



KONERU LAKSHMAIAH EDUCATION FOUNDATION(K L E F)

Research & Development(R & D)

List of web of science Publications

S.NO	Name of the Author/s	Article Title	Name of the Journal	Year	DOI	Web of Science Index	Link
1	Abhishek, MK; Rao, DR; Subrahmanyam, K	Framework to Deploy Containers using Kubernetes and CI/CD Pipeline	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
2	Mateen, MA; Shankar, C; Kranthi, P	IMPACT OF FINANCIAL MARKETS INTEGRATION ON INVESTORS SENTIMENT	INTERNATIONAL JOURNAL OF EARLY CHILDHOOD SPECIAL EDUCATION	2022	10.9756/INT-JECSE/V14I3.286	Emerging Sources Citation Index (ESCI)	WOS Proof
3	Rao, IV; Kalyan, SSS; Nagendram, S; Bhimavarapu, JP	A novel massive MIMO strategy for optimal antenna selection via hybrid algorithm	INTERNATIONAL JOURNAL OF ELECTRONICS	2022	10.1080/00207217.2021.2001865	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
4	Divya, GN; Rao, SK	Prevalence of shifted Rayleigh filter for passive surveillance in underwater	INTERNATIONAL JOURNAL OF INTELLIGENT COMPUTING AND CYBERNETICS	2022	10.1108/IJICC-06-2021-0105	Emerging Sources Citation Index (ESCI)	WOS Proof
5	Gouse, SM; Mohan, GK	A hybrid data perturbation and mean clustering approach based privacy preserving classification model for large databases	INTERNATIONAL JOURNAL OF SYSTEM ASSURANCE ENGINEERING AND MANAGEMENT	2022	10.1007/s13198-022-01833-9	Emerging Sources Citation Index (ESCI)	WOS Proof
6	Challa, B; Seeram, SR	Hot Deformation Behavior and Strain Rate Sensitivity of $\alpha+0$ Brass Sheet by Uniaxial Material Constitutive Equations	INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES	2022	10.56042/ijems.v29i6.70278	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
7	Sastry, JKR; Sowmya, KV	IMPLEMENTING LOAD-BALANCED CONCURRENT SERVICE LAYER FOR IMPROVING THE RESPONSE TIME OF AN IOT NETWORK	JOURNAL OF ENGINEERING SCIENCE AND TECHNOLOGY	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
8	Prasanna, D; Runthala, A	Computationally Decoding NudF Residues To Enhance the Yield of the DXP Pathway	ACS OMEGA	2022	10.1021/acsomega.2c01677	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
9	Bora, P; Pokkunuri, P; Madhav, BTP	The Design of Closed Square RR Loaded 2-Port MIMO for Dual Band Applications	ENGINEERING TECHNOLOGY & APPLIED SCIENCE RESEARCH	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
10	Aditya, M; Rao, KS	Impact of High-K Gate Dielectric Materials on Uniformly Doped Dual Gate FinFET for Analog and Digital Applications	SILICON	2022	10.1007/s12633-022-01775-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
11	Immaredy, S; Sundaramoorthy, A	A survey paper on design and implementation of multipliers for digital system applications	ARTIFICIAL INTELLIGENCE REVIEW	2022	10.1007/s10462-021-10113-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
12	AparajithaGarnepudi; KrishnaSudheer	A study of the most frequently used advertising pitches in television commercials	INTERNATIONAL JOURNAL OF EARLY CHILDHOOD SPECIAL EDUCATION	2022	10.9756/INT-JECSE/V14I3.264	Emerging Sources Citation Index (ESCI)	WOS Proof
13	Bhagyalaxmi, D; Babu, BS	Using Deep Neural Networks for Predicting Diseased Cotton Plants and Leafs	INNOVATIVE DATA COMMUNICATION TECHNOLOGIES AND APPLICATION, ICIDCA 2021	2022	10.1007/978-981-16-7167-8_28	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
14	Ganesan, T; Rajarajeswari, P	Efficient Sensor Node Connectivity and Target Coverage using Genetic Algorithm with db4 Lifting Wavelet Transform	AD HOC & SENSOR WIRELESS NETWORKS	2022		Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
15	Reddy, KN; Bojja, P	Hybrid moth-flame optimisation algorithm with differential evolution for visual object tracking	INTERNATIONAL JOURNAL OF BIO-INSPIRED COMPUTATION	2022	10.1504/IJBIC.2022.128097	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
16	Jammalamadaka, K; Parveen, N	Equivalent mutant identification using hybrid wavelet convolutional rain optimization	SOFTWARE-PRACTICE & EXPERIENCE	2022	10.1002/spe.3038	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

17	Ali, SA; Prasad, MVD; Kishore, PVV	RANKED MULTI-VIEW SKELETAL VIDEO-BASED SIGN LANGUAGE RECOGNITION WITH TRIPLET LOSS EMBEDDINGS	JOURNAL OF ENGINEERING SCIENCE AND TECHNOLOGY	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
18	Nagesh, P; Srinivasu, N	Modelling a secure framework for data verification and integrity in cloud environment	INTERNATIONAL JOURNAL OF SYSTEM ASSURANCE ENGINEERING AND MANAGEMENT	2022	10.1007/s13198-022-01753-8	Emerging Sources Citation Index (ESCI)	WOS Proof
19	Gandhi, SG; Govardhani, I; Narayana, MV; Rao, KS	Design and analysis of SP4T RF MEMS switch for satellite applications	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2022	10.1007/s00542-022-05347-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
20	Vadde, U; Kompalli, VS	Energy efficient service placement in fog computing	PEERJ COMPUTER SCIENCE	2022	10.7717/peerj-cs.1035	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
21	Emani, LS; Hegde, ML	Studies on DNA dynamics relevance to neurodegeneration	FEBS OPEN BIO	2022		Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
22	Kanchimani, S; Suman, M; Kishore, PVV	Learning Global Average Attention Pooling (GAAP) on Resnet50 Backbone for Person Re-identification Problem	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
23	Lingampalli, BR; Kotamraju, SR	ANALYSIS OF PASSIVE ISLANDING DETECTION TECHNIQUES FOR DOUBLE LINE FAULT IN THREE PHASE MICROGRID SYSTEM	ADVANCES IN ELECTRICAL AND ELECTRONIC ENGINEERING	2022	10.15598/aeer.v20i2.4300	Emerging Sources Citation Index (ESCI)	WOS Proof
24	Siddiqui, N; Sreeja, N; Supriya, C; Sarvani, V; Bhavana, P; Reddy, S	A Study on Disease Resistance on Rice: Strategies and Challenges	INTERNATIONAL JOURNAL OF LIFE SCIENCE AND PHARMA RESEARCH	2022	10.22376/ijpbs/lpr.2022.12.2.L62-67	Emerging Sources Citation Index (ESCI)	WOS Proof
25	Saikumar, K; Rajesh, V; Rahman, MZU	Pretrained DcAlexnet Cardiac Diseases Classification on Cognitive Multi-Lead Ultrasound Dataset	INTERNATIONAL JOURNAL OF INTEGRATED ENGINEERING	2022	10.30880/ijie.2022.14.07.012	Emerging Sources Citation Index (ESCI)	WOS Proof
26	Endoori, S; Anna, VR; Gulipalli, KC; Bodige, S; Pommidi, AK; Surapureddi, SR; Seelam, N	Synthesis, Characterization, and Anticancer Activity of Novel Imidazo[1,2-a]pyridine Linked 1,2,3-Triazole Derivatives (vol 92, pg 1775, 2022)	RUSSIAN JOURNAL OF GENERAL CHEMISTRY	2022	10.1134/S1070363222110445	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
27	Panneerselvam, IR	Transfer learning autoencoder used for compressing multimodal biosignal	MULTIMEDIA TOOLS AND APPLICATIONS	2022	10.1007/s11042-022-12597-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
28	Rahman, MZU	Introductory notes for the Acta IMEKO Special Issue on 'Innovative Signal Processing and Communication Techniques for Measurement and Sensing Systems'	ACTA IMEKO	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
29	Sivakumar, S; Haritha, D; Ram, NS; Kumar, N; Krishna, GR; Kumar, AD	Attention-Based Convolution Bidirectional Recurrent Neural Network for Sentiment Analysis	INTERNATIONAL JOURNAL OF DECISION SUPPORT SYSTEM TECHNOLOGY	2022	10.4018/IJDSST.300368	Emerging Sources Citation Index (ESCI)	WOS Proof
30	Sasank, VVS; Venkateswarlu, S	An automatic tumour growth prediction based segmentation using full resolution convolutional network for brain tumour	BIOMEDICAL SIGNAL PROCESSING AND CONTROL	2022	10.1016/j.bspc.2021.103090	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
31	Deepak, V; Anguraj, DK; Mantha, SS	Recurrent neural network based recommendation system for marathoner's motivation	INTERNATIONAL JOURNAL OF SYSTEM ASSURANCE ENGINEERING AND MANAGEMENT	2022	10.1007/s13198-022-01700-7	Emerging Sources Citation Index (ESCI)	WOS Proof
32	Babu, VS; Ram, NV	Deep Residual CNN with Contrast Limited Adaptive Histogram Equalization for Weed Detection in Soybean Crops	TRAITEMENT DU SIGNAL	2022	10.18280/ts.390236	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
33	Jayakumar, D; Krishna, TLSR	Advance the Energy Usage in Cloud Centers Utilizing Hybrid Approach	DISTRIBUTED COMPUTING AND OPTIMIZATION TECHNIQUES, ICDCOT 2021	2022	10.1007/978-981-19-2281-7_13	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof

34	Lakshatha, KS; Ratnam, DV; Sivakrishna, K	Applicability of NeQuick G ionospheric model for single-frequency GNSS users over India	AIMS GEOSCIENCES	2022	10.3934/geosci.2022008	Emerging Sources Citation Index (ESCI)	WOS Proof
35	NagaRaju, M; Amarendra, K	A hybrid node-to-node trust probability based dynamic path planning algorithm for VANETs	INTERNATIONAL JOURNAL OF EARLY CHILDHOOD SPECIAL EDUCATION	2022	10.9756/INT-JECSE/V14I2.655	Emerging Sources Citation Index (ESCI)	WOS Proof
36	Rhmann, W	Software Vulnerability Prediction Using Grey Wolf-Optimized Random Forest on the Unbalanced Data Sets	INTERNATIONAL JOURNAL OF APPLIED METAHEURISTIC COMPUTING	2022	10.4018/IJAMC.292508	Emerging Sources Citation Index (ESCI)	WOS Proof
37	Venkatesh, P; Kulandaivelu, U; Rao, GK; Chakravarthi, G; Alavala, RR; Rajesh, B	Stability indicating Rp-UPLC method development and validation for the simultaneous estimation of fosnetupitant and palonosetron in bulk and injection dosage form	BRAZILIAN JOURNAL OF PHARMACEUTICAL SCIENCES	2022	10.1590/s2175-97902022e20570	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
38	Anila, M; Gera, P	Parkinson's Disease Identification using Deep Neural Network with RESNET50	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
39	Vivek, A; Rao, CHH	Identification and analysing of risk factors affecting cost of construction projects	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2021.12.228	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
40	Gorla, MR; Sarma, M	Synthesis of Pyrazole-Oxothiazolidine Hybrids as Potential Anticancer Agents in [Bmim]OH Ionic Liquid Medium	RUSSIAN JOURNAL OF ORGANIC CHEMISTRY	2022	10.1134/S1070428022040157	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
41	Jagan, BOL; Rao, SK	Evaluation of DB-IEKF Algorithm Using Optimization Methods for Underwater Passive Target Tracking	MOBILE NETWORKS & APPLICATIONS	2022	10.1007/s11036-021-01862-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
42	Bodavarapu, PNR; Reddy, BGK; Srinivas, PVVS	Novel 1D and 2D Convolutional Neural Networks for Facial and Speech Emotion Recognition	THIRD INTERNATIONAL CONFERENCE ON IMAGE PROCESSING AND CAPSULE NETWORKS (ICIPCN 2022)	2022	10.1007/978-3-031-12413-6_29	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
43	Jyoshna, G; Rahman, MZU; Koteswararao, L	An Efficient Reference Free Adaptive Learning Process for Speech Enhancement Applications	CMC-COMPUTERS MATERIALS & CONTINUA	2022	10.32604/cmc.2022.020160	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
44	Kolluru, AK; Malligunta, KK	Fuzzy Controller Based DTC of SRM Drive Fed by Common High Side Asymmetric Switch Converter	INTERNATIONAL JOURNAL OF ELECTRICAL AND COMPUTER ENGINEERING SYSTEMS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
45	Mohammed, SB; Rao, PV; Durga, S	A Study On Profitability Analysis Of IFCI Factors Ltd.	JOURNAL OF PHARMACEUTICAL NEGATIVE RESULTS	2022	10.47750/pnr.2022.13.508.189	Emerging Sources Citation Index (ESCI)	WOS Proof
46	Bhardwaj, RJ; Rao, DS	Deep Learning-Based Traffic Behavior Analysis under Multiple Camera Environment	INTERNATIONAL JOURNAL OF NEXT-GENERATION COMPUTING	2022	10.47164/ijngc.v13i3.719	Emerging Sources Citation Index (ESCI)	WOS Proof
47	Salaikumaran, MR; Kasamuthu, PS; Aathmanathan, VS; Burra, VLSP	An in silico approach to study the role of epitope order in the multi-epitope-based peptide (MEBP) vaccine design	SCIENTIFIC REPORTS	2022	10.1038/s41598-022-16445-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
48	Vali, SS; Rao, KS	Transformation of the Coplanar Waveguide Bandpass Filter to Band Stop Filter by Serpentine Shape Shunt/Open Stubs	TRANSACTIONS ON ELECTRICAL AND ELECTRONIC MATERIALS	2022	10.1007/s42341-022-00403-x	Emerging Sources Citation Index (ESCI)	WOS Proof
49	Yeddu, D; Rao, BL	Design of Hybrid Controller for Voltage Profile Enhancement at Battery Energy Storage System Terminal of Solid State Transformer Based Charging of Electric Vehicles	INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
50	Gowthami, Y; Balaji, B; Rao, KS	Design and Performance Evaluation of 6nm HEMT with Silicon Sapphire Substrate	SILICON	2022	10.1007/s12633-022-01900-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
51	Tatale, S; Prakash, VC	Combinatorial test case generation from sequence diagram using optimization algorithms	INTERNATIONAL JOURNAL OF SYSTEM ASSURANCE ENGINEERING AND MANAGEMENT	2022	10.1007/s13198-021-01579-w	Emerging Sources Citation Index (ESCI)	WOS Proof

52	Nagageetha, M; Ramesh, NVK	A feature ranking-based deep learning secure framework for multi-class leaf disease detection	INTERNATIONAL JOURNAL OF AD HOC AND UBIQUITOUS COMPUTING	2022	10.1504/IJAHUC.2022.123530	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
53	Rao, GM; Srinivas, K	RNN-BD: an approach for fraud visualisation and detection using deep learning	INTERNATIONAL JOURNAL OF COMPUTATIONAL SCIENCE AND ENGINEERING	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
54	Rao, NS; Rao, KVSNR	An Energy-Efficient Routing Scheme in Wireless Sensor Networks for Life Time Maximization Using Fuzzy Based Decision	AD HOC & SENSOR WIRELESS NETWORKS	2022		Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
55	Koneru, S; Srinath, A; Rao, BN	Multiobjective optimization for the optimal heat pipe working parameters based on Taguchi's design of experiments	HEAT TRANSFER	2022	10.1002/htj.22410	Emerging Sources Citation Index (ESCI)	WOS Proof
56	Rajesh, L; Satyanarayana, P	Evaluation of Machine Learning Algorithms for Detection of Malicious Traffic in SCADA Network	JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY	2022	10.1007/s42835-021-00931-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
57	Kasimsetti, SP; Hussain, A	Enhanced packet reordering procedure to improve TCP communication	INTERNATIONAL JOURNAL OF PERVASIVE COMPUTING AND COMMUNICATIONS	2022	10.1108/IJPCC-05-2021-0116	Emerging Sources Citation Index (ESCI)	WOS Proof
58	Santosh, GSK	Investigation of Effect of SiO2 Buffer Layer on the Characteristics of Surface Waves Excited in Patterned-ZnO/SiO2/Si Structure on Silicon Substrate	SILICON	2022	10.1007/s12633-021-01460-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
59	Chowdary, TB; Rao, VR	Design and Analysis of Lightweight Alkali-Activated Slag and Fly Ash Geopolymer Mortars using ANFIS-SSO	IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF CIVIL ENGINEERING	2022	10.1007/s40996-021-00702-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
60	Ravinder, N; Mohammed, M	Effective Multitier Network Model for MRI Brain Disease Prediction using Learning Approaches	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
61	Srinivas, PVVS; Mishra, P	A novel framework for facial emotion recognition with noisy and de noisy techniques applied in data pre-processing	INTERNATIONAL JOURNAL OF SYSTEM ASSURANCE ENGINEERING AND MANAGEMENT	2022	10.1007/s13198-022-01737-8	Emerging Sources Citation Index (ESCI)	WOS Proof
62	Renuka, V; Yella, VR	Dissecting G-Quadruplexes and I-Motifs in Cis-Regulatory Regions of Mammals and Plants	INTERNATIONAL JOURNAL OF LIFE SCIENCE AND PHARMA RESEARCH	2022	10.22376/ijpbs/lpr.2022.12.4.L108-113	Emerging Sources Citation Index (ESCI)	WOS Proof
63	Salaikumaran, MR; Badiger, VP; Burra, VLSP	16S rRNA Methyltransferases as Novel Drug Targets Against Tuberculosis	PROTEIN JOURNAL	2022	10.1007/s10930-021-10029-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
64	Balaji, B; Rao, KS; Aditya, M; Sravani, KG	Device Design, Simulation and Qualitative Analysis of GaAsP/6H-SiC/GaN Metal Semiconductor Field Effect Transistor	SILICON	2022	10.1007/s12633-022-01665-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
65	Rao, SK; Lakshmi, MK; Ghosh, A	Neural Extended/Unscented Kalman Filter for Submarine Passive Target Tracking	OCEANS 2022	2022	10.1109/OCEANSchennai45887.2022.9775345	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
66	Reddy, KTVK; Challagulla, SP	Travel data collection using a smart phone for the estimation of multimodal travel times of intra-city public transportation	ARCHIVES OF CIVIL ENGINEERING	2022	10.24425/ace.2022.141893	Emerging Sources Citation Index (ESCI)	WOS Proof
67	Adapa, S; Enireddy, V	RETRACTED: Human character identification using facial features and optimised deep convolutional neural network (Retracted Article)	MULTIMEDIA TOOLS AND APPLICATIONS	2022	10.1007/s11042-022-12009-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
68	Devi, NSMPL; Shanmugan, S	An approach of renewable energy based on spatial patterns of radiation flux for solar thermal applications	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2021.07.115	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
69	Gade, MSL; Sudanthiraveeran, R	A cost-efficient reversible logic gates implementation based on measurable quantum-dot cellular automata	ACTA IMEKO	2022		Emerging Sources Citation Index (ESCI)	WOS Proof

70	Narayan, TA; Anudeep, C; Bodavarapu, PNR; Srinivas, PVVS	Deep Convolutional Neural Network for Brain Tumor and Skin Cancer Detection Over Traditional Neural Networks	PROCEEDINGS OF SECOND INTERNATIONAL CONFERENCE ON SUSTAINABLE EXPERT SYSTEMS (ICSES 2021)	2022	10.1007/978-981-16-7657-4_41	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
71	Srinivas, PVVS; Mishra, P	Human Emotion Recognition by Integrating Facial and Speech Features: An Implementation of Multimodal Framework using CNN	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
72	Devi, RP; Prabakaran, N	Hybrid Cuckoo Search with Salp Swarm Optimization for Spectral and Energy Efficiency Maximization in NOMA System	WIRELESS PERSONAL COMMUNICATIONS	2022	10.1007/s11277-021-09361-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
73	Kavitha, K; Kumar, EK	A Short Review on the Role of Various Deep Learning Techniques for Segmenting and Classifying Brain Tumours from MRI Images	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
74	Basha, SKC; Rao, KSJ; Ramaiah, MJ	A new insight on Al-maltolate-treated aged rabbit as Alzheimer's animal model: a new approach in drug discovery	JOURNAL OF NEUROCHEMISTRY	2022		Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
75	Kumar, PK; Balaji, B; Rao, KS	Performance analysis of sub 10 nm regime source halo symmetric and asymmetric nanowire MOSFET with underlap engineering	SILICON	2022	10.1007/s12633-022-01747-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
76	Kumar, MS; Rao, PVRDP	Multicast Through Device to Device Communication Using Enhanced Diffie-Hellman Algorithm	JOURNAL OF INTERCONNECTION NETWORKS	2022	10.1142/S0219265921410152	Emerging Sources Citation Index (ESCI)	WOS Proof
77	Devi, NSMPL; Shanmugan, S	Analysis of weather condition on thermal behavior utilization in solar device	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2021.07.099	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
78	Sasank, VVS; Venkateswarlu, S	Hybrid deep neural network with adaptive rain optimizer algorithm for multi-grade brain tumor classification of MRI images	MULTIMEDIA TOOLS AND APPLICATIONS	2022	10.1007/s11042-022-12106-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
79	Jagan, BOL; Rao, SK; Lakshmi, MK	Underwater target tracking in three-dimensional environment using intelligent sensor technique	INTERNATIONAL JOURNAL OF PERVASIVE COMPUTING AND COMMUNICATIONS	2022	10.1108/IJPCC-07-2021-0154	Emerging Sources Citation Index (ESCI)	WOS Proof
80	Maddikera, KR; Kotamraju, SK; Kavya, KCS; Gande, BGT	Radar Reflectivity of Micro Rain Radar (MRR2) At 16.44180N, 80.620E of India	INTERNATIONAL JOURNAL OF INTEGRATED ENGINEERING	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
81	Sekhar, KVC	IMPACT OF CHEMICAL REACTION, SORET NUMBER AND HEAT SOURCE ON UNSTEADY MHD CASSON FLUID FLOW PAST VERTICAL SURFACE	FRONTIERS IN HEAT AND MASS TRANSFER	2022	10.5098/hmt.19.36	Emerging Sources Citation Index (ESCI)	WOS Proof
82	Vankadara, RK; Reddybattula, KD; Panda, SK	Multi-constellation GNSS Ionospheric Scintillation Monitoring through PolaRx5S Receiver at a low latitude station in India	2021 IEEE INTERNATIONAL WOMEN IN ENGINEERING (WIE) CONFERENCE ON ELECTRICAL AND COMPUTER ENGINEERING (WIECON-ECE)	2022	10.1109/WIECON-ECE54711.2021.9829648	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
83	Vankadara, RK; Sarath, BJN; Viswaas, KS; Babu, NH; Panda, SK	Performance Analysis of Various Ionospheric Delay Corrections in Single-frequency GPS Positioning solution at a low latitude Indian location	2022 SECOND INTERNATIONAL CONFERENCE ON ADVANCES IN ELECTRICAL, COMPUTING, COMMUNICATION AND SUSTAINABLE TECHNOLOGIES (ICAECT)	2022	10.1109/ICAECT54875.2022.9807878	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
84	Naidu, AR; Bhavana, D	MULTIMODAL MEDICAL IMAGE FUSION USING HYBRID DOMAINS	SCALABLE COMPUTING-PRACTICE AND EXPERIENCE	2022	10.12694/scpe.v23i4.2022	Emerging Sources Citation Index (ESCI)	WOS Proof
85	Nagadasari, MP; Bojja, P	Industrial IoT Enabled Fuzzy Logic Based Flame Image Processing for Rotary Kiln Control	WIRELESS PERSONAL COMMUNICATIONS	2022	10.1007/s11277-022-09677-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
86	Suneetha, M; Prasad, MVD; Kishore, PVV	Sharable and unshareable within class multi view deep metric latent feature learning for video-based sign language recognition	MULTIMEDIA TOOLS AND APPLICATIONS	2022	10.1007/s11042-022-12646-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

87	Ponnaganti, ND; Anitha, R	A Novel Ensemble Bagging Classification Method for Breast Cancer Classification Using Machine Learning Techniques	TRAITEMENT DU SIGNAL	2022	10.18280/ts.390123	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
88	Bhavana, P; Somlal, J	Power management of bidirectional inter allied converter community in hybrid ac/dc microgrid using localised distributed fuzzy logic controller	INTERNATIONAL JOURNAL OF HEAVY VEHICLE SYSTEMS	2022	10.1504/IJHVS.2022.127012	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
89	Bhimavarapu, U; Sreedevi, M	Kurtosis-Based Feature Selection Method using Symmetric Uncertainty to Predict the Air Quality Index	COMPUTER SCIENCE JOURNAL OF MOLDOVA	2022	10.56415/csjm.v30.19	Emerging Sources Citation Index (ESCI)	WOS Proof
90	Kumar, SS; Sai, NR; Kumar, MJ	PSO- and GA-Based Hybrid Algorithm for Feature Selection	PROCEEDINGS OF SECOND INTERNATIONAL CONFERENCE ON SUSTAINABLE EXPERT SYSTEMS (ICSES 2021)	2022	10.1007/978-981-16-7657-4_38	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
91	Nagaratnam, Y; Rooban, S	A modified truncation and rounding-based scalable approximate multiplier with minimum error measurement	ACTA IMEKO	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
92	Aditya, M; Rao, KS	Design and Performance Analysis of Advanced MOSFET Structures	TRANSACTIONS ON ELECTRICAL AND ELECTRONIC MATERIALS	2022	10.1007/s42341-021-00338-9	Emerging Sources Citation Index (ESCI)	WOS Proof
93	Srilakshmi, R; Muthukuru, J	Intrusion detection in mobile ad-hoc network using Hybrid Reactive Search and Bat algorithm	INTERNATIONAL JOURNAL OF INTELLIGENT UNMANNED SYSTEMS	2022	10.1108/IJIUS-09-2020-0049	Emerging Sources Citation Index (ESCI)	WOS Proof
94	Rao, SK	Bearings-only Passive Target Tracking: Range Uncertainty Ellipse Zone	IETE JOURNAL OF RESEARCH	2022	10.1080/03772063.2020.1739571	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
95	Kiran, K; Rao, DR	Analytical Review and Study on Various Vertical Handover Management Technologies in 5G Heterogeneous Network	INFOCOMMUNICATIONS JOURNAL	2022	10.36244/ICJ.2022.2.3	Emerging Sources Citation Index (ESCI)	WOS Proof
96	Kunkatla, CK; Namburu, SK	A relative analysis of standard labour output constants for building construction works and materials in Andhra Pradesh state, India	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2021.12.124	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
97	Rahman, MZU; Aswitha, PVS; Sriprathyusha, D; Farheen, SKS	Beamforming in cognitive radio networks using partial update adaptive learning algorithm	ACTA IMEKO	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
98	Surekha, S; Rahman, MZU	Blockchain Framework for Cognitive Sensor Network Using Non-Cooperative Game Theory	IEEE ACCESS	2022	10.1109/ACCESS.2022.3180336	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
99	Thangavel, G; Rajarajeswari, P	A Novel Genetic Algorithm with db4 Lifting for Optimal Sensor Node Placements	INTERNATIONAL ARAB JOURNAL OF INFORMATION TECHNOLOGY	2022	10.34028/iajit/19/5/12	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
100	Padmanabhuni, SS; Gera, P	Synthetic Data Augmentation of Tomato Plant Leaf using Meta Intelligent Generative Adversarial Network: Milgan	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
101	Vanaja, A; Yella, VR	Delineation of the DNA Structural Features of Eukaryotic Core Promoter Classes	ACS OMEGA	2022	10.1021/acsomega.1c04603	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
102	Kazi, AM; Ramasastry, DVA	Characterization of continuous Hibiscus sabdariffa fibre reinforced epoxy composites	POLYMERS & POLYMER COMPOSITES	2022	10.1177/09673911211060957	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
103	Kumar, MR; Pooja, K; Udathu, M; Prasanna, JL; Santhosh, C	Detection of Depression Using Machine Learning Algorithms	INTERNATIONAL JOURNAL OF ONLINE AND BIOMEDICAL ENGINEERING	2022	10.3991/ijoe.v18i04.29051	Emerging Sources Citation Index (ESCI)	WOS Proof
104	Sakhamuri, S; Kumar, KK	Semantic Image Segmentation using Deep Learning for Low Illumination Environment	INTERNATIONAL JOURNAL OF EARLY CHILDHOOD SPECIAL EDUCATION	2022	10.9756/INT-JECSE/V14I3.292	Emerging Sources Citation Index (ESCI)	WOS Proof

105	Swamy, GSC; Mishra, H; Kumar, PJ	Microstructural Evolution and Mechanism of Strengthening in Al-Zn/fly ash/ZrO ₂ Composites Fabricated Through a Vortex	INTERNATIONAL JOURNAL OF INTEGRATED ENGINEERING	2022	10.30880/ijie.2022.14.07.007	Emerging Sources Citation Index (ESCI)	WOS Proof
106	Tejasri, S; Tida, N	HUMAN RIGHTS IN ASIAN REGION: ENVIRONMENT SUSTAINABILITY IN A LEGAL SCENARIO	INTERNATIONAL JOURNAL OF EARLY CHILDHOOD SPECIAL EDUCATION	2022	10.9756/INTJECSE/V14I5.203	Emerging Sources Citation Index (ESCI)	WOS Proof
107	Nagaraju, M; Malligunta, KK	Grid integration of hybrid renewable energy source using Aligned Multilevel Inverter	INTERNATIONAL JOURNAL OF EMERGING ELECTRIC POWER SYSTEMS	2022	10.1515/ijeeps-2021-0366	Emerging Sources Citation Index (ESCI)	WOS Proof
108	Gali, S; Nidumolu, V	An intelligent trust sensing scheme with metaheuristic based secure routing protocol for Internet of Things	CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS	2022	10.1007/s10586-021-03473-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
109	Reddy, CNK; Sekhar, KR	Routing with Multi-Criteria QoS for Flying Ad-hoc Networks (FANETs)	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
110	Funde, S; Swain, G	Data Recovery Approach with Optimized Cauchy Coding in Distributed Storage System	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
111	Reddy, MV; Rao, H	Analysing the critical delay factors and delay in material supply for construction projects in India	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2021.12.529	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
112	Vineetha, KV; Madhav, BTP; Kumar, MS; Devi, YU; Prakash, KB	Analysis of Conformal and Metamaterial Based Microstrip Bandpass Filter for Wi-MAX, WBAN and ISM Band Applications	JOURNAL OF COMMUNICATIONS TECHNOLOGY AND ELECTRONICS	2022	10.1134/S1064226922040118	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
113	Krishna, BM; Santhosh, C; Suman, S; Shireen, SKS	Evolvable Hardware-Based Data Security System Using Image Steganography Through Dynamic Partial Reconfiguration	JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS	2022	10.1142/S0218126622500141	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
114	Rao, KS; Vandana, PV	Design, Simulation and Analysis of Junction Version Multi-Fin FINFET	SILICON	2022	10.1007/s12633-021-01296-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
115	Chandrika, OM; Kumar, MS	Design and analysis of SRAM cell using reversible logic gates towards smart computing	JOURNAL OF SUPERCOMPUTING	2022	10.1007/s11227-021-03851-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
116	Praveena, M; Rao, MK	Brain Tumor Detection using Integrated Learning Process Detection (ILPD)	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
117	Bhimavarapu, U	IRF-LSTM: enhanced regularization function in LSTM to predict the rainfall	NEURAL COMPUTING & APPLICATIONS	2022	10.1007/s00521-022-07577-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
118	Alange, N; Mathur, A	Optimization of Small Sized File Access Efficiency in Hadoop Distributed File System by Integrating Virtual File System Layer	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
119	Vulapula, SR; Malladi, S	Query processing over secure perturbed data over hybrid cloud	INTERNATIONAL JOURNAL OF INTELLIGENT UNMANNED SYSTEMS	2022	10.1108/IJIUS-09-2020-0054	Emerging Sources Citation Index (ESCI)	WOS Proof
120	Choragudi, SF; Sesham, MSE; Vakkalagadda, N; Vedantam, NK; Janga, DR; Koneru, D; Harisairam, A; Oruganti, KK	An In Silico Strategy against Adam's Oliver Syndrome by Predicting RNAi Molecules against Dominant Genes by Suppressing Rho GTPases	ASIAN JOURNAL OF PHARMACEUTICS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
121	Kumar, KA; Boda, R	A computer-aided brain tumor diagnosis by adaptive fuzzy active contour fusion model and deep fuzzy classifier	MULTIMEDIA TOOLS AND APPLICATIONS	2022	10.1007/s11042-022-12213-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

122	Bethi, S; Moparthi, NR	Effective neighbor node discovery using improved Bayesian clock synchronization-gossip routing protocol in mobile low duty cycle wireless sensor network	CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE	2022	10.1002/cpe.6880	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
123	Basith, KA; Shankar, TN	Hybrid Routing Topology Control for Node Energy Minimization for WSN	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
124	Kathavate, PN; Amudhavel, J	Lipoprotein detection: Hybrid deep classification model with improved feature	MULTIAGENT AND GRID SYSTEMS	2022	10.3233/MGS-220329	Emerging Sources Citation Index (ESCI)	WOS Proof
125	Kumar, SS; Kumar, VV; Sai, NR; Kumar, MJ	Usage of Machine Learning Algorithms to Detect Intrusion	INNOVATIVE DATA COMMUNICATION TECHNOLOGIES AND APPLICATION, ICIDCA 2021	2022	10.1007/978-981-16-7167-8_8	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
126	Serreddy, CR; Yalavarthi, UD	Quad Element Tree Shaped MIMO Antenna for Ultra-Wide Band Applications	PROGRESS IN ELECTROMAGNETICS RESEARCH M	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
127	Jagan, BOL; Rao, SK	Measure of nonlinearity for underwater target tracking using hull-mounted sensor	INTERNATIONAL JOURNAL OF INTELLIGENT COMPUTING AND CYBERNETICS	2022	10.1108/IJICC-08-2021-0167	Emerging Sources Citation Index (ESCI)	WOS Proof
128	Reddy, BS; Prasad, KRS	Design, Synthesis, and Antibacterial Activity of 1-{8-[(Het)arylmethoxy]-2-(trifluoromethyl)imidazo[1,2-a]pyrazin-6-yl}ethan-1-amine Derivatives	RUSSIAN JOURNAL OF ORGANIC CHEMISTRY	2022	10.1134/S1070428022070119	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC)	WOS Proof
129	Vali, SS; Rao, KS	Control of bandwidth, resonant frequency, and modelling of bandpass filter using open stub resonator for K-band application	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2022	10.1007/s00542-022-05293-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
130	Reddy, GK; Rakesh, PN; Sairam, AH; Reddy, VN	Numerical Implementation of Electrokinetics for Removal of Heavy Metals from Granite Waste	IRANIAN JOURNAL OF CHEMISTRY & CHEMICAL ENGINEERING-INTERNATIONAL ENGLISH EDITION	2022	10.30492/ijcce.2021.130971.4231	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
131	Sreedevi, P; Venkateswarlu, S	An Efficient Intra-Cluster Data Aggregation and finding the Best Sink location in WSN using EEC-MA-PSOGA approach	INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS	2022	10.1002/dac.5110	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
132	Varalakshmi, M; Lakshmi, KR; Rao, BN	8OPTIMIZATION OF PROCESS PARAMETERS USING DIFFERENT STATISTICAL DESIGNS	JOURNAL OF ENGINEERING SCIENCE AND TECHNOLOGY	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
133	Podile, VR; Challa, VNSK; Semwal, M; Maddineni, S; Jain, N; Asrani, D	IMPACT OF HRD PRACTICES ON EMPLOYEES WITH SPECIAL REFERENCE TO SELECT POWER UNIT IN ANDHRA REGION	INTERNATIONAL JOURNAL OF EARLY CHILDHOOD SPECIAL EDUCATION	2022	10.9756/INT-JECSE/V14I2.560	Emerging Sources Citation Index (ESCI)	WOS Proof
134	Praveen, JP; Rao, BN	Reinvestigation on Assessing the Stability of Mullagulov Tested Steel Rods under Follower Forces	PERTANIKA JOURNAL OF SCIENCE AND TECHNOLOGY	2022	10.47836/pjst.30.1.44	Emerging Sources Citation Index (ESCI)	WOS Proof
135	Rao, SK; Lakshmi, MK; Prakash, BB; Ananth, TS; Kumar, RY	Neural Unscented Kalman Filter for Submarine Active Target Tracking	OCEANS 2022	2022	10.1109/OCEANSSchennai45887.2022.9775433	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
136	Reddy, KTVK; Challagulla, SP	MEASUREMENT OF DELAY USING TRAVEL TIME RELIABILITY STATISTICS IN AN URBAN OUTER CORRIDOR	SCIENTIFIC JOURNAL OF SILESIAN UNIVERSITY OF TECHNOLOGY-SERIES TRANSPORT	2022	10.20858/sjsutst.2022.14.12	Emerging Sources Citation Index (ESCI)	WOS Proof
137	Lakshmi, MK; Rao, SK; Subrahmanyam, K	Shifted Rayleigh filter: a novel estimation filtering algorithm for pervasive underwater passive target tracking for computation in 3D by bearing and elevation measurements	INTERNATIONAL JOURNAL OF PERVASIVE COMPUTING AND COMMUNICATIONS	2022	10.1108/IJPCC-06-2021-0138	Emerging Sources Citation Index (ESCI)	WOS Proof
138	Veerendra, P; Rao, T	Optimized scheduling techniques focused on powerful heuristics leveraging cloud services soft computing	INTERNATIONAL JOURNAL OF PERVASIVE COMPUTING AND COMMUNICATIONS	2022	10.1108/IJPCC-04-2021-0087	Emerging Sources Citation Index (ESCI)	WOS Proof
139	Vali, SS; Rao, KS	Design and simulation of continuous tuning band stop filter by2-D periodic defected ground structure	MICROELECTRONICS JOURNAL	2022	10.1016/j.mejo.2022.105605	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

140	Reddy, YG; Prasanth, Y	A Hybrid Quartile Deviation-based Support Vector Regression Model for Software Reliability Datasets	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
141	Saxena, R; Gayathri, E	Cyber threat intelligence challenges: Leveraging blockchain intelligence with possible solution	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2021.06.204	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
142	Sri, VDS; Vemuru, S	A filter-based machine learning classification framework for cloud-based medical databases	INTERNATIONAL JOURNAL OF AD HOC AND UBIQUITOUS COMPUTING	2022	10.1504/IJAHUC.2022.123531	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
143	Deshmukh, S; Rao, KT	Straggler identification approach in large data processing frameworks using ensembled gradient boosting in smart-cities cloud services	INTERNATIONAL JOURNAL OF SYSTEM ASSURANCE ENGINEERING AND MANAGEMENT	2022	10.1007/s13198-021-01311-8	Emerging Sources Citation Index (ESCI)	WOS Proof
144	Sailaja, C; Maloji, S; Mannepalili, K	A hybrid HXPLS-TMFCC parameterization and DCNN-SFO clustering based speaker diarization system	CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE	2022	10.1002/cpe.6954	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
145	Kanakaraja, P; Kumar, KS; Nadipalli, LSPS; Kumer, SVA; Kavya, KCS	An Implementation of Outdoor Vehicle Localization and Tracking Using Automatic License Plate Recognition (ALPR)	INTERNATIONAL JOURNAL OF E-COLLABORATION	2022	10.4018/IJeC.304043	Emerging Sources Citation Index (ESCI)	WOS Proof
146	Kottapalli, A; Konijeti, R	NUMERICAL AND EXPERIMENTAL INVESTIGATION OF NON-LUBRICATED AIR SCROLL EXPANDER DERIVED FROM A REFRIGERANT SCROLL COMPRESSOR	FRONTIERS IN HEAT AND MASS TRANSFER	2022	10.5098/hmt.19.11	Emerging Sources Citation Index (ESCI)	WOS Proof
147	Sreedevi, P; Venkateswarlu, S	FOC-MOP: Fuzzy Optimal Clustering Based Multi-Objective Parameter Route Selection for Energy Efficiency	WIRELESS PERSONAL COMMUNICATIONS	2022	10.1007/s11277-022-09769-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
148	Londhe, A; Rao, PVRDP	Incremental Learning based Optimized Sentiment Classification using Hybrid Two-Stage LSTM-SVM Classifier	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
149	Thirupathaiah, K; Rao, LK; Ravi, B	Nanoplasmonic Directional Coupler Using Asymmetric Parallel Coupled MIM Waveguides	IEEE PHOTONICS TECHNOLOGY LETTERS	2022	10.1109/LPT.2022.3161930	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
150	Jadala, VC; Pasupuleti, SK; Baba, CMHS; Raju, SH; Ravinder, N	Analyzing and Detecting Advanced Persistent Threat Using Machine Learning Methodology	SUSTAINABLE COMMUNICATION NETWORKS AND APPLICATION, ICSCN 2021	2022	10.1007/978-981-16-6605-6_37	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
151	Jyoshna, G; Rahman, MZU	An Intelligent reference free adaptive learning algorithm for speech enhancement	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2022	10.3233/JIFS-211249	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
152	Nagalakshmi, T	Breast Cancer Semantic Segmentation for Accurate Breast Cancer Detection with an Ensemble Deep Neural Network	NEURAL PROCESSING LETTERS	2022	10.1007/s11063-022-10856-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
153	Srikar, T; Ratnamala, BSS; Lakshmi, VS	Evaluation and development of management model for sustainable value chain in Indian construction industry	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2021.12.186	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
154	Maddali, AK; Khan, H	Classification of disordered patient's voice by using pervasive computational algorithms	INTERNATIONAL JOURNAL OF PERVASIVE COMPUTING AND COMMUNICATIONS	2022	10.1108/IJPC-07-2021-0158	Emerging Sources Citation Index (ESCI)	WOS Proof
155	Anila, M; Pradeepini, G	Diagnosis of Parkinson's Disease Using Optimized Neural Network Model	DISTRIBUTED COMPUTING AND OPTIMIZATION TECHNIQUES, ICDCOT 2021	2022	10.1007/978-981-19-2281-7_35	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof

156	Banerjee, O; Govind, D; Dubey, AK; Gangashetty, SV	Significance of Dimensionality Reduction in CNN-Based Vowel Classification from Imagined Speech Using Electroencephalogram Signals	SPEECH AND COMPUTER, SPECOM 2022	2022	10.1007/978-3-031-20980-2_5	Conference Proceedings Citation Index - Science (CPCI-S); Conference Proceedings Citation Index - Social Science & Humanities (CPCI-SSH)	WOS Proof
157	Ganesh, GR; Sridhar, W	Effect of Chemical Reaction towards MHD Marginal Layer Movement of Casson Nanofluid through Porous Media above a Moving Plate with an Adaptable Thickness	PERTANIKA JOURNAL OF SCIENCE AND TECHNOLOGY	2022	10.47836/pjst.30.1.26	Emerging Sources Citation Index (ESCI)	WOS Proof
158	Nagalakshmi, PSS; Vijaya, N	ENTROPY GENERATION OF THREE DIMENSIONAL BINGHAM NANOFLUID FLOW WITH CARBON NANOTUBES PASSING THROUGH PARALLEL PLATES	FRONTIERS IN HEAT AND MASS TRANSFER	2022	10.5098/hmt.19.17	Emerging Sources Citation Index (ESCI)	WOS Proof
159	Indira, ND; Rao, MVG	Red deer optimization for automatic modulation classification using hybrid extreme learning machine with bagging classifier	INTERNATIONAL JOURNAL OF MODELING SIMULATION AND SCIENTIFIC COMPUTING	2022	10.1142/S1793962322500635	Emerging Sources Citation Index (ESCI)	WOS Proof
160	Sreedevi, P; Venkateswarlu, S	A fault tolerant optimal relay node selection algorithm for Wireless Sensor Networks using modified PSO	PERVASIVE AND MOBILE COMPUTING	2022	10.1016/j.pmcj.2022.101642	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
161	Patra, RK	Case Analysis II: Devastated but Determined-The Story of a Tribal Area Women Entrepreneur	VISION-THE JOURNAL OF BUSINESS PERSPECTIVE	2022	10.1177/09722629221076283	Emerging Sources Citation Index (ESCI)	WOS Proof
162	Bhagavan, K; Kavitha, M	Smart Devices to Detect Health Abnormalities	SUSTAINABLE COMMUNICATION NETWORKS AND APPLICATION, ICSCN 2021	2022	10.1007/978-981-16-6605-6_29	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
163	Garnepudi, A; KrishnaSudheer	A study of the appeal of celebrity endorsements in television advertisements	INTERNATIONAL JOURNAL OF EARLY CHILDHOOD SPECIAL EDUCATION	2022	10.9756/INT-JECSE/V14I3.263	Emerging Sources Citation Index (ESCI)	WOS Proof
164	Sirisha, B; Santhosh, C; Sunithamani, S; Kumar, MR; Prasanna, JL	Simulation and Analysis of Piezoelectric Energy Harvester with Various Proof-Mass Geometries	INTERNATIONAL JOURNAL OF ONLINE AND BIOMEDICAL ENGINEERING	2022	10.3991/ijoe.v18i07.30441	Emerging Sources Citation Index (ESCI)	WOS Proof
165	Venkat, PSN; Srinath, A; Kumar, GNS; Vijay, P; Venkatesh, R	Design and simulation of robot hand for writing and correction assistant applications	INTERNATIONAL JOURNAL OF INTELLIGENT UNMANNED SYSTEMS	2022	10.1108/IJIUS-09-2020-0058	Emerging Sources Citation Index (ESCI)	WOS Proof
166	Kumar, S; Rao, SK	Optimum capacity of hybrid renewable energy system suitable for fulfilling yearly load demand for a community building located at Vaddeswaram, Andhra Pradesh	ENERGY AND BUILDINGS	2022	10.1016/j.enbuild.2022.112570	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
167	Endoori, S; Anna, VR; Gulipalli, KC; Bodige, S; Pommidi, AK; Surapureddi, SR; Seelam, N	Synthesis, Characterization, and Anticancer Activity of Novel Imidazo[1,2-a]pyridine Linked 1,2,3-Triazole Derivatives	RUSSIAN JOURNAL OF GENERAL CHEMISTRY	2022	10.1134/S107036322210022X	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
168	Babu, VS; Vaidya, AS	An In-depth Analysis of Automatic Sleep Stage Categorization	INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND NETWORK SECURITY	2022	10.22937/IJCSNS.2022.22.9.106	Emerging Sources Citation Index (ESCI)	WOS Proof
169	Rao, PKV; Varma, GRP; Vivek, KS	Structural dynamic analysis of freight railway wagon using finite element analysis	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2022.04.770	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
170	Kimmatkar, NV; Babu, BV	Human Emotion Detection with Electroencephalography Signals and Accuracy Analysis Using Feature Fusion Techniques and a Multimodal Approach for Multiclass Classification	ENGINEERING TECHNOLOGY & APPLIED SCIENCE RESEARCH	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
171	Banchhor, C; Srinivasu, N	Holoentropy based Correlative Naive Bayes classifier and MapReduce model for classifying the big data	EVOLUTIONARY INTELLIGENCE	2022	10.1007/s12065-019-00276-9	Emerging Sources Citation Index (ESCI)	WOS Proof

172	Kazi, AM; Ramasastry, DVA	Effect of fibre content on physical properties of short roselle fibre epoxy composites	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2021.11.097	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
173	Vadlamudi, MN; Hussain, MDA	Design and implementation of energy-aware cross-layer routing protocol for wearable body area network	INTERNATIONAL JOURNAL OF PERVASIVE COMPUTING AND COMMUNICATIONS	2022	10.1108/IJPC-02-2021-0055	Emerging Sources Citation Index (ESCI)	WOS Proof
174	Aruna, S; Kuchibhotla, S	Enhancement of Student Attentiveness Using Deep Learning Techniques	INTERNATIONAL JOURNAL OF E-COLLABORATION	2022	10.4018/IJeC.307129	Emerging Sources Citation Index (ESCI)	WOS Proof
175	Venkateswarlu, B; Shenoi, VV	Optimized generative adversarial network with fractional calculus based feature fusion using Twitter stream for spam detection	INFORMATION SECURITY JOURNAL	2022	10.1080/19393555.2021.1956024	Emerging Sources Citation Index (ESCI)	WOS Proof
176	Bhardwaj, RJ; Rao, DS	Modified Neural Network-based Object Classification in Video Surveillance System	INTERNATIONAL JOURNAL OF NEXT-GENERATION COMPUTING	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
177	Nagalakshmi, P; Rajaputra, SS; Brahman, PK	Development of ternary Pd-Co-Ir metal nanoparticles decorated on graphene-CNTs hybrid support: An efficient electrocatalyst for hydrogen production from methanol reformation	ELECTROCHIMICA ACTA	2022	10.1016/j.electacta.2022.141229	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
178	Balaji, B; Rao, KS; Sravani, KG; Kalivaraprasad, B; Madhav, NVB; Chandahas, K; Jaswanth, B	Improved Drain Current Characteristics of HfO ₂ /SiO ₂ Dual Material Dual Gate Extension on Drain Side-TFET	SILICON	2022	10.1007/s12633-022-01955-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
179	Surekha, S; Rahman, MZU	Spectrum Sensing and Allocation Strategy for IoT Devices Using Continuous-Time Markov Chain-Based Game Theory Model	IEEE SENSORS LETTERS	2022	10.1109/LENS.2022.3156103	Emerging Sources Citation Index (ESCI)	WOS Proof
180	Siddiqui, N; Bhavana, P; Sarvani, V; Gurumanchi, S; Nambidi, S; Madhav, S; Reddy, S; Reddy, K; Rao, K	Impact of Metabolic Regulation in Understanding the Status of Human Health and Diseases: A Review	INTERNATIONAL JOURNAL OF LIFE SCIENCE AND PHARMA RESEARCH	2022	10.22376/ijpbs/lpr.2022.12.1.119-31	Emerging Sources Citation Index (ESCI)	WOS Proof
181	Sivakrishna, K; Ratnam, DV; Sivavaraprasad, G	A Bidirectional Deep-Learning Algorithm to Forecast Regional Ionospheric TEC Maps	IEEE JOURNAL OF SELECTED TOPICS IN APPLIED EARTH OBSERVATIONS AND REMOTE SENSING	2022	10.1109/JSTARS.2022.3180940	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
182	Reddy, KN; Bojja, P	A novel method to solve visual tracking problem: hybrid algorithm of grasshopper optimization algorithm and differential evolution	EVOLUTIONARY INTELLIGENCE	2022	10.1007/s12065-021-00567-0	Emerging Sources Citation Index (ESCI)	WOS Proof
183	Durga, BK; Rajesh, V	A ResNet deep learning based facial recognition design for future multimedia applications	COMPUTERS & ELECTRICAL ENGINEERING	2022	10.1016/j.compeleceng.2022.108384	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
184	Bhattacharjya, A	A Holistic Study on the Use of Blockchain Technology in CPS and IoT Architectures Maintaining the CIA Triad in Data Communication	INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND COMPUTER SCIENCE	2022	10.34768/amcs-2022-0029	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
185	Balram, G; Kumar, KK	Crop Field Monitoring and Disease Detection of Plants in Smart Agriculture using Internet of Things	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
186	Nalli, R; Subbarao, K; Ramamoorthi; Kirankumar, M	A NEW INTEGRATED AC-DC CONVERTER FED SENSORLESS CONTROLLING TECHNIQUE FOR A 3-PHASE BLDC MOTOR	JOURNAL OF ENGINEERING SCIENCE AND TECHNOLOGY	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
187	Shelar, MD; Rao, SS	Deep malware hunter based unrivaled malware detection schema thru cache retrospective empiricism	CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE	2022	10.1002/cpe.7025	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

188	Sonar, R; Swain, G	A hybrid steganography technique based on RR, AQVD, and QVC	INFORMATION SECURITY JOURNAL	2022	10.1080/19393555.2021.1912219	Emerging Sources Citation Index (ESCI)	WOS Proof
189	Harika, S; Krishna, BC	Multi-Objective Optimization- Oriented Resource Allocation in the Fog Environment: A New Hybrid Approach	INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY AND WEB ENGINEERING	2022	10.4018/IJITWE.297969	Emerging Sources Citation Index (ESCI)	WOS Proof
190	Prakash, RBR; Basavayya, V; Pandian, A; Muni, TV	Energy management system for DC microgrids	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2022.07.398	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
191	Manikyam, S; Kumar, PJ	Experimental Investigation And Surface Quality Parameters Optimization In WEDM Machining Of D-Series Tool Steels	ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	2022	10.1080/2374068X.2021.1946752	Emerging Sources Citation Index (ESCI)	WOS Proof
192	Dharmavarapu, P; Reddy, MBSS	Aramid fibre as potential reinforcement for polymer matrix composites: a review	EMERGENT MATERIALS	2022	10.1007/s42247-021-00246-x	Emerging Sources Citation Index (ESCI)	WOS Proof
193	Ambildhuke, G; Banik, BG	IoT based Portable Weather Station for Irrigation Management using Real-Time Parameters	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
194	Dattatraya, KN; Rao, KR	Hybrid based cluster head selection for maximizing network lifetime and energy efficiency in WSN	JOURNAL OF KING SAUD UNIVERSITY-COMPUTER AND INFORMATION SCIENCES	2022	10.1016/j.jksuci.2019.04.003	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
195	Basha, AR	A Review on Wireless Sensor Networks: Routing	WIRELESS PERSONAL COMMUNICATIONS	2022	10.1007/s11277-022-09583-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
196	Balaji, B; Rao, KS; Sravani, KG; Aditya, M	Design, Performance Analysis of GaAs/6H-SiC/AlGaN Metal Semiconductor FET in Submicron Technology	SILICON	2022	10.1007/s12633-021-01545-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
197	Chanumolu, R; Alla, L; Chirala, P; Chennampalli, NC; Kolla, BP	Multimodal Medical Imaging Using Modern Deep Learning Approaches	PROCEEDINGS OF 3RD IEEE CONFERENCE ON VLSI DEVICE, CIRCUIT AND SYSTEM (IEEE VLSI DCS 2022)	2022	10.1109/VLSIDCS53788.2022.9811498	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
198	Pandit, DP; Smitha, CC	SRSIoT: Toward a Specialized Approach of SRS for Smart IoT Applications	SUSTAINABLE COMMUNICATION NETWORKS AND APPLICATION, ICSCN 2021	2022	10.1007/978-981-16-6605-6_63	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
199	Spurthi, K; Shankar, TN	Hybrid Energy Efficient Secured Attribute based ZRP Aiding Authentic Data Transmission	JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH	2022		Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
200	Nayudu, PP; Sekhar, KR	Accountable specific attribute-based encryption scheme for cloud access control	INTERNATIONAL JOURNAL OF SYSTEM ASSURANCE ENGINEERING AND MANAGEMENT	2022	10.1007/s13198-022-01689-z	Emerging Sources Citation Index (ESCI)	WOS Proof
201	Ansari, SA; Karthik, D	Labor relation in construction industry in India	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2021.12.119	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
202	Pennada, N; Rajaputra, SS; Brahman, PK	Binary Pd-Co alloy nanoparticles decorated on graphene-Vulcan carbon hybrid support: An efficient and cost-effective electrocatalyst for hydrogen evolution reaction in electrochemical methanol reformation	JOURNAL OF ELECTROANALYTICAL CHEMISTRY	2022	10.1016/j.jelechem.2022.116351	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
203	Kalyani, NL; Prakash, KB	Soil Color as a Measurement for Estimation of Fertility using Deep Learning Techniques	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
204	Mondal, KCS	Ahalya's Awakening	LITERARY VOICE	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
205	Yarrakula, M; Prabakaran, N; Dabbakuti, JRKK	Modeling and prediction of TEC based on multivariate analysis and kernel-based extreme learning machine	ASTROPHYSICS AND SPACE SCIENCE	2022	10.1007/s10509-022-04062-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

206	Sivavaraprasad, G; Mallika, IL; Sivakrishna, K	A novel hybrid Machine learning model to forecast ionospheric TEC over Low-latitude GNSS stations	ADVANCES IN SPACE RESEARCH	2022	10.1016/j.asr.2021.11.033	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
207	Kodali, SP; Rao, BN	An Evolutionary Tomographic Reconstruction Procedure for Defect Identification Using Time-of-Flight of Ultrasound	RECENT ADVANCES IN INDUSTRIAL PRODUCTION, ICEM 2020	2022	10.1007/978-981-16-5281-3_46	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
208	Prassanna, PL; Sandeep, S; Rao, K; Sasidhar, T; Lavanya, DR; Deepthi, G; SriLakshmi, NV; Mounika, P; Govardhani, U	Image Classification Based on Convolutional Neural Network	SUSTAINABLE COMMUNICATION NETWORKS AND APPLICATION, ICSCN 2021	2022	10.1007/978-981-16-6605-6_64	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
209	Subhashini, PVCK; Rajesh, KVD	Manufacturing method of BSCF cathode for low-temperature solid oxide fuel cell-A review	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2022.04.653	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
210	Chaitanya, GK; Sekhar, KR	Verification of pattern unlock and gait behavioural authentication through a machine learning approach	INTERNATIONAL JOURNAL OF INTELLIGENT UNMANNED SYSTEMS	2022	10.1108/IJIUS-09-2020-0048	Emerging Sources Citation Index (ESCI)	WOS Proof
211	Lavanya, AL; Kumari, KGB; Prasad, KRS; Brahman, PK	Fabrication of electrochemical sensor based on electrochemically co-deposited Ru-Co bimetallic nanoparticles on glassy carbon electrode: an analytical measurement tool for monitoring of hydrazine in water samples	INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY	2022	10.1080/03067319.2020.1726333	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
212	Venkateswarlu, B; Shenoi, VV; Tumuluru, P	CAViaR-WS-based HAN: conditional autoregressive value at risk-water sailfish-based hierarchical attention network for emotion classification in COVID-19 text review data	SOCIAL NETWORK ANALYSIS AND MINING	2022	10.1007/s13278-021-00843-y	Emerging Sources Citation Index (ESCI)	WOS Proof
213	Praveena, M; Rao, MK	Detecting Brain Diseases using Hyper Integral Segmentation Approach (HISA) and Reinforcement Learning	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
214	Endoori, S; Anna, VR; Gulipalli, KC; Bodige, S; Pommidi, AK; Surapureddi, SR; Seelam, N	Synthesis, Characterization, and Anticancer Activity of Novel Imidazo[1,2-a]pyridine Linked 1,2,3-Triazole Derivatives	RUSSIAN JOURNAL OF GENERAL CHEMISTRY	2022	10.1134/S1070363222090195	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC)	WOS Proof
215	Sreedevi, P; Venkateswarlu, S	Comparative analysis of energy efficient routing protocols with optimization in WSN	INTERNATIONAL JOURNAL OF INTERACTIVE DESIGN AND MANUFACTURING - IJIDEM	2022	10.1007/s12008-022-00958-2	Emerging Sources Citation Index (ESCI)	WOS Proof
216	Surekha, S; Rahman, MZU	Cognitive Energy-Aware Spectrum Sensing With Improved Throughput for Medical Sensor Networks	IEEE SENSORS LETTERS	2022	10.1109/LENS.2022.3180629	Emerging Sources Citation Index (ESCI)	WOS Proof
217	Roshini, A; Kiran, KVD	An Enhanced Posture Prediction-Bayesian Network Algorithm for Sleep Posture Recognition in Wireless Body Area Networks	INTERNATIONAL JOURNAL OF TELEMEDICINE AND APPLICATIONS	2022	10.1155/2022/3102545	Emerging Sources Citation Index (ESCI)	WOS Proof
218	Kumar, DA; Sastry, ASCS; Kishore, PVV; Kumar, EK	3D sign language recognition using spatio temporal graph kernels	JOURNAL OF KING SAUD UNIVERSITY-COMPUTER AND INFORMATION SCIENCES	2022	10.1016/j.jksuci.2018.11.008	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
219	Aditya, M; Rao, KS; Balaji, B; Sravani, KG	Comparison of Drain Current Characteristics of Advanced MOSFET Structures-a Review	SILICON	2022	10.1007/s12633-021-01638-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
220	Funde, S; Swain, G	Big Data Privacy and Security Using Abundant Data Recovery Techniques and Data Obliviousness Methodologies	IEEE ACCESS	2022	10.1109/ACCESS.2022.3211304	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
221	Gandhi, SG; Govardhani, I; Narayana, MV	An Advanced Real Time Lead RF-MEMS Based Switch Design for AI Applications	INTERNATIONAL JOURNAL OF INTEGRATED ENGINEERING	2022	10.30880/ijie.2022.14.07.003	Emerging Sources Citation Index (ESCI)	WOS Proof

222	Kusumanchi, TPSK; Pappula, L; Vankayalapati, S; Venkatasasthy, DSSN; Nikhil, GS; Konagalla, SK	Design of compact broadband and high gain folded dipole antenna with superstate(FDASS) for millimetre and 5G Applications	2022 SECOND INTERNATIONAL CONFERENCE ON ADVANCES IN ELECTRICAL, COMPUTING, COMMUNICATION AND SUSTAINABLE TECHNOLOGIES (ICAECT)	2022	10.1109/ICAECT54875.2022.9808042	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
223	More, GV; Rao, YVH	Thermogravimetric study and combustion characteristics of biodiesel blends produced from repurpose used cooking oil	INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY	2022	10.1007/s13762-021-03474-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
224	Kuna, SL; Prasad, AVK	An Efficient Meta-Heuristic-Feature Fusion Model using Deep Neuro-Fuzzy Classifier	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
225	Yasin, SA; Rao, PVRDP	Enhanced CRNN-Based Optimal Web Page Classification and Improved Tunicate Swarm Algorithm-Based Re-Ranking	INTERNATIONAL JOURNAL OF UNCERTAINTY FUZZINESS AND KNOWLEDGE-BASED SYSTEMS	2022	10.1142/S0218488522500246	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
226	Puri, GD; Haritha, D	Improving Privacy Preservation Approach for Healthcare Data using Frequency Distribution of Delicate Information	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
227	Peteti, J; Rao, AV; Reddy, MAK	Experimental study on strength properties of self-curing concrete with fly ash and GGBS	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2022.06.191	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
228	Varish, N	A modified similarity measurement for image retrieval scheme using fusion of color, texture and shape moments	MULTIMEDIA TOOLS AND APPLICATIONS	2022	10.1007/s11042-022-12289-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
229	Jyothi, NM; Madhusudhanan, S; Muralimohan, V	A Novel Health Model Using NuSVC to Predict Severity of Asthma on The basis Of Cough Audio Signal	INTERNATIONAL JOURNAL OF NEXT-GENERATION COMPUTING	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
230	Rao, SK; Jagan, BOL	Passive Target Tracking in Underwater Environment using Bearing and Frequency Measurements	OCEANS 2022	2022	10.1109/OCEANSSchennai45887.2022.9775362	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
231	Sattenapalli, NC; Areti, AR; Gudhanti, SNKR; Kulandivelu, U; Alavala, RR	Steroid versus Non-Steroid Regimen in Treating Duchenne Muscular Dystrophy: An Observational Study from South India	INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES	2022	10.36468/pharmaceutical-sciences.898	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
232	Sri, PAV; Naik, KK	U-Slotted Elliptical Shape Patch Antenna for UWB On-Body Communications	PROGRESS IN ELECTROMAGNETICS RESEARCH LETTERS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
233	Chandol, MK; Rao, MK	Border Collie Cat Optimization for Intrusion Detection System in Healthcare IoT Network Using Deep Recurrent Neural Network	COMPUTER JOURNAL	2022	10.1093/comjnl/bxab136	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
234	Chidella, K; Seelam, NV; Cherukumalli, PKR; Reddy, NJ; Kumar, JVS	Design, synthesis and biological evaluation of substituted amide derivatives of isoxazole-thieno[2,3-d]pyrimidines as anticancer agents	CHEMICAL DATA COLLECTIONS	2022	10.1016/j.cdc.2022.100919	Emerging Sources Citation Index (ESCI)	WOS Proof
235	Raju, M; Lavanya, S	Enhancing Speaking Skills by Socratic Questioning Method (An investigational study on undergraduate students)	LITERARY VOICE	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
236	Chari, KJB; Rao, VR	Durability and Microstructure Characteristics of Concrete with Supplementary Cementitious Materials	CIVIL ENGINEERING JOURNAL-TEHRAN	2022	10.28991/CEJ-2022-08-04-05	Emerging Sources Citation Index (ESCI)	WOS Proof
237	Pennada, N; Rajaputra, SS; Brahman, PK	Development of Noval Electrocatalyst Based on Graphene Supported Palladium-cobalt Nanoparticles as Hydrogen Evolution Catalyst for the Cost Effective Production of Hydrogen from Methanol	ELECTROANALYSIS	2022	10.1002/elan.202200029	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
238	Basith, KA; Shankar, TN	Hybrid state analysis with improved firefly optimized linear congestion models of WSNs for DDOS & CRA attacks	PEERJ COMPUTER SCIENCE	2022	10.7717/peerj-cs.845	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

239	Agrawal, M; Moparthi, NR	An Efficient Cross domain feature extraction based classification model for aspect sentiment analysis	INTERNATIONAL JOURNAL OF EARLY CHILDHOOD SPECIAL EDUCATION	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
240	Ganesan, T; Rajarajeswari, P	Efficient sensor node connectivity and target coverage using genetic algorithm with Daubechies 4 lifting wavelet transform	INTERNATIONAL JOURNAL OF COMMUNICATION NETWORKS AND DISTRIBUTED SYSTEMS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
241	Stallin, A; Kumar, KP; Prabha, B	Hidden Image Watermarking based on Frequency Domain Technique	2022 SECOND INTERNATIONAL CONFERENCE ON ADVANCES IN ELECTRICAL, COMPUTING, COMMUNICATION AND SUSTAINABLE TECHNOLOGIES (ICAECT)	2022	10.1109/ICAECT54875.2022.9807883	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
242	Sravani, KG; Gopichand, C; Rao, KS	Design and Analysis of a Serpentine Type RF MEMS Shunt Switch with Low Pull-in-Voltage	TRANSACTIONS ON ELECTRICAL AND ELECTRONIC MATERIALS	2022	10.1007/s42341-021-00358-5	Emerging Sources Citation Index (ESCI)	WOS Proof
243	Dudi, B; Rajesh, V	Optimized threshold-based convolutional neural network for plant leaf classification: a challenge towards untrained data	JOURNAL OF COMBINATORIAL OPTIMIZATION	2022	10.1007/s10878-021-00770-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
244	Baburao, D; Pavankumar, T; Prabhu, CSR	A novel application framework for resource optimization, service migration, and load balancing in fog computing environment	APPLIED NANOSCIENCE	2022	10.1007/s13204-021-02143-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
245	Rajeswari, G; Rani, PI	Face occlusion removal for face recognition using the related face by structural similarity index measure and principal component analysis	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2022	10.3233/JIFS-211890	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
246	Sumalakshmi, CH; Vasuki, P	Fused deep learning based Facial Expression Recognition of students in online learning mode	CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE	2022	10.1002/cpe.7137	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
247	Rao, KS; Aditya, M; Raja, BSDK; Manisai, CH; Reddy, MTS; Sravani, KG	DESIGN AND PERFORMANCE ANALYSIS OF FULL ADDER USING 6-T XOR-XNOR CELL	FACTA UNIVERSITATIS-SERIES ELECTRONICS AND ENERGETICS	2022	10.2298/FUEE2202187R	Emerging Sources Citation Index (ESCI)	WOS Proof
248	Kishor, K; Sharma, R; Chhabra, M	Student Performance Prediction Using Technology of Machine Learning	MICRO-ELECTRONICS AND TELECOMMUNICATION ENGINEERING, ICMETE 2021	2022	10.1007/978-981-16-8721-1_53	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
249	Bapayya, K; Rao, BK	Implementation of Reed-Solomon Coder and Decoder Using Raspberry PI for Image Applications	ADVANCES IN SIGNAL PROCESSING AND COMMUNICATION ENGINEERING, ICASPACE 2021	2022	10.1007/978-981-19-5550-1_41	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
250	Kumar, KP; Rao, MVG; Venkatanarayana, M	Adaptive Higher-Order Spectral Analysis for Image Recovery Under Distortion of Moving Water Surface Using Dragonfly-Colliding Bodies Optimization (vol 23, 19, 2022)	SENSING AND IMAGING	2022	10.1007/s11220-022-00393-3	Emerging Sources Citation Index (ESCI)	WOS Proof
251	Guguloth, SK; Malothu, N; Prasanth, DSNBK	GC-MS Analysis and Thrombolytic Property of Methanolic Leaf Extracts of Terminalia pallida Brandis against Carrageenan Instigated Tail Thrombosis Model in Mice	PHARMACOGNOSY RESEARCH	2022	10.5530/pres.14.1.9	Emerging Sources Citation Index (ESCI)	WOS Proof
252	Pachala, PK; Bojja, P	Development of Medical Image Analytics by Deep Learning Model for Prediction and Classification of CT Image Diseases	TRAITEMENT DU SIGNAL	2022	10.18280/ts.390639	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
253	Kumar, SVR; Rao, LK; Kumar, MK	Design of Ternary Logic Circuits using Pseudo N-type CNTFETs	ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY	2022	10.1149/2162-8777/ac9ff2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
254	Moturi, S; Vemuru, S; Rao, SNT	TWO PHASE PARALLEL FRAMEWORK FOR WEIGHTED COALESCE RULE MINING: A FAST HEART DISEASE AND BREAST CANCER PREDICTION PARADIGM	BIOMEDICAL ENGINEERING-APPLICATIONS BASIS COMMUNICATIONS	2022	10.4015/S1016237222500107	Emerging Sources Citation Index (ESCI)	WOS Proof
255	Kumar, NS; Ramesh, KS; Maheswary, A; Revathi, R	A NOVEL CSINR TECHNIQUE FOR ACCURATE AND PRECISE GPS COMMUNICATION BY GEOGRAPHICAL CENTRIC SELF-LEARNING NODES	SCALABLE COMPUTING-PRACTICE AND EXPERIENCE	2022	10.12694/scpe.v23i4.2026	Emerging Sources Citation Index (ESCI)	WOS Proof

256	Babu, NR; Raju, RS; Malothu, N; Padmavathi, Y	Synthesis, Characterization, Anti-tubercular Evaluation, and Teratogenicity Studies of Novel 5-(4-fluorobenzoyl) tetrahydro benzamidazoquinazoline Derivatives	INTERNATIONAL JOURNAL OF PHARMACEUTICAL INVESTIGATION	2022	10.5530/ijpi.2022.4.76	Emerging Sources Citation Index (ESCI)	WOS Proof
257	Yakkaluri, PR; Kavuluru, LN; Mantrala, KM; Boddapati, MTP	PROPHECY OF WEAR RATE AND MICROHARDNESS OF COMMERCIAL MATERIALS BY EXPERIMENTATION AND ARTIFICIAL NEURAL NETWORKS	JOURNAL OF ENGINEERING SCIENCE AND TECHNOLOGY	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
258	Ahmad, N; Atoum, I; Khan, J; Alqahhas, Y	ICT Application and Use in Health Sciences Research at the Global Level: A Scientometric Study	HEALTHCARE	2022	10.3390/healthcare10091701	Science Citation Index Expanded (SCI-EXPANDED); Social Science Citation Index (SSCI)	WOS Proof
259	Ghulanavar, R; Jagadeesh, A; Dama, KK	Faulty gear diagnosis using weighted PCA with swish activated BLSTM classifier	MULTIMEDIA TOOLS AND APPLICATIONS	2022	10.1007/s11042-022-12823-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
260	Mahidhar, K; Rooban, S; Tayal, S; Jena, B	An insight into the performance analysis of GAA MOSFET for different dielectrics at cryogenic temperatures	CRYOGENICS	2022	10.1016/j.cryogenics.2022.103425	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
261	Mohammed, NR; Mohammed, M	Multi-viewpoints visual models for efficient modeling and analysis of Twitter based health-care services	INTERNATIONAL JOURNAL OF PERVASIVE COMPUTING AND COMMUNICATIONS	2022	10.1108/IJPC-06-2021-0140	Emerging Sources Citation Index (ESCI)	WOS Proof
262	VenkateswaraRao, T; Ananth, DVN	Torque ripple reduction of a brushless DC motor using Y-source converter	JOURNAL OF ENGINEERING RESEARCH	2022	10.36909/jer.10059	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
263	Suvarna, V; Deshmukh, K; Murahari, M	miRNA and antisense oligonucleotide-based α -synuclein targeting as disease-modifying therapeutics in Parkinson's disease	FRONTIERS IN PHARMACOLOGY	2022	10.3389/fphar.2022.1034072	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
264	Galvao, BRL; Mondal, T	Editorial: Structure and dynamics of atmospheric, plasma, and astrochemical molecular processes	FRONTIERS IN PHYSICS	2022	10.3389/fphy.2022.1067474	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
265	Shafi, S; Ratnam, DV	An Efficient Cross Layer Design of Stability Based Clustering Scheme Using Ant Colony Optimization in VANETs	WIRELESS PERSONAL COMMUNICATIONS	2022	10.1007/s11277-022-09849-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
266	Sridevi, J; Prasad, CR; Vasanth, K	Impact of Distance Measure on Kriging Interpolation on Natural Images Corrupted by Drop-Out Noise	ADVANCES IN SIGNAL PROCESSING AND COMMUNICATION ENGINEERING, ICASPACE 2021	2022	10.1007/978-981-19-5550-1_40	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
267	Jadalal, NB; Sridharl, M; Ratnaml, DV; Dutta, G	Assessment of machine learning techniques for prediction of integrated water vapor using meteorological data	VIETNAM JOURNAL OF EARTH SCIENCES	2022	10.15625/2615-9783/17373	Emerging Sources Citation Index (ESCI)	WOS Proof
268	Kumar, KP; Rao, MVG; Venkatanarayana, M	Adaptive Higher-Order Spectral Analysis for Image Recovery Under Distortion of Moving Water Surface using Dragonfly-Colliding Bodies Optimization	SENSING AND IMAGING	2022	10.1007/s11220-022-00388-0	Emerging Sources Citation Index (ESCI)	WOS Proof
269	Umanath, K; Nithyanandhan, T; Ajayan, A; Devika, D; Prasath, MG; Kumar, SA; Ganeesh, R	Machinability study of Aluminium 6082 reinforced with boron carbide and titanium by stir casting method using Abrasive water jet machining process	ENGINEERING RESEARCH EXPRESS	2022	10.1088/2631-8695/ac4ab3	Emerging Sources Citation Index (ESCI)	WOS Proof
270	Shafi, S; Ratnam, DV	A trust based energy and mobility aware routing protocol to improve infotainment services in VANETs	PEER-TO-PEER NETWORKING AND APPLICATIONS	2022	10.1007/s12083-021-01272-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

271	Sunitha, L; Raju, MB	Support Vector Machine Optimization Using Secant Hyperplane Kernel	PROCEEDINGS OF SECOND INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTER ENGINEERING AND COMMUNICATION SYSTEMS, ICACECS 2021	2022	10.1007/978-981-16-7389-4_31	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
272	Shaikh, FJ; Rao, DS	Prediction of Cancer Disease using Machine learning Approach	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2021.03.625	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
273	Kumar, TR; Shanmugan, S; Sundari, GS; Devi, NSMPL; Abhiram, N; Palanikumar, G	Experimental Investigation on the Performance of a Solar Still Using SiO ₂ Nanoparticles /Jatropha curcas L	SILICON	2022	10.1007/s12633-021-01119-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
274	Kolli, S; Krishna, AVP; Sreedevi, M	A META HEURISTIC MULTI-VIEW DATA ANALYSIS OVER UNCONDITIONAL LABELED MATERIAL: AN INTELLIGENCE OCMHAMCV	SCALABLE COMPUTING-PRACTICE AND EXPERIENCE	2022	10.12694/scpe.v23i4.2030	Emerging Sources Citation Index (ESCI)	WOS Proof
275	Rao, PKV; Putsala, KSK; Muthupandi, M; Mojeswararao, D	Numerical analysis on space frame chassis of a formula student race car	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2022.04.077	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
276	Pasupula, R; Pasupula, S	Newer advances in pharmacological and non Pharmacological management of Autism	INDIAN JOURNAL OF PSYCHIATRY	2022		Science Citation Index Expanded (SCI-EXPANDED); Social Science Citation Index (SSCI)	WOS Proof
277	Bharadwaja, K; Rao, S; Rao, TB	Epoxy Reinforced with Nano-Al ₂ O ₃ Particles: Mechanical and Tribological Behavior	INTERNATIONAL JOURNAL OF EARLY CHILDHOOD SPECIAL EDUCATION	2022	10.9756/INT-JECSE/V14I3.532	Emerging Sources Citation Index (ESCI)	WOS Proof
278	Kumar, KA; Boda, R	A Multi-Objective Randomly Updated Beetle Swarm and Multi-Verse Optimization for Brain Tumor Segmentation and Classification	COMPUTER JOURNAL	2022	10.1093/comjnl/bxab171	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
279	Reddy, GN; Gudisela, MR; Boddiboyena, R; Prasad, KRS	Total synthesis of Sumalactone A	SYNTHETIC COMMUNICATIONS	2022	10.1080/00397911.2022.2111527	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC); Current Chemical Reactions (CCR-EXPANDED)	WOS Proof
280	Chintalapudi, VK; Kanamarlapudi, RKSL; Mallu, UR; Muddada, S	Characterization of biosorption potential of Brevibacillus biomass isolated from contaminated water resources for removal of Pb (II) ions	WATER SCIENCE AND TECHNOLOGY	2022	10.2166/wst.2022.110	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
281	Reddy, KV; Reddy, GVR; Chamkha, AJ	Effects of Viscous Dissipation and Thermal Radiation on an Electrically Conducting Casson-Carreau Nanofluids Flow with Cattaneo-Christov Heat Flux Model	JOURNAL OF NANOFUIDS	2022	10.1166/jon.2022.1836	Emerging Sources Citation Index (ESCI)	WOS Proof
282	Badisa, A; Madhav, BTP; Nadh, BP	A Circularly Polarized, Flexible and Compact Quad-Band Wearable Antenna for Off-Body Communication Applications	JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS	2022	10.1142/S0218126622500578	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
283	Deepthi, G; SriLakshmi, NV; Mounika, P; Govardhani, U; Prassanna, PL; Kavitha, S; Kumar, AD	Linguistic Steganography Based on Automatically Generated Paraphrases Using Recurrent Neural Networks	MOBILE COMPUTING AND SUSTAINABLE INFORMATICS	2022	10.1007/978-981-16-1866-6_55	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
284	Naik, KK; Nag, MSRK	Design of single-band antenna with T-shaped patch for wireless applications	MICROWAVE AND OPTICAL TECHNOLOGY LETTERS	2022	10.1002/mop.33372	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

285	Addala, VK; Pasupuleti, B; Jainendrababu, VV; Dabbakuti, JRKK; Anumandla, KK	Implementation of Logistic Map based Differential Evolution for Channel Distribution in Cognitive Radio Networks	2022 SECOND INTERNATIONAL CONFERENCE ON ADVANCES IN ELECTRICAL, COMPUTING, COMMUNICATION AND SUSTAINABLE TECHNOLOGIES (ICAECT)	2022	10.1109/ICAECT54875.2022.9807653	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
286	Naik, A; Chokkalingam, PK	Binary social group optimization algorithm for solving 0-1 knapsack problem	DECISION SCIENCE LETTERS	2022	10.5267/j.dsl.2021.8.004	Emerging Sources Citation Index (ESCI)	WOS Proof
287	Pavani, B; Narender, M; Prasanth, DSNB; Guntupalli, C	Development and validation of a novel bioanalytical method for the simultaneous determination of glecaprevir and pibrentasvir in human plasma using reversed-phase high-performance liquid chromatography	EGYPTIAN PHARMACEUTICAL JOURNAL	2022	10.4103/epj.epj_47_22	Emerging Sources Citation Index (ESCI)	WOS Proof
288	Ali, SA; Prasad, MVD; Kumar, PP; Kishore, PVV	Deep Multi View Spatio Temporal Spectral Feature Embedding on Skeletal Sign Language Videos for Recognition	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
289	Sivakrishna, K; Ratnam, DV; Sivavaraprasad, G	Support Vector Regression model to predict TEC for GNSS signals	ACTA GEOPHYSICA	2022	10.1007/s11600-022-00954-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
290	Kosuru, SNVJD; Swain, G; Kumar, N; Pradhan, A	Image tamper detection and correction using Merkle tree and remainder value differencing	OPTIK	2022	10.1016/j.ijleo.2022.169212	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
291	Sravani, SS; Balaji, B; Rao, KS; Babu, AN; Aditya, M; Sravani, KG	A Qualitative Review on Tunnel Field Effect Transistor-Operation, Advances, and Applications	SILICON	2022	10.1007/s12633-022-01660-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
292	Bedre, JS; Prasanna, PL	A Novel Facial Emotion Recognition Scheme Based on Graph Mining	SUSTAINABLE COMMUNICATION NETWORKS AND APPLICATION, ICSCN 2021	2022	10.1007/978-981-16-6605-6_65	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
293	Sreenivasulu, A; Rao, BVA	Stability and controllability for Volterra integro-dynamical matrix Sylvester impulsive system on time scales	JOURNAL OF APPLIED MATHEMATICS AND COMPUTING	2022	10.1007/s12190-021-01688-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
294	Uppala, PK; Gudhanti, SNKR; Alavala, RR; Prasanth, D; Vangoori, Y	Antioxidant and Hepatoprotective Activity of Aerides odorata Lour. on Alcohol Induced Liver Damage in Rats	INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES	2022		Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
295	Lakshmi, GV; Reddy, KH	Improved tunicate swarm search-based MPPT for photovoltaic on a grid-connected inverter system	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	2022	10.1007/s11356-022-21157-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
296	Ambildhuke, GM; Banik, BG	Performance Analysis of Ensemble Techniques for Rainfall Prediction: A Study Based on the Current Atmospheric Parameters	JOURNAL OF CLIMATE CHANGE	2022	10.3233/JCC220021	Emerging Sources Citation Index (ESCI)	WOS Proof
297	Dasare, A; Deepak, KT; Prasanna, M; Samudra, VK	TEXT TO SPEECH SYSTEM FOR LAMBANI - A ZERO RESOURCE, TRIBAL LANGUAGE OF INDIA	2022 25TH CONFERENCE OF THE ORIENTAL COCOSDA INTERNATIONAL COMMITTEE FOR THE CO-ORDINATION AND STANDARDISATION OF SPEECH DATABASES AND ASSESSMENT TECHNIQUES (O-COCOSDA 2022)	2022	10.1109/O-COCOSDA202257103.2022.9997838	Conference Proceedings Citation Index - Science (CPCI-S); Conference Proceedings Citation Index - Social Science & Humanities (CPCI-SSH)	WOS Proof
298	Rajesh, KVD; Pavan, MS; Gopal, RV; Mishra, H	Theoretical analysis on 3D printed lower jaw	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2022.04.917	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
299	Reddy, KS; Rao, YVH; Raju, VD	Influence of diethyl ether on the diesel engine diverse characteristics fuelled with waste plastic biodiesel	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2022.01.446	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
300	Panda, S; Jena, B; Dash, S	Ambipolarity Suppression of a Double Gate Tunnel FET using High-k Drain Dielectric Pocket	ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY	2022	10.1149/2162-8777/ac4d82	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

301	Ratankumar, SV; Rao, LK; Kumar, MK	Design of Multi-Valued Logic Circuit Using Carbon Nano Tube Field Transistors	CMC-COMPUTERS MATERIALS & CONTINUA	2022	10.32604/cmc.2022.027975	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
302	Swain, G; Pradhan, A	Image Steganography Using Remainder Replacement, Adaptive QVD and QVC	WIRELESS PERSONAL COMMUNICATIONS	2022	10.1007/s11277-021-09131-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
303	Vineetha, KV; Kumar, MS; Madhav, BTP; Devi, YU; Das, S	Flexible and Conformal Metamaterial based Microwave Absorber for WLAN, Wi-MAX and ISM Band Applications	MATERIALS TECHNOLOGY	2022	10.1080/10667857.2020.1864194	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
304	Ramineni, P; Pandian, A; Kumar, MK; Sundaram, KM	Improved operation of Li-ion battery with supercapacitor realized to solar-electric vehicle	ENERGY REPORTS	2022	10.1016/j.egy.2022.10.191	Science Citation Index Expanded (SCI-EXPANDED); Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
305	Lakshmi, K; Rao, SK; Subrahmanyam, K	Uncertainty zone estimation of angles only tracking in undersea environment	OPTIK	2022	10.1016/j.ijleo.2022.169144	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
306	Chintalpudi, VK; Kanamarlapudi, RKSL; Mallu, UR; Muddada, S	Isolation, identification, biosorption optimization, characterization, isotherm, kinetic and application of novel bacterium Chelatococcus sp. biomass for removal of Pb (II) ions from aqueous solutions	INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY	2022	10.1007/s13762-021-03169-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
307	Kurhade, AS; Murali, G	Thermal control of IC chips using phase change material: A CFD investigation	INTERNATIONAL JOURNAL OF MODERN PHYSICS C	2022	10.1142/S0129183122501595	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
308	Sattenapalli, NC; Areti, AR; Rao, GSNK; Kulandaivelu, US; Alavala, RR; Manne, R	Study of Clinical Features and Diagnosis Pattern of Duchene Muscular Dystrophy in Southern India	JOURNAL OF NEUROSCIENCES IN RURAL PRACTICE	2022	10.1055/s-0041-1740614	Emerging Sources Citation Index (ESCI)	WOS Proof
309	Kavitha, J; Rao, KT	Dynamic resource allocation in cloud infrastructure using ant lion-based auto-regression model	INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS	2022	10.1002/dac.5071	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
310	Balaji, K; Kiran, PS; Kumar, MS	Power aware virtual machine placement in IaaS cloud using discrete firefly algorithm	APPLIED NANOSCIENCE	2022	10.1007/s13204-021-02337-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
311	Siddiqui, N; Karthik, K; Adapala, M; Renuka, V; Yashwanth, G; Golamari, SR	A Review On Electropun Chitosan Fibers For Bone Tissue Defects	INTERNATIONAL JOURNAL OF LIFE SCIENCE AND PHARMA RESEARCH	2022	10.22376/ijpbs/lpr.2022.12.1.L265-282	Emerging Sources Citation Index (ESCI)	WOS Proof
312	Kazi, AM; Ramasastry, DVA; Waddar, S	Characterization of interwoven roselle/sisal fiber reinforced epoxy composites	POLYMER COMPOSITES	2022	10.1002/pc.26462	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
313	Ghosh, R; Das, S; Mallick, SP; Beyene, Z	A review on the antimicrobial and antibiofilm activity of doped hydroxyapatite and its composites for biomedical applications	MATERIALS TODAY COMMUNICATIONS	2022	10.1016/j.mtcomm.2022.103311	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
314	Chary, UG; Kishore, KH	Low Voltage and Low Power Front Panel Design for 12 Lead ECG	IEEE ACCESS	2022	10.1109/ACCESS.2022.3184782	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
315	Naik, KK; Palla, R; Rani, SS; Sailaja, BVS	Design of Compact Bow-Tie Patch Antenna with Defected Concentric Rings on Ground for Wireless Communications	WIRELESS PERSONAL COMMUNICATIONS	2022	10.1007/s11277-022-09902-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
316	Sravanthi, PM; Madhavi, MR	NANOFLUID FLOW IN PRESENCE OF GYROTACTIC MICROORGANISMS ON THE STRETCHING SURFACE WITH MAGNETIC FIELD AND ACTIVATION ENERGY	FRONTIERS IN HEAT AND MASS TRANSFER	2022	10.5098/hmt.19.40	Emerging Sources Citation Index (ESCI)	WOS Proof

317	Sujatha, D; Shankar, C	AN EMPIRICAL STUDY ON PREDICTION OF INDIVIDUAL INVESTOR INTENTION TO INVEST: STRUCTURE EQUATION MODELLING	INTERNATIONAL JOURNAL OF EARLY CHILDHOOD SPECIAL EDUCATION	2022	10.9756/INT-JECSE/V14I3.284	Emerging Sources Citation Index (ESCI)	WOS Proof
318	Manjunath, L; Prabakaran, N	Smart Backhauling for 5G Heterogeneous Network with Millimeter Wave Backhaul Links to Perform Switching Off, Interference Management and Backhaul Routing	WIRELESS PERSONAL COMMUNICATIONS	2022	10.1007/s11277-021-09149-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
319	Vinjamuri, UR; Burthi, LR	Internet of things platform for energy management in multi-microgrid system to enhance power quality: ARBFNOCS technique	INTERNATIONAL JOURNAL OF NUMERICAL MODELLING-ELECTRONIC NETWORKS DEVICES AND FIELDS	2022	10.1002/jnm.2926	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
320	Singh, A; Singh, SK; Vege, HK; Singh, N	A Framework for Crime Detection and Diminution in Digital Forensics (CD3F)	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
321	Akalu, M; Vemulapati, B; Abayneh, T; Degefa, T; Deresse, G; Gelaye, E	Serotyping, antibiogram, and detection of bacterial pathogens associated with bovine respiratory disease in selected areas of Ethiopia	IRISH VETERINARY JOURNAL	2022	10.1186/s13620-022-00210-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
322	Chaudhari, S; Swain, G	Towards Lightweight Provable Data Possession for Cloud Storage Using Indistinguishability Obfuscation	IEEE ACCESS	2022	10.1109/ACCESS.2022.3159699	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
323	Marouthu, A; Srikanth, V; Deevi, HK; Kalluri, SK	Performance Analysis of Classification Models for Liver Disease Diagnosis	DISTRIBUTED COMPUTING AND OPTIMIZATION TECHNIQUES, ICDCOT 2021	2022	10.1007/978-981-19-2281-7_65	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
324	Nayak, DK; Muduli, A	Design of a GSM 900 Energy Harvesting Model for a Remote-Control Device	INTERNATIONAL JOURNAL OF ELECTRONICS AND TELECOMMUNICATIONS	2022	10.24425/ijet.2022.143884	Emerging Sources Citation Index (ESCI)	WOS Proof
325	Gundekari, S; Karmee, SK	Catalytic Hydropyrolysis of Lignin for the Preparation of Cyclic Hydrocarbon-Based Biofuels	CATALYSTS	2022	10.3390/catal12121651	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
326	Reddy, KV; Vijaya, K; Reddy, GVR	BUONGIORNO MODEL WITH BROWNIAN AND THERMOPHORETIC DIFFUSION FOR MHD CASSON NANOFLUID OVER AN INCLINED POROUS SURFACE	JOURNAL OF NAVAL ARCHITECTURE AND MARINE ENGINEERING	2022	10.3329/jname.v19i1.50863	Emerging Sources Citation Index (ESCI)	WOS Proof
327	Gayatri, M; Jayaramireddy, K; Babu, MJ	Nonlinear Convective Flow of Maxwell Fluid over a Slendering Stretching Sheet with Heat Source/Sink	JOURNAL OF APPLIED AND COMPUTATIONAL MECHANICS	2022	10.22055/JACM.2019.31394.1868	Emerging Sources Citation Index (ESCI)	WOS Proof
328	Katipelli, R; Kumari, SHV NK	Numerical analysis of the wall impact in the peristaltic pumping of a casson liquid in an inclined canal	INTERNATIONAL JOURNAL OF NONLINEAR ANALYSIS AND APPLICATIONS	2022	10.22075/ijnaa.2021.24467.2750	Emerging Sources Citation Index (ESCI)	WOS Proof
329	Oruganti, KP; Maneri, S	Empowering Classroom Pedagogy by Investigating Formative Assessment: Some Preliminary Observations	LITERARY VOICE	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
330	Mahanty, C; Kumar, R; Patro, SGK	Internet of Medical Things-Based COVID-19 Detection in CT Images Fused with Fuzzy Ensemble and Transfer Learning Models	NEW GENERATION COMPUTING	2022	10.1007/s00354-022-00176-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
331	Gollagi, SG; Jeneetha, JJ; Sakhamuri, S	Software defects Prediction Model with Self Improved optimization	INTERNATIONAL JOURNAL OF SOFTWARE INNOVATION	2022	10.4018/IJSI.309735	Emerging Sources Citation Index (ESCI)	WOS Proof
332	Kalyani, UV; Eswarlal, T; Rao, KVN; Iampan, A	Bipolar Fuzzy Magnified Translations in Groups	INTERNATIONAL JOURNAL OF ANALYSIS AND APPLICATIONS	2022	10.28924/2291-8639-20-2022-55	Emerging Sources Citation Index (ESCI)	WOS Proof
333	Prakash, PGO; Rahman, AA; Nagaraj, J; Sivakumar, N	Forecasting the User Prediction from Weblogs Using Improved IncSpan Algorithm	SUSTAINABLE COMMUNICATION NETWORKS AND APPLICATION, ICSCN 2021	2022	10.1007/978-981-16-6605-6_58	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
334	Bingu, R; Jothilakshmi, S; Srinivasu, N	A Comprehensive Review on Security and Privacy Preservation in Cloud Environment	SUSTAINABLE COMMUNICATION NETWORKS AND APPLICATION, ICSCN 2021	2022	10.1007/978-981-16-6605-6_54	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof

335	Ramana, KV; Mohan, KC; Ravindhranath, K; Babu, BH	BIO-SORBENT DERIVED FROM ANNONA SQUAMOSA FOR THE REMOVAL OF METHYL RED DYE IN POLLUTED WATERS: A STUDY ON ADSORPTION POTENTIAL	CHEMISTRY & CHEMICAL TECHNOLOGY	2022	10.23939/chcht16.02.274	Emerging Sources Citation Index (ESCI)	WOS Proof
336	Srinivas, S; Bakayaraj, R	Socio-Psychological Problems of the Protagonist in Kavita Kane's Karna's Wife: The Outcast's Queen. An Analytical Study	PALABRA	2022	10.19053/01218530.n43.2022.14075	Emerging Sources Citation Index (ESCI)	WOS Proof
337	Chaithanya, B; PrabhakaraChary, D; Kasiviswanath, IV	Design, Synthesis and Biological Screening of Novel 1,2,4-Thiadiazole Linked Acridine Derivatives	POLYCYCLIC AROMATIC COMPOUNDS	2022	10.1080/10406638.2021.2008456	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
338	Reddy, GVR; Sekhar, KVC; Falodun, BO	Multiple Slip Effects on Unsteady MHD Casson Nanofluid Flow over a Porous Stretching Sheet	JOURNAL OF APPLIED NONLINEAR DYNAMICS	2022	10.5890/JAND.2022.09.009	Emerging Sources Citation Index (ESCI)	WOS Proof
339	Bhimavarapu, U; Battineni, G	Skin Lesion Analysis for Melanoma Detection Using the Novel Deep Learning Model Fuzzy GC-SCNN	HEALTHCARE	2022	10.3390/healthcare10050962	Science Citation Index Expanded (SCI-EXPANDED); Social Science Citation Index (SSCI)	WOS Proof
340	Karthikeyan, S; Selvaraj, A; Venkateswarlu, M	Rotating significance of parabolical movement antique with an appearance on isothermal vertical plate by MHD	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2021.07.109	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
341	Murty, CSVVSN; Varma, GPS; Satyanarayana, C	Content-Based Collaborative Filtering with Hierarchical Agglomerative Clustering Using User/Item based Ratings	JOURNAL OF INTERCONNECTION NETWORKS	2022	10.1142/S0219265921410267	Emerging Sources Citation Index (ESCI)	WOS Proof
342	Bharathi, M; Akuru, UB; Kumar, MK	Comparative Design and Performance Analysis of 10 kW Rare-Earth and Non-Rare Earth Flux Reversal Wind Generators	ENERGIES	2022	10.3390/en15020636	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
343	Murthy, ASD; Karthikeyan, T; Kanna, RV	Gait-based person fall prediction using deep learning approach	SOFT COMPUTING	2022	10.1007/s00500-021-06125-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
344	Durgaprasadarao, P; Siddaiah, N	A Novel 3D Indoor Node Localization Technique Using Weighted Least Square Estimation with Oppositional Beetle Swarm Optimization Algorithm	INTERNATIONAL JOURNAL OF INTEGRATED ENGINEERING	2022	10.30880/ijie.2022.14.07.002	Emerging Sources Citation Index (ESCI)	WOS Proof
345	Mullaguri, SC; Akula, S; Sahoo, PS; Ashireddygar, VR; Mupparapu, V; Silveri, R; Burra, VLSP; Kancha, RK	Molecular docking analysis reveals differential binding affinities of multiple classes of selective inhibitors towards cancer-associated KRAS mutants	3 BIOTECH	2022	10.1007/s13205-022-03407-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
346	Deshpande, R; Tottempudi, VR; Reddy, BRS	KOCH FRACTAL ITERATIONS BASED T-PATCH ANTENNA FOR LOW GIGA HERTZ AND WIRELESS APPLICATIONS	2022 IEEE INTERNATIONAL RF AND MICROWAVE CONFERENCE, RFM	2022	10.1109/RFM56185.2022.10064786	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
347	Sri, PU; Pinnamaneni, R; Leelavathi, V	Phytochemical screening of Nelatangedu, Senna alexandrina L. by FTIR and GC-MS	INTERNATIONAL JOURNAL OF EARLY CHILDHOOD SPECIAL EDUCATION	2022	10.9756/INT-JECSE/V14I3.307	Emerging Sources Citation Index (ESCI)	WOS Proof
348	Challa, B; Rao, SS; Manne, P; Buddi, T; Satyanarayana, K	Experimental investigation and optimisation of α - β brass at elevated temperatures using Taguchi approach	ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	2022	10.1080/2374068X.2021.1945310	Emerging Sources Citation Index (ESCI)	WOS Proof
349	Aruna, S; Kuchibhotla, S	COGNITIVE PERCEPTION FOR SCHOLASTIC PURPOSES USING INNOVATIVE TEACHING STRATEGIES	SCALABLE COMPUTING-PRACTICE AND EXPERIENCE	2022	10.12694/scpe.v23i4.2011	Emerging Sources Citation Index (ESCI)	WOS Proof
350	Gangula, R; Mohan, VM; Kumar, MR	Network intrusion detection system for Internet of Things based on enhanced flower pollination algorithm and ensemble classifier	CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE	2022	10.1002/cpe.7103	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
351	Babu, GH; Venkatram, N	An efficient image dehazing using Googlenet based convolution neural networks	MULTIMEDIA TOOLS AND APPLICATIONS	2022	10.1007/s11042-022-13222-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

352	Venkatesh, C; Bojja, P	A Dynamic Optimization and Deep Learning Technique for Detection of Lung Cancer in CT Images and Data Access Through Internet of Things	WIRELESS PERSONAL COMMUNICATIONS	2022	10.1007/s11277-022-09676-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
353	Muna, LK; Sachidanandan, ERR; Veeramai, S	Greener Synthesized Copper Nanoparticles incorporated in Polyethylene Glycol/ Polyvinyl Alcohol Nanocomposite for Food Package Applications	JOURNAL OF NANOSTRUCTURES	2022	10.22052/JNS.2022.02.001	Emerging Sources Citation Index (ESCI)	WOS Proof
354	Mannepalli, K; Sastry, PN; Suman, M	Emotion recognition in speech signals using optimization based multi-SVNN classifier	JOURNAL OF KING SAUD UNIVERSITY-COMPUTER AND INFORMATION SCIENCES	2022	10.1016/j.jksuci.2018.11.012	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
355	Banchhor, C; Srinivasu, N	A comprehensive study of data intelligence in the context of big data analytics	WEB INTELLIGENCE	2022	10.3233/WEB-210480	Emerging Sources Citation Index (ESCI)	WOS Proof
356	Patel, A; Debnath, NC; Shukla, PK	SecureOnt: A Security Ontology for Establishing Data Provenance in Semantic Web	JOURNAL OF WEB ENGINEERING	2022	10.13052/jwe1540-9589.21415	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
357	Pala, SL; Biftu, WK; Suneetha, M; Ravindhranath, K	De-fluoridation studies: using Lanthanum-alginate-beads impregnated with green synthesized nSiO2 and active carbon of Terminalia Ivorensis plant as an effective adsorbent	INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY	2022	10.1007/s13762-021-03575-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
358	Yadlapalli, P; Bhavana, D	SEGMENTATION AND PRE-PROCESSING OF INTERSTITIAL LUNG DISEASE USING DEEP LEARNING MODEL	SCALABLE COMPUTING-PRACTICE AND EXPERIENCE	2022	10.12694/scpe.v23i4.2051	Emerging Sources Citation Index (ESCI)	WOS Proof
359	Nersu, VNKS; Annepu, BR; Rajaputra, SS; Patcha, SSB	Char of Tagetes erecta (African marigold) flower as a potential electrode material for supercapacitors	JOURNAL OF ELECTROCHEMICAL SCIENCE AND ENGINEERING	2022	10.5599/jese.1381	Emerging Sources Citation Index (ESCI)	WOS Proof
360	Saha, S; Saha, P; Talluri, N	Effects of quality of water on the setting times and compressive strength of concrete	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2022.01.252	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
361	Paul, A; Maity, SP	Reinforcement Learning Based Q-Routing: Performance Evaluation on Cognitive Radio Network Topologies	WIRELESS PERSONAL COMMUNICATIONS	2022	10.1007/s11277-022-09612-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
362	Khed, VC; Mahalakshmi, SHV; Achara, BE	Optimization of Manufactured-Sand (M-Sand) and Silica Fume Built-In Self-Compacting Rubber Create	IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF CIVIL ENGINEERING	2022	10.1007/s40996-022-00821-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
363	Rao, TV; Sridhar, M; Ratnam, DV; Kumar, BS	Study of Sporadic E layer effect on the F layer during 23rd June 2015 geomagnetic storm event	2022 URSI REGIONAL CONFERENCE ON RADIO SCIENCE, USRI-RCRS	2022		Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
364	Rooban, S; Leela, M; Rahman, MZU; Subbulakshmi, N; Manimegalai, R	Design of Low Power Transmission Gate Based 9T SRAM Cell	CMC-COMPUTERS MATERIALS & CONTINUA	2022	10.32604/cmc.2022.023934	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
365	Rani, VU; Burthi, LR	An efficient FBI-iForest approach- based home energy management system with RES under internet of things framework	INTERNATIONAL JOURNAL OF ENERGY RESEARCH	2022	10.1002/er.8471	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
366	Krishna, ST; Kalluri, HK	Automatic COVID-19 Diagnosis System Based on Deep Convolutional Neural Networks	TRAITEMENT DU SIGNAL	2022	10.18280/ts.390412	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
367	Chimaladenne, V; Surapureddi, RK; Valluru, KR; Kampli, A; Brahman, PK; Laxmi, SV	Microwave induced formal [2+1] Michael-cyclization cascade sequence of 3-ylidene oxindoles and pyridinium phenacyl salts	SYNTHETIC COMMUNICATIONS	2022	10.1080/00397911.2022.2087043	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC); Current Chemical Reactions (CCR-EXPANDED)	WOS Proof

368	Balajee, RM; Kannan, MKJ; Mohan, VM	Image-Based Authentication Security Improvement by Randomized Selection Approach	INVENTIVE COMPUTATION AND INFORMATION TECHNOLOGIES, ICICIT 2021	2022	10.1007/978-981-16-6723-7_6	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
369	Bitra, SK; Sridhar, M; Santhosh, C; Farmani, A	Terahertz analysis of a highly sensitive MIM-SRR-TiO2 nanostructure for bio-sensor applications with the FDTD method	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS	2022	10.1364/JOSAB.442887	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
370	Gandham, P; Pinnamaneni, R; Sharathchandra, RG	ZnT8 interaction with drug-like ligands- An in silico approach	INTERNATIONAL JOURNAL OF EARLY CHILDHOOD SPECIAL EDUCATION	2022	10.9756/INT-JECSE/V1413.203	Emerging Sources Citation Index (ESCI)	WOS Proof
371	Sivagar, MR; Prabakaran, N	Elite Opposition Based Metaheuristic Framework for Load Balancing in LTE Network	CMC-COMPUTERS MATERIALS & CONTINUA	2022	10.32604/cmc.2022.024273	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
372	Sangeetha, A; Shanmugan, S; Gorjian, S	Experimental evaluation and thermodynamic Gibbs free energy analysis of a double-slope U-shaped stepped basin solar still using activated carbon with ZnO nanoparticles	JOURNAL OF CLEANER PRODUCTION	2022	10.1016/j.jclepro.2022.135118	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
373	Jenan, R; Dammalage, TL; Panda, SK	Ionospheric TEC response to severe geomagnetic storm and annular solar eclipse through GNSS based TEC observations and assessment of IRI-2016 model and global ionosphere maps over Sri Lankan equatorial and low latitude region	ASTROPHYSICS AND SPACE SCIENCE	2022	10.1007/s10509-022-04051-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
374	Arunmetha, S; Praghash, K; Reddy, MG; Nirmala, S	Arming Farmers with Smart Farming: The Future of Agriculture	2022 IEEE 19TH INDIA COUNCIL INTERNATIONAL CONFERENCE, INDICON	2022	10.1109/INDICON56171.2022.10040150	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
375	Bulla, S; Basaveswararao, B; Rao, KG; Chandan, K; Swamy, SR	A secure new HRF mechanism for mitigate EDoS attacks	INTERNATIONAL JOURNAL OF AD HOC AND UBIQUITOUS COMPUTING	2022	10.1504/IJAHUC.2022.123524	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
376	Pasupula, R; Sankar, SBU; Kosanam, S; Priya, CN; Devi, CV; Deepika, BS	Congenital Hydrocephalus with Aqueductal Stenosis: A Rare Condition Case Report	INTERNATIONAL JOURNAL OF PHARMACEUTICAL INVESTIGATION	2022	10.5530/ijpi.2022.3.67	Emerging Sources Citation Index (ESCI)	WOS Proof
377	Swamy, KCT; Devanaboyina, VR; Shaik, TA	Double difference method with zero and short base length carrier phase measurements for Navigation with Indian Constellation satellites L5 (1176.45 MHz) signal quality analysis	INTERNATIONAL JOURNAL OF SATELLITE COMMUNICATIONS AND NETWORKING	2022	10.1002/sat.1441	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
378	Dedeepya, G; Shanmugan, S; Sundari, GS; Devi, NSMPL; Meenachi, M; Kiran, MG; Selvaraju, P	Dyes prepared from leaf extract of siriyangai (Andrographis Paniculata) with the effect of TiO2 based DSSCs	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2022.07.188	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
379	Varalakshmi, M; Rajyalakshmi, K	Measure of Rotatability for a Class of Balanced Ternary Design	COMMUNICATIONS IN MATHEMATICS AND APPLICATIONS	2022	10.26713/cma.v13i3.1823	Emerging Sources Citation Index (ESCI)	WOS Proof
380	Joshitha, C; Santhosh, C; Sreeja, BS; Rooban, S; Rao, GSNK	Bistable Microdevice with Electrothermal Compliant Mechanism	TRANSACTIONS ON ELECTRICAL AND ELECTRONIC MATERIALS	2022	10.1007/s42341-021-00345-w	Emerging Sources Citation Index (ESCI)	WOS Proof
381	Guguloth, SK; Malothu, N; Prasanth, DSNBK; Areti, AR	Evaluation of the Thrombolytic and Antioxidant Activity of Leaf Extracts of Plumbago zeylanica L.	INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH	2022	10.5530/ijper.56.4.200	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
382	Paul, A; Maity, SP	Machine Learning for Spectrum Information and Routing in Multihop Green Cognitive Radio Networks	IEEE TRANSACTIONS ON GREEN COMMUNICATIONS AND NETWORKING	2022	10.1109/TGCN.2021.3127308	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

383	Challa, B; Rao, SS	High Temperatures Deformation and Formability Evaluation Of α plus β Brass Sheet by Experimental and Theoretical Approaches	ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	2022	10.1080/2374068X.2022.2036044	Emerging Sources Citation Index (ESCI)	WOS Proof
384	Basha, NMJ; Ganapathy, G; Moulana, M	A Preliminary Exploration on Component Based Software Engineering	INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND NETWORK SECURITY	2022	10.22937/IJCSNS.2022.22.9.22	Emerging Sources Citation Index (ESCI)	WOS Proof
385	Shah, SSA; Park, H; Park, HJ; Kim, J; Mameda, N; Choo, KH	The relationship between quorum sensing dynamics and biological performances during anaerobic membrane bioreactor treatment	BIORESOURCE TECHNOLOGY	2022	10.1016/j.biortech.2022.127930	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
386	Bhimavarapu, U; Battineni, G	Automatic Microaneurysms Detection for Early Diagnosis of Diabetic Retinopathy Using Improved Discrete Particle Swarm Optimization	JOURNAL OF PERSONALIZED MEDICINE	2022	10.3390/jpm12020317	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
387	Nallapaty, S; Malothu, N; Pasupula, R; Ketha, A	Antidiabetic potential of leaf extracts of Ecobolium linneanum Kurz in streptozotocin-induced diabetic rats	JOURNAL OF PHARMACY & PHARMACOGNOSY RESEARCH	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
388	Mantravadi, N; Rahman, MZU; Surekha, S; Gupta, N	Spectrum sensing using energy measurement in wireless telemetry networks using logarithmic adaptive learning	ACTA IMEKO	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
389	Ranganadhareddy, A; Chandrasekhar, C	Polyhydroxyalkanoates, the Biopolymers of Microbial Origin- A Review	JOURNAL OF BIOCHEMICAL TECHNOLOGY	2022	10.51847/3qf2Wvuzl2	Emerging Sources Citation Index (ESCI)	WOS Proof
390	Budati, AK; Katta, RB	An automated brain tumor detection and classification from MRI images using machine learning techniques with IoT	ENVIRONMENT DEVELOPMENT AND SUSTAINABILITY	2022	10.1007/s10668-021-01861-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
391	Tayal, S; Bhattacharya, S; Jena, B; Ajayan, J; Muchahary, D; Singla, P	Linearity Performance and Harmonic Distortion Analysis of IGE Junctionless Silicon Nanotube-FET for Wireless Applications	SILICON	2022	10.1007/s12633-021-01313-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
392	Prabhakararaju, G; Prasad, DR; Sekhar, SC	ANALYSIS ON APPLICATIONS OF AN IOT BASED SDN SMART HEALTH MONITORING SYSTEM	INTERNATIONAL JOURNAL OF EARLY CHILDHOOD SPECIAL EDUCATION	2022	10.9756/INT-JECSE/V14I3.259	Emerging Sources Citation Index (ESCI)	WOS Proof
393	Yuvaraj, N; Raja, RA; Karthikeyan, T; Praghash, K	Improved Authentication in Secured Multicast Wireless Sensor Network (MWSN) Using Opposition Frog Leaping Algorithm to Resist Man-in-Middle Attack	WIRELESS PERSONAL COMMUNICATIONS	2022	10.1007/s11277-021-09209-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
394	Dey, A; Rahman, M; Ratnam, DV; Sharma, N	Automatic Detection of GNSS Ionospheric Scintillation Based on Extreme Gradient Boosting Technique	IEEE GEOSCIENCE AND REMOTE SENSING LETTERS	2022	10.1109/LGRS.2021.3091700	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
395	Ampavathi, A; Pradeepini, G; Saradhi, TV	Optimized Deep Learning-Enabled Hybrid Logistic Piece-Wise Chaotic Map for Secured Medical Data Storage System	INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY & DECISION MAKING	2022	10.1142/S0219622022500869	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
396	Ganesh, D; Kumar, MS; Reddy, PV; Kavitha, S; Murthy, DS	Implementation of AI Pop Bots and its allied Applications for Designing Efficient Curriculum in Early Childhood Education	INTERNATIONAL JOURNAL OF EARLY CHILDHOOD SPECIAL EDUCATION	2022	10.9756/INT-JECSE/V14I3.271	Emerging Sources Citation Index (ESCI)	WOS Proof
397	Jyothi, B; Vinnakoti, S; Varaprasad, MVG	Reduce Leakage Currents in Transformer less PVSystem Connected to Utility Grid with H-Bridge Inverter Topology	2022 SECOND INTERNATIONAL CONFERENCE ON ADVANCES IN ELECTRICAL, COMPUTING, COMMUNICATION AND SUSTAINABLE TECHNOLOGIES (ICAECT)	2022	10.1109/ICAECT54875.2022.9807952	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
398	Wagdarikar, AMU; Senapati, RK	A secure communication approach in OFDM using optimized interesting region-based video watermarking	INTERNATIONAL JOURNAL OF PERVASIVE COMPUTING AND COMMUNICATIONS	2022	10.1108/IJPCC-05-2019-0044	Emerging Sources Citation Index (ESCI)	WOS Proof
399	Sarala, Y; Mani, PS; Hila, K; Lalitha, GJ	Semipseudosymmetric hyperideals in ternary semihypergroups	ANNALS OF THE UNIVERSITY OF CRAIOVA-MATHEMATICS AND COMPUTER SCIENCE SERIES	2022	10.52846/ami.v49i2.1573	Emerging Sources Citation Index (ESCI)	WOS Proof
400	Vakiti, AR; Valluru, KR; Verma, SN; Kumar, JVS	Design, synthesis and anticancer evaluation of 1,2,4-oxadiazole incorporated structurally modified hippuric acid derivatives	CHEMICAL DATA COLLECTIONS	2022	10.1016/j.cdc.2022.100909	Emerging Sources Citation Index (ESCI)	WOS Proof

401	Gowroju, S; Aarti; Kumar, S	Review on secure traditional and machine learning algorithms for age prediction using IRIS image	MULTIMEDIA TOOLS AND APPLICATIONS	2022	10.1007/s11042-022-13355-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
402	Balajee, RM; Kannan, MKJ; Mohan, VM	Automatic Content Creation Mechanism and Rearranging Technique to Improve Cloud Storage Space	INVENTIVE COMPUTATION AND INFORMATION TECHNOLOGIES, ICICIT 2021	2022	10.1007/978-981-16-6723-7_7	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
403	Bhol, K; Jena, B; Nanda, U	Journey of MOSFET from Planar to Gate All Around: A Review	RECENT PATENTS ON NANOTECHNOLOGY	2022	10.2174/1872210515666210719102855	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
404	Murty, CSVVS; Varma, GPS; Chakravarthy, ASN	Content-Based Collaborative Filtering With Predictive Error Reduction-Based CNN Using IPU Model	INTERNATIONAL JOURNAL OF INFORMATION SECURITY AND PRIVACY	2022	10.4018/IJISP.308309	Emerging Sources Citation Index (ESCI)	WOS Proof
405	Vellanki, N; Govindarajan, M; Ganna, N; Chinnasamy, S	MATHEMATICAL MODELING FOR OUTPUT YIELD OBTAINED BY SINGLE SLOPE SOLAR STILL INTEGRATED WITH SAND TROUGHS	THERMAL SCIENCE	2022	10.2298/TSCI200910217V	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
406	Dharani, NP; Bojja, P	Analysis and Prediction of COVID-19 by using Recurrent LSTM Neural Network Model in Machine Learning	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
407	Das, S; Mohanta, BK; Jena, D	A state-of-the-art security and attacks analysis in blockchain applications network	INTERNATIONAL JOURNAL OF COMMUNICATION NETWORKS AND DISTRIBUTED SYSTEMS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
408	Vasanthi, G; Prabakaran, N	An improved approach for energy consumption minimizing in WSN using Harris hawks optimization	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2022	10.3233/JIFS-213252	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
409	Pala, SL; Biftu, WK; Suneetha, M; Ravindhranath, K	Simultaneous removal of lead and cadmium ions from simulant and industrial waste water: using Calophyllum Inophyllum plant materials as sorbents	INTERNATIONAL JOURNAL OF PHYTOREMEDIATION	2022	10.1080/15226514.2021.1961121	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
410	Bhol, K; Jena, B; Nanda, U	Silicon Nanowire GAA-MOSFET: a Workhorse in Nanotechnology for Future Semiconductor Devices	SILICON	2022	10.1007/s12633-021-01136-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
411	Nersu, VNKS; Annepu, BR; Patcha, SSB; Rajaputra, SS	Rice husk char as a potential electrode material for supercapacitors	JOURNAL OF ELECTROCHEMICAL SCIENCE AND ENGINEERING	2022	10.5599/jese.1310	Emerging Sources Citation Index (ESCI)	WOS Proof
412	Janumala, E; Govindarajan, M; Reddi, VRB; Chinnasamy, S	INVESTIGATIONS ON PHASE CHANGE MATERIALS FOR ENHANCEMENT OF THERMAL CONDUCTIVITY	THERMAL SCIENCE	2022	10.2298/TSCI201113219J	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
413	Londhe, A; Rao, PVRDP; Upadhyay, S; Jain, R	RETRACTED: Extracting Behavior Identification Features for Monitoring and Managing Speech-Dependent Smart Mental Illness Healthcare Systems (Retracted Article)	COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE	2022	10.1155/2022/8579640	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
414	Banchhor, C; Srinivasu, N	Grey Wolf Shuffled Shepherd Optimization Algorithm-Based Hybrid Deep Learning Classifier for Big Data Classification	INTERNATIONAL JOURNAL OF SWARM INTELLIGENCE RESEARCH	2022	10.4018/IJSIR.302612	Emerging Sources Citation Index (ESCI)	WOS Proof
415	Rao, TV; Sridhar, M; Ratnam, DV	An Automatic CAD's Ionogram Scaling Software Tool for Large Ionograms Data Analytics	IEEE ACCESS	2022	10.1109/ACCESS.2022.3153470	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
416	Bheemana, RC; Japa, A; Yellampalli, SS; Vaddi, R	Negative capacitance FETs for energy efficient and hardware secure logic designs	MICROELECTRONICS JOURNAL	2022	10.1016/j.mejo.2021.105320	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
417	Nagaraju, V; Murali, G; Sankeerthana, M; Murugan, M	A review on recent developments of solar stills to enhance productivity using nanoparticles and nano-PCM	INTERNATIONAL JOURNAL OF GREEN ENERGY	2022	10.1080/15435075.2021.1956935	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
418	Talasila, V; Narasingarao, MR; Mohan, VM	Optimized GAN for Text-to-Image Synthesis: Hybrid Whale Optimization Algorithm and Dragonfly Algorithm	ADVANCES IN ENGINEERING SOFTWARE	2022	10.1016/j.advengsoft.2022.103222	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

419	Rao, TV; Sridhar, M; Ratnam, DV	Auto-detection of sporadic E and spread F events from the digital ionograms	ADVANCES IN SPACE RESEARCH	2022	10.1016/j.asr.2022.05.046	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
420	Eali, SNJ; Bhattacharyya, D; Nakka, TR; Hong, SP	A Novel Approach in Bio-Medical Image Segmentation for Analyzing Brain Cancer Images with U-NET Semantic Segmentation and TPLD Models Using SVM	TRAITEMENT DU SIGNAL	2022	10.18280/ts.390203	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
421	Prasad, TR; Krishna, KR; Sharma, KV; Mantravadi, N	Viscosity and Thermal Conductivity of Cobalt and Silica Nanofluid in an Optimum Mixture of Glycerol and Water	COLLOID JOURNAL	2022	10.1134/S1061933X22020090	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
422	Reddy, CAK; Srinivasan, T; Venkatesh, B	Effect of plasma nitriding on M50 NiL steel-A review	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2021.10.494	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
423	Das, N; Chakraborty, B; RoyChaudhuri, C	A review on nanopores based protein sensing in complex analyte	TALANTA	2022	10.1016/j.talanta.2022.123368	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
424	Yuvaraj, N; Praghash, K; Karthikeyan, T	Data Privacy Preservation and Trade-off Balance Between Privacy and Utility Using Deep Adaptive Clustering and Elliptic Curve Digital Signature Algorithm	WIRELESS PERSONAL COMMUNICATIONS	2022	10.1007/s11277-021-09376-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
425	Bhattacharjya, A; Wisniewski, R; Nidumolu, V	Holistic Research on Blockchain's Consensus Protocol Mechanisms with Security and Concurrency Analysis Aspects of CPS	ELECTRONICS	2022	10.3390/electronics11172760	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
426	Reddy, MAK; Rao, VR; Khed, VC; Chaitanya, KN	Optimization of reinforced bentocrete column parameters under eccentric compression	STRUCTURES	2022	10.1016/j.istruc.2022.05.050	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
427	Misra, Y; Krishnaveni, K; Rajasekaran, AS	Implementation of NLOS based FPGA for distance estimation of elderly using indoor wireless sensor networks	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2022.01.087	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
428	Murthy, CVR; Rani, KJ	Flow of a second grade fluid down an inclined porous plate	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2021.07.231	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
429	Garrepalli, S; Gudipati, R; Amasa, SR; Ravindhranath, K; Pal, M	Synthesis of two diastereomeric impurities of a fluorinated antiretroviral drug dolutegravir	JOURNAL OF MOLECULAR STRUCTURE	2022	10.1016/j.molstruc.2021.132274	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
430	Parvez, MM; Shanmugam, J; Sangeetha, M; Ghali, VS	Coded Thermal Wave Imaging based Defect Detection in Composites using Neural Networks	INTERNATIONAL JOURNAL OF ENGINEERING	2022	10.5829/ije.2022.35.01a.08	Emerging Sources Citation Index (ESCI)	WOS Proof
431	Bharadwaja, K; Rao, SS; Baburao, T	Epoxy/SiO2 nanocomposite mechanical properties and tribological performance	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2021.12.172	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
432	Bhargav, NC; Challagulla, SP; Farsangi, EN	Prediction Model for Significant Duration of Strong Motion in India	JOURNAL OF APPLIED SCIENCE AND ENGINEERING	2022	10.6180/jase.202302_26(2).0014	Emerging Sources Citation Index (ESCI)	WOS Proof
433	Ranganadhareddy, A; Vijetha, P; Chandrasekhar, C	Bioplastic Production from Microalgae and their Applications- A Critical Review	JOURNAL OF BIOCHEMICAL TECHNOLOGY	2022	10.51847/H3pUzozErq	Emerging Sources Citation Index (ESCI)	WOS Proof
434	Talasila, V; Narasingarao, MR	BI-LSTM Based Encoding and GAN for Text-to-Image Synthesis	SENSING AND IMAGING	2022	10.1007/s11220-022-00390-6	Emerging Sources Citation Index (ESCI)	WOS Proof
435	Praghash, K; Metha, SA; Tanuja, BS; Preethi, K; Chandana, NPNS	Implementation and Investigation of an Optimal Full Adder Design for Low Power and Reduced Delay Conditions	WIRELESS PERSONAL COMMUNICATIONS	2022	10.1007/s11277-022-09851-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
436	Pinnamaneni, R; Puttagunta, US	Targeting Amide Herbicides by KARI of Staphylococcus aureus- an in silico Analysis	INTERNATIONAL JOURNAL OF PHARMACEUTICAL INVESTIGATION	2022	10.5530/ijpi.2022.3.49	Emerging Sources Citation Index (ESCI)	WOS Proof

437	Yuvaraj, N; Praghash, K; Raja, RA; Karthikeyan, T	An Investigation of Garbage Disposal Electric Vehicles (GDEVs) Integrated with Deep Neural Networking (DNN) and Intelligent Transportation System (ITS) in Smart City Management System (SCMS)	WIRELESS PERSONAL COMMUNICATIONS	2022	10.1007/s11277-021-09210-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
438	Uddaraju, S; Varma, GPS; Narasingarao, MR	PREDICTION OF NAC RESPONSE IN BREAST CANCER PATIENTS USING NEURAL NETWORK	SCALABLE COMPUTING-PRACTICE AND EXPERIENCE	2022	10.12694/scpe.v23i4.2021	Emerging Sources Citation Index (ESCI)	WOS Proof
439	Reddy, VHK; Rao, AV	Unexpected Formation of Indolylmethylene Bis-Meldrum's Acid Derivatives under Green Conditions	RUSSIAN JOURNAL OF ORGANIC CHEMISTRY	2022	10.1134/S1070428022090226	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC)	WOS Proof
440	Chellammal, P; Malarchelvi, SK; Reka, K; Raja, G	Fast and Effective Intrusion Detection Using Multi-Layered Deep Learning Networks	INTERNATIONAL JOURNAL OF WEB SERVICES RESEARCH	2022	10.4018/IJWSR.310057	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
441	Shanmugan, S; Selvaraju, P; Sivakumar, S; Nagaraj, J; Prasad, MVVKS; Abhiram, N	Solar cells absorption viewpoint of Mie theory: Experimental analysis of TiO2 doping V/Ce	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2021.07.110	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
442	Narayanan, PS; Runthala, A	Accurate computational evolution of proteins and its dependence on deep learning and machine learning strategies	BIOCATALYSIS AND BIOTRANSFORMATION	2022	10.1080/10242422.2022.2030317	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
443	Challa, VNSK; Podile, V; Burra, VK; Padmalatha, PSV; Nimmagadda, B	ASSESSMENT OF MARKETING MIX VARIABLES ON CUSTOMER SATISFACTION: A STRUCTURAL TREATISE ON SBI BANK CUSTOMERS	INTERNATIONAL JOURNAL OF EARLY CHILDHOOD SPECIAL EDUCATION	2022	10.9756/INT-JECSE/V14I3.315	Emerging Sources Citation Index (ESCI)	WOS Proof
444	Khan, MS; Lohani, QMD	Topological analysis of intuitionistic fuzzy distance measures with applications in classification and clustering	ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE	2022	10.1016/j.engappai.2022.105415	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
445	Balajee, RM; Kannan, MKJ; Mohan, VM	Web Design Focusing on Users Viewing Experience with Respect to Static and Dynamic Nature of Web Sites	INVENTIVE COMPUTATION AND INFORMATION TECHNOLOGIES, ICICIT 2021	2022	10.1007/978-981-16-6723-7_5	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
446	Chintala, RR; Venkateswarlu, S	Survey on Various Performance Metrics for Lightweight Encryption Algorithms	THIRD INTERNATIONAL CONFERENCE ON IMAGE PROCESSING AND CAPSULE NETWORKS (ICIPCN 2022)	2022	10.1007/978-3-031-12413-6_21	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
447	Ghuge, CA; Ruikar, SD; Prakash, VC	Support vector regression and extended nearest neighbor for video object retrieval	EVOLUTIONARY INTELLIGENCE	2022	10.1007/s12065-018-0176-y	Emerging Sources Citation Index (ESCI)	WOS Proof
448	Ushasree, A; Agarwal, V	Metamaterial Loaded Endfire Circularly Polarized High-Gain Microstrip Patch Antenna for L Band Frequency Applications	IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF ELECTRICAL ENGINEERING	2022	10.1007/s40998-022-00501-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
449	Peter, G; Praghash, K; Sherine, A; Ganji, V	A Combined PWM and AEM-Based AC Voltage Controller for Resistive Loads	MATHEMATICAL PROBLEMS IN ENGINEERING	2022	10.1155/2022/9246050	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
450	Thirumuru, R; Gurugubelli, K; Vuppala, AK	Novel feature representation using single frequency filtering and nonlinear energy operator for speech emotion recognition	DIGITAL SIGNAL PROCESSING	2022	10.1016/j.dsp.2021.103293	Science Citation Index Expanded (SCI-EXPANDED); Social Science Citation Index (SSCI)	WOS Proof
451	Swathi, G; Varma, PS; Donepudi, SR; Kumar, KR	Consumer-Centric Rate Design for Peak Time Energy Demand Coincidence Reduction at Domestic Sector Level-A Smart Energy Service for Residential Demand Response	JOURNAL OF ELECTRICAL AND COMPUTER ENGINEERING	2022	10.1155/2022/8294369	Emerging Sources Citation Index (ESCI)	WOS Proof
452	Preeti, K; Rani, DS	Voltage instability curtailment and quality improvement with phasor measurement unit in power system	COMPEL-THE INTERNATIONAL JOURNAL FOR COMPUTATION AND MATHEMATICS IN ELECTRICAL AND ELECTRONIC ENGINEERING	2022	10.1108/COMPEL-09-2021-0331	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

453	Botlagunta, M; Rewaria, V; Mathi, P	Oxygen Mass Transfer Coefficient and Power Consumption in a Conventional Stirred-Tank Bioreactor Using Different Impellers in a Non-Newtonian Fluid: An Experimental Approach	IRANIAN JOURNAL OF CHEMISTRY & CHEMICAL ENGINEERING-INTERNATIONAL ENGLISH EDITION	2022		Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
454	Saikumar, K; Rajesh, V; Babu, BS	Heart Disease Detection Based on Feature Fusion Technique with Augmented Classification Using Deep Learning Technology	TRAITEMENT DU SIGNAL	2022	10.18280/ts.390104	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
455	Pradeep, S; Sharma, YK; Verma, C; Dalal, S; Prasad, C	Energy Efficient Routing Protocol in Novel Schemes for Performance Evaluation	APPLIED SYSTEM INNOVATION	2022	10.3390/asi5050101	Emerging Sources Citation Index (ESCI)	WOS Proof
456	Vasimalla, Y; Pradhan, HS	Modeling of a novel SCHOTT B270 prism based SPR sensor using Ag-Si-BP/MXene structure for detection of specific biological samples	OPTICAL AND QUANTUM ELECTRONICS	2022	10.1007/s11082-022-04022-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
457	Vineetha, KV; Kumar, PR; Babu, AN; Naik, JB; Madhav, BTP; Das, S	Investigations on Complementary Split Ring Resonator (CSRR) array integrated printed conformal band pass filters for modern wireless communication applications	JOURNAL OF INSTRUMENTATION	2022	10.1088/1748-0221/17/10/P10043	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
458	Moses, M; Panda, SK; Dodo, JD; Ojigi, LM; Lawal, K	Assessment of long-term impact of solar activity on the ionosphere over an African equatorial GNSS station	EARTH SCIENCE INFORMATICS	2022	10.1007/s12145-022-00863-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
459	Khamala, GW; Makokha, JW; Boiyo, R; Kumar, KR	Long-term climatology and spatial trends of absorption, scattering, and total aerosol optical depths over East Africa during 2001-2019	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	2022	10.1007/s11356-022-20022-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
460	Bala, D; Gowrisankar, M; Babu, S; Kumar, KS; Ramachandran, D	Study on Thermodynamic and Transport Properties of Binary Liquid Mixtures (N-Methylformamide with Aniline, N-Methylaniline, and N,N-Dimethylaniline) at Various Temperatures	RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A	2022	10.1134/S0036024422040057	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
461	Umamaheswar, M; Reddy, PC; Reddy, SH; Mopuri, O; Ganteda, CK	Aspects of parabolic motion of MHD fluid flow past a vertical porous plate with cross-diffusion effects	HEAT TRANSFER	2022	10.1002/htj.22507	Emerging Sources Citation Index (ESCI)	WOS Proof
462	Siragam, S; Dubey, RS; Pappula, L; Babu, GS	Synthesis and investigation of dielectric ceramic nanoparticles for microstrip patch antenna applications	SCIENTIFIC REPORTS	2022	10.1038/s41598-022-07899-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
463	Durga, S; Reddy, MS; Ajantha, KK; Kumar, DP; Jilla, DMD	A STUDY ON THE INFLUENCE OF STOCK BROKER ON INVESTORS DECISION MAKING WITH SPECIAL REFERENCE TO BSE	JOURNAL OF PHARMACEUTICAL NEGATIVE RESULTS	2022	10.47750/pnr.2022.13.S08.194	Emerging Sources Citation Index (ESCI)	WOS Proof
464	Rajana, SSK; Panda, SK; Jade, S	Characteristics of Equatorial F-region Irregularities along the 90°E Meridian during High Solar Activity Phase	2022 URSI REGIONAL CONFERENCE ON RADIO SCIENCE, USRI-RCRS	2022		Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
465	VenkateswaraRao, P; Sailaja, M; Rao, MB; Ragavamsi, D	Understanding the Implement and Potential of Cloud Computing for Scientific Applications	INTERNATIONAL JOURNAL OF EARLY CHILDHOOD SPECIAL EDUCATION	2022	10.9756/INT-JECSE/V14I3.295	Emerging Sources Citation Index (ESCI)	WOS Proof
466	Praveen, BMN; Avula, VR	Experimental investigation of downstream cylinder vibrations caused by FIV in the presence of upstream stationary cylinder	MARINE STRUCTURES	2022	10.1016/j.marstruc.2021.103137	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
467	Murthy, MYB; Koteswararao, A; Babu, MS	Adaptive fuzzy deformable fusion and optimized CNN with ensemble classification for automated brain tumor diagnosis	BIOMEDICAL ENGINEERING LETTERS	2022	10.1007/s13534-021-00209-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
468	Lal, GJ; Gopalakrishnan, EA; Govind, D	A Recurrence Network Approach for Characterization and Detection of Dynamical Transitions During Human Speech Production	CIRCUITS SYSTEMS AND SIGNAL PROCESSING	2022	10.1007/s00034-022-02103-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
469	Sravani, KG; Guha, K; Rao, KS	An analytical capacitance modeling of step structured perforated RF MEMS switch	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2022	10.1007/s00542-019-04578-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

470	Sravani, KG; Desala, R; Chandh, P; Rao, KS	Design and Performance Analysis of Micropump for Drug Delivery Using Normal and Stacked Ring Type Piezoelectric Actuator	TRANSACTIONS ON ELECTRICAL AND ELECTRONIC MATERIALS	2022	10.1007/s42341-022-00407-7	Emerging Sources Citation Index (ESCI)	WOS Proof
471	Kalyani, UV; Eswarlal, T; KaviKumar, J; Iampan, A	Bipolar Fuzzy Sublattices and Ideals	INTERNATIONAL JOURNAL OF ANALYSIS AND APPLICATIONS	2022	10.28924/2291-8639-20-2022-45	Emerging Sources Citation Index (ESCI)	WOS Proof
472	Kimmatkar, NV; Babu, BV	The Study of Emotional Brain to Detect Emotions Using Brain EEG Signals and Improving Accuracy of Emotion Detection System Using Feature Selection Techniques	PROCEEDINGS OF THE 5TH INTERNATIONAL CONFERENCE ON MACHINE VISION AND APPLICATIONS, ICMVA 2022	2022	10.1145/3523111.3523115	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
473	More, GV; Rao, YVH; Kedar, SA; Gawande, SH	Biodiesel production from DK oils using Taguchi L9 techniques: characterization and thermogravimetric study of combustion characteristics	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2022	10.1007/s10973-021-11020-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
474	Prasanna, JL; Goel, E; Kumar, A; Kumar, A	Review of nanomaterials impact on improving the performance of dye-sensitized and perovskite solar cells	OPTICAL AND QUANTUM ELECTRONICS	2022	10.1007/s11082-022-04147-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
475	Prakash, RBR; Varma, PS; Reddy, CR; Kumar, MD; Prasad, AG; Prasad, ES	Maximum Power Point Tracking for Permanent Magnet Synchronous Generator based Wind Park Application	INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
476	Kodali, SP; Mandava, RK; Rao, BN	Development of an Optimal PID Controller for the 4-DOF Manipulator Using Genetic Algorithm	RECENT ADVANCES IN INDUSTRIAL PRODUCTION, ICEM 2020	2022	10.1007/978-981-16-5281-3_3	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
477	Srilatha, K; Madhav, BTP; Babu, BA; Das, S; Rao, MC	Flexible multiband near-field cloaking metasurface for C, X and Ku band applications	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2022	10.1007/s00339-022-06247-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
478	Rajana, SSK; Shrungheshwara, TS; Vivek, CG; Panda, K; Jade, S	Evaluation of long-term variability of ionospheric total electron content from IRI-2016 model over the Indian sub-continent with a latitudinal chain of dual-frequency geodetic GPS observations during 2002 to 2019	ADVANCES IN SPACE RESEARCH	2022	10.1016/j.asr.2021.12.005	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
479	Kiranbabu, MNV; Garapati, Y; Sreenivas, V; Mohan, VM	Procedural Impact of Negotiations and Its Variations on Utilization of Resources in Cloud Environment	PROCEEDINGS OF SECOND INTERNATIONAL CONFERENCE ON SUSTAINABLE EXPERT SYSTEMS (ICSSES 2021)	2022	10.1007/978-981-16-7657-4_57	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
480	Mohan, VM; Balajee, RM; Mewada, HK; Rajakumar, BR; Binu, D	Hybrid machine learning approach based intrusion detection in cloud: A metaheuristic assisted model	MULTIAGENT AND GRID SYSTEMS	2022	10.3233/MGS-220360	Emerging Sources Citation Index (ESCI)	WOS Proof
481	Raju, KVS; Begum, SS; Madhav, BTP; Rao, MC	Optical and Dielectric Properties of ZnO Nematic Liquid Crystals Prepared by the Chemical Precipitation Method	JOURNAL OF APPLIED SPECTROSCOPY	2022	10.1007/s10812-022-01400-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
482	Ardeti, VA; Kolluru, VR; Varghese, GT; Patjoshi, RK	An Outlier Detection and Feature Ranking based Ensemble Learning for ECG Analysis	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
483	Tayal, S; Valasa, S; Bhattacharya, S; Ajayan, J; Ahmed, SM; Jena, B; Kaushik, K	Investigation of Nanosheet-FET Based Logic Gates at Sub-7 nm Technology Node for Digital IC Applications	SILICON	2022	10.1007/s12633-022-01934-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
484	Sahu, AK; Swain, G	High fidelity based reversible data hiding using modified LSB matching and pixel difference	JOURNAL OF KING SAUD UNIVERSITY-COMPUTER AND INFORMATION SCIENCES	2022	10.1016/j.jksuci.2019.07.004	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
485	Ganiya, RK; Veeraiah, D; Bulla, S; Rao, JN; Deol, GJS	Efficiency evaluation of HRF mechanism on EDoS attacks in cloud computing services	INTERNATIONAL JOURNAL OF AD HOC AND UBIQUITOUS COMPUTING	2022	10.1504/IJAHUC.2022.123542	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

486	Kavipriya, S; Dhavashankaran, D; Ramkumar, S; Lingeshwaran, N; Deepanraj, CG	Flexural strength characteristics of high performance geopolymer concrete ceramic waste and silica fume	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2022.0 5.170	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
487	Rajesh, KVD; Buddi, T; Mishra, H	FINITE ELEMENT SIMULATION OF Ti-6Al-4V BILLET ON OPEN DIE FORGING PROCESS UNDER DIFFERENT TEMPERATURES USING DEFORM-3D	ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	2022	10.1080/2374068X.202 1.1878708	Emerging Sources Citation Index (ESCI)	WOS Proof
488	Girisha, MN; Badiger, VP; Pattar, S	A comprehensive review of global alignment of multiple biological networks: background, applications and open issues	NETWORK MODELING AND ANALYSIS IN HEALTH INFORMATICS AND BIOINFORMATICS	2022	10.1007/s13721-022- 00353-7	Emerging Sources Citation Index (ESCI)	WOS Proof
489	Tripathy, AK; Tripathy, SK; Sundaray, M	An ultra-sensitive optical sensor based on agarose coated microscopic sphere to detect Cu ²⁺ ion in soil	COMPUTERS AND ELECTRONICS IN AGRICULTURE	2022	10.1016/j.compag.2022. 107424	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
490	Elias, F; Muddada, S; Muleta, D; Tefera, B	Antimicrobial Potential of Streptomyces spp. Isolated from the Rift Valley Regions of Ethiopia	ADVANCES IN PHARMACOLOGICAL AND PHARMACEUTICAL SCIENCES	2022	10.1155/2022/1724906	Emerging Sources Citation Index (ESCI)	WOS Proof
491	Rao, KS; Naveena, P; Swamy, TVA; Kumar, PA; Guha, K; Sravani, KG	Design and performance analysis of self-similar reconfigurable antenna by cantilever type RF MEMS switch	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2022	10.1007/s00542-019- 04370-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
492	Vaidya, M; Naugarhiya, A; Verma, S; Mishra, GP	1.2 kV Stepped Oxide Trench Insulated Gate Bipolar Transistor with Low Loss for Fast Switching Application	ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY	2022	10.1149/2162- 8777/aca3d2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
493	Ampavathi, A; Saradhi, TV	Research challenges and future directions towards medical data processing	COMPUTER METHODS IN BIOMECHANICS AND BIOMEDICAL ENGINEERING-IMAGING AND VISUALIZATION	2022	10.1080/21681163.202 1.2018665	Emerging Sources Citation Index (ESCI)	WOS Proof
494	Asha, S; Shanmugan, S; Prasad, MVVKS; Venkateswarlu, M; Meenachi, M; Sangeetha, A; Rao, MC	Thermal potential porous materials and challenges of improving solar still using TiO ₂ /Jackfruit peel - enhanced energy storage material	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2022.0 7.142	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
495	Amer, D; Swapna, K; Kumar, JVS; Mahamuda, S; Venkateswarlu, M; Sruthi, P; Sai, DS; Rao, AS	Influence of Sm ³⁺ ion concentration on the photoluminescence behavior of antimony lead oxy fluoro borate glasses	MATERIALS RESEARCH BULLETIN	2022	10.1016/j.materresbull. 2021.111597	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
496	Rajesh, KVD; Mishra, H; Buddi, T	FINITE ELEMENT ANALYSIS OF CHROMIUM AND MOLYBDENUM ALLOYED STEEL BILLETS FORGED ON MULTI STEP PROCESS USING SIMUFACT FORMING	ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	2022	10.1080/2374068X.202 1.1939562	Emerging Sources Citation Index (ESCI)	WOS Proof
497	Reema, G; Babu, BV; Tumuluru, P; Praveen, SP	RETRACTED: COVID-19 EDA a analysis and prediction using SIR and SEIR models (Retracted article. See APR, 2024)	INTERNATIONAL JOURNAL OF HEALTHCARE MANAGEMENT	2022	10.1080/20479700.202 2.2130630	Emerging Sources Citation Index (ESCI)	WOS Proof
498	Kantamaneni, S; Madhav, BTP; Badisa, AB; Das, S; Patel, SK; Parmar, J	Conformal and polarization adjustable cloaking metasurface utilizing graphene with low radar cross section for terahertz applications	OPTICAL AND QUANTUM ELECTRONICS	2022	10.1007/s11082-022- 03863-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
499	Prasad, TR; Krishna, KR; Sharma, KV; Bhaskar, CN	Thermal performance of stable SiO ₂ nanofluids and regression correlations to estimate their thermophysical properties	JOURNAL OF THE INDIAN CHEMICAL SOCIETY	2022	10.1016/j.jics.2022.100 461	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
500	Vankadara, RK; Sasmal, S; Maurya, AK; Panda, SK	An Autoregressive Integrated Moving Average (ARIMA) Based Forecasting of Ionospheric Total Electron Content at a low latitude Indian Location	2022 URSI REGIONAL CONFERENCE ON RADIO SCIENCE, USRI-RCRS	2022		Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof

501	Divya, NS; Bobba, V; Vatambeti, R	An Adaptive Cluster based Vehicular Routing Protocol for Secure Communication	WIRELESS PERSONAL COMMUNICATIONS	2022	10.1007/s11277-021-08717-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
502	Gambhire, SJ; Kumar, MK; Kishore, DR; Pawar, SN	Design of Super Twisting Integral Sliding Mode Control for Industrial Robot Manipulator	INTERNATIONAL JOURNAL OF ELECTRICAL AND COMPUTER ENGINEERING SYSTEMS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
503	Venkateswarlu, K; Ramakrishna, K	Recent advances in phase change materials for thermal energy storage-a review	JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING	2022	10.1007/s40430-021-03308-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
504	Aditya, M; Rao, KS; Sravani, KG; Guha, K	Simulation and Drain Current Performance analysis of High-K Gate Dielectric FinFET	SILICON	2022	10.1007/s12633-021-01176-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
505	Sravanthi, K; Mahesh, V; Rao, B; Fernandez, G; Haiter, LA	Carbon-Filled E-Glass Fibre-Reinforced Epoxy Composite: Erosive Wear Properties at an Angle of Impingement	ADVANCES IN MATERIALS SCIENCE AND ENGINEERING	2022	10.1155/2022/8725305	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
506	Sai, DS; Swapna, K; Deepthi, K; Kumar, JVS; Mahamuda, S; Venkateswarlu, M; Sruthi, P; Amer, D; Rao, AS	Spectroscopic Studies of Eu3+ Ion-Doped Antimony-Lead-Oxyfluoroborate Glasses for Visible Red Photonic Device Applications	JOURNAL OF ELECTRONIC MATERIALS	2022	10.1007/s11664-022-09648-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
507	Mekala, JR; Ramalingam, PS; Mathavan, S; Yamajala, RBRD; Moparthi, NR; Kurappalli, RK; Manyam, RR	Synthesis, in vitro and structural aspects of cap substituted Suberoylanilide hydroxamic acid analogs as potential inducers of apoptosis in Glioblastoma cancer cells via HDAC /microRNA regulation	CHEMICO-BIOLOGICAL INTERACTIONS	2022	10.1016/j.cbi.2022.109876	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
508	Zhang, L; Sengan, S; Manivannan, P	The Capture and Evaluation System of Student Actions in Physical Education Classroom Based on Deep Learning	JOURNAL OF INTERCONNECTION NETWORKS	2022	10.1142/S0219265921430258	Emerging Sources Citation Index (ESCI)	WOS Proof
509	Savithri, G; Mohanta, BK; Dehury, MK	A Brief Overview on Security Challenges and Protocols in Internet of Things Application	2022 IEEE INTERNATIONAL IOT, ELECTRONICS AND MECHATRONICS CONFERENCE (IEMTRONICS)	2022	10.1109/IEMTRONICS55184.2022.9795794	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
510	Rajesh, KVD; Shaik, AM; Buddi, T	WEAR AND CORROSION ANALYSIS ON MARAGING STEEL MS1 AND STAINLESS STEEL 316L DEVELOPED BY DIRECT METAL LASER SINTERING PROCESS	ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	2022	10.1080/2374068X.2021.1930797	Emerging Sources Citation Index (ESCI)	WOS Proof
511	Sravani, KG; Prathyusha, D; Prasad, GRK; Chand, CG; Kumar, PA; Guha, K; Rao, KS	Design of reconfigurable antenna by capacitive type RF MEMS switch for 5G applications	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2022	10.1007/s00542-020-04958-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
512	Li, X; Manivannan, P; Anand, M	Task Modelling of Sports Event for Personalized Video Streaming Data in Augmentative and Alternative Communication	JOURNAL OF INTERCONNECTION NETWORKS	2022	10.1142/S0219265921410279	Emerging Sources Citation Index (ESCI)	WOS Proof
513	Reddy, KV; Reddy, GVR; Sandhya, A; Krishna, YH	Numerical solution of MHD, Soret, Dufour, and thermal radiation contributions on unsteady free convection motion of Casson liquid past a semi-infinite vertical porous plate	HEAT TRANSFER	2022	10.1002/htj.22452	Emerging Sources Citation Index (ESCI)	WOS Proof
514	Agbley, BLY; Li, JP; UI Haq, A; Bankas, EK; Adjorlolo, G; Agyemang, IO; Ayekai, BJ; Effah, D; Adjeimensah, I; Khan, J	FEDERATED APPROACH FOR LUNG AND COLON CANCER CLASSIFICATION	2022 19TH INTERNATIONAL COMPUTER CONFERENCE ON WAVELET ACTIVE MEDIA TECHNOLOGY AND INFORMATION PROCESSING (ICCWAMTIP)	2022	10.1109/ICCWAMTIP56608.2022.10016590	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof

515	Tamineedi, VSV; Raju, C; Kumar, DG; Yalla, V	Improvement of Segmentation Efficiency in Mammogram Images Using Dual-ROI Method	INTERNATIONAL JOURNAL OF HEALTHCARE INFORMATION SYSTEMS AND INFORMATICS	2022	10.4018/IJHISI.305236	Emerging Sources Citation Index (ESCI)	WOS Proof
516	Dido, AA; Krishna, MSR; Degefu, DT; Tesfaye, K; Singh, BJK	Analysis of variation in agronomic characters and partial resistance to barley leaf rust (Puccinia hordei) pathotype ETPH7611 of barley landrace collections	EUROPEAN JOURNAL OF PLANT PATHOLOGY	2022	10.1007/s10658-021-02391-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
517	Elias, F; Muddada, S; Muleta, D; Tefera, B	Purification and Characterization of Bioactive Metabolite from Streptomyces monomycini RVE129 Derived from the Rift Valley Soil of Hawassa, Ethiopia	BIOMED RESEARCH INTERNATIONAL	2022	10.1155/2022/7141313	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
518	Valli, H; Prasanna, D; Rajput, VS; Sridhar, W; Sakuntala, NNV; Harshavardhan, P; Runthala, A	Cis Elements: Added Boost to the Directed Evolution of Plant Genes	JOURNAL OF PURE AND APPLIED MICROBIOLOGY	2022	10.22207/JPAM.16.1.68	Emerging Sources Citation Index (ESCI)	WOS Proof
519	Reddy, MM; Rao, CH; Reddy, KR; Kumar, GK	Site-Specific Ground Response Analysis of Some Typical Sites in Amaravati Region, Andhra Pradesh, India	INDIAN GEOTECHNICAL JOURNAL	2022	10.1007/s40098-021-00562-3	Emerging Sources Citation Index (ESCI)	WOS Proof
520	Prasanna, JL; Goel, E; Kumar, A; Kumar, A	Reduced interfacial recombination in perovskite solar cells by structural engineering simulation	JOURNAL OF OPTICS	2022	10.1088/2040-8986/ac95a8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
521	Atgur, V; Manavendra, G; Desai, GP; Rao, BN	Thermogravimetry and calorimetric evaluation of honge oil methyl ester and its B-20 blend	CLEANER ENGINEERING AND TECHNOLOGY	2022	10.1016/j.clet.2021.100367	Emerging Sources Citation Index (ESCI)	WOS Proof
522	Elangovan, R; Seeram, SR; Krishnan, RR; Vijayan, V	Experimental Investigation and Parameter Analysis of Solar Still with the Different Wick Materials	IRANIAN JOURNAL OF CHEMISTRY & CHEMICAL ENGINEERING-INTERNATIONAL ENGLISH EDITION	2022		Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
523	Patro, P; Kumar, K; Kumar, GS; Swain, G	Similarity and wavelet transform based data partitioning and parameter learning for fuzzy neural network	JOURNAL OF KING SAUD UNIVERSITY-COMPUTER AND INFORMATION SCIENCES	2022	10.1016/j.jksuci.2020.06.003	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
524	Dhananjaya, G; Venkateshwarlu, R; Dinne, NKR; Kumar, AM; Mekala, R; Anna, VR; Kapavarapu, R; Pal, M	Wang-OSO3H catalyzed green synthesis of bioactive isoindolo[2,1-a]quinazoline-5,11-dione derivatives: An unexpected observation	JOURNAL OF MOLECULAR STRUCTURE	2022	10.1016/j.molstruc.2021.131922	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
525	Challa, VNSK; Thyagaraju, M; Sravanthi, GS; Rao, MVS; Padmalatha, PSV	DETERMINANTS OF CONFLICT MANAGEMENT VARIABLES WITH SPECIAL REFERENCE TO JK PAPER MILLS LTD.VISAKHAPATNAM	JOURNAL OF PHARMACEUTICAL NEGATIVE RESULTS	2022	10.47750/pnr.2022.13.S08.190	Emerging Sources Citation Index (ESCI)	WOS Proof
526	Gorla, US; Rao, GSNK; Alavala, RR; Manne, R; Harshitha, K	In silico Analysis of Selected Phytocompounds of Coccilus hirsutus as Potent Inhibitors of Tau Aggregation in Alzheimer's Disease	ADVANCES IN PHARMACOLOGY AND PHARMACY	2022	10.13189/app.2022.100201	Emerging Sources Citation Index (ESCI)	WOS Proof
527	Dakineni, SLP; Budiredla, N; Kolli, D; Rudraraju, RR	Gold nanoparticles synthesized from Pergulariadaemia leaves extract for Antibacterial, anticancer and UV protection	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2021.06.301	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
528	Singh, A; Singh, SK; Singh, N; Nayak, SK	AN OPTIMISTIC APPROACH FOR CRIME DETECTION AND DIGITAL FORENSIC	INTERNATIONAL JOURNAL OF EARLY CHILDHOOD SPECIAL EDUCATION	2022	10.9756/INT-JECSE/V14I3.599	Emerging Sources Citation Index (ESCI)	WOS Proof
529	Reddy, PV; Reddy, RM; Rao, PS; Krishnudu, DM; Reddy, RVS; Kumar, AE	Parameters Selection for Enhanced Mechanical and Wear Properties of Natural Fiber Reinforced Hybrid Composites Using PSI Technique	JOURNAL OF NATURAL FIBERS	2022	10.1080/15440478.2021.1993484	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
530	Sravani, KG; Guha, K; Aditya, M; Balaji, B; Rao, KS	Design, simulation and analysis of uniform and non-uniform serpentine step structure RF MEMS switch	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2022	10.1007/s00542-021-05216-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
531	Gupta, A; Pawade, P; Balakrishnan, R	Deep Residual Network and Transfer Learning-based Person Re-Identification	INTELLIGENT SYSTEMS WITH APPLICATIONS	2022	10.1016/j.iswa.2022.200137	Emerging Sources Citation Index (ESCI)	WOS Proof

532	Bhimavarapu, U; Sreedevi, M; Chintalapudi, N; Battineni, G	Physical Activity Recommendation System Based on Deep Learning to Prevent Respiratory Diseases	COMPUTERS	2022	10.3390/computers11100150	Emerging Sources Citation Index (ESCI)	WOS Proof
533	Vatsalya, VLS; Sundari, GS; Sridhar, CSLN; Prasanna, IL; Lakshmi, CS	Studies on nano crystalline copper doped Nickel Zinc ferrites for optoelectronic applications	JOURNAL OF LUMINESCENCE	2022	10.1016/j.jlumin.2022.119314	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
534	Kavitha, S; Raju, SH; Karumanchi, VR; Rao, DS; Rajeswari, TS	Smart Customized Charging of Portable Devices Through an Authorized App	SUSTAINABLE COMMUNICATION NETWORKS AND APPLICATION, ICSCN 2021	2022	10.1007/978-981-16-6605-6_50	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
535	Bhimavarapu, U; Chintalapudi, N; Battineni, G	A Fair and Safe Usage Drug Recommendation System in Medical Emergencies by a Stacked ANN	ALGORITHMS	2022	10.3390/a15060186	Emerging Sources Citation Index (ESCI)	WOS Proof
536	Koduru, JP; Narayana, KL; Mantrala, KM	Hybrid swarm-based intelligent algorithm for lattice structure optimization in additive manufacturing system	INTERNATIONAL JOURNAL OF INTERACTIVE DESIGN AND MANUFACTURING - IJIDEM	2022	10.1007/s12008-022-00863-8	Emerging Sources Citation Index (ESCI)	WOS Proof
537	Bharadwaja, K; Rao, SS; Baburao, T	Epoxy reinforced with nano TiO2 particles: An experimental investigation of mechanical & tribological behavior	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2021.12.449	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
538	Kumar, A; Upadhyay, C	Experimental investigation and optimization of machining performance characteristics during WEDM of inconel 718: On evaluation of wire electrodes and advanced parameter techniques	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE	2022	10.1177/09544062211023115	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
539	Rao, KS; Sravani, KG; Chowdary, YA; Naveena, P; Vyasa, KV; Raina, H; Sunanda, BD	Design, Analysis and Simulation of RF MEMS Capacitive Shunt Switch with Perforations for Ka-Band Applications	TRANSACTIONS ON ELECTRICAL AND ELECTRONIC MATERIALS	2022	10.1007/s42341-021-00353-w	Emerging Sources Citation Index (ESCI)	WOS Proof
540	Keshri, S; Biswas, S	Synthesis, physical properties, and biomedical applications of magnetic nanoparticles: a review	PROGRESS IN BIOMATERIALS	2022	10.1007/s40204-022-00204-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
541	Sharma, RM; Agrawal, CP; Kumar, V; Mulatu, AN	CFSBFDroid: Android Malware Detection Using CFS plus Best First Search-Based Feature Selection	MOBILE INFORMATION SYSTEMS	2022	10.1155/2022/6425583	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
542	Jayakumar, D; Kumar, TR; Velu, CM	A Preventive Framework for Mine Representatives Utilizing Remote Sensor Networks with Optimized Routing	DISTRIBUTED COMPUTING AND OPTIMIZATION TECHNIQUES, ICDCOT 2021	2022	10.1007/978-981-19-2281-7_3	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
543	Bhattacharjya, A; Kozdrój, K; Bazydło, G; Wisniewski, R	Trusted and Secure Blockchain-Based Architecture for Internet-of-Medical-Things	ELECTRONICS	2022	10.3390/electronics11162560	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
544	Enireddy, V; Karthikeyan, C; Babu, DV	OneHotEncoding and LSTM-based deep learning models for protein secondary structure prediction	SOFT COMPUTING	2022	10.1007/s00500-022-06783-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
545	Shanmugan, S; Madupu, RK; Selvaraju, P; Ravichandran, S	Systematic growth on antibacterial activities use of silver nanoparticles with citrus aurantifolia	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2021.07.055	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
546	Prasanna, JL; Goel, E; Kumar, A; Kumar, A	Computational Study of Double Absorber layer Perovskite Solar Cell Devices	2022 IEEE 19TH INDIA COUNCIL INTERNATIONAL CONFERENCE, INDICON	2022	10.1109/INDICON56171.2022.10039776	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
547	Rajesh, KVD; Buddi, T	Finite element analysis of chromium and nickel alloyed steel billets forged under warm forming process using Deform-3D	ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	2022	10.1080/2374068X.2021.1945269	Emerging Sources Citation Index (ESCI)	WOS Proof

548	Sakthinathan, S; Keyan, AK; Vasu, D; Vinothini, S; Nagaraj, K; Mangesh, VL; Chiu, T	Graphitic Carbon Nitride Incorporated Europium Molybdate Composite as an Enhanced Sensing Platform for Electrochemical Detection of Carbendazim in Agricultural Products	JOURNAL OF THE ELECTROCHEMICAL SOCIETY	2022	10.1149/1945-7111/aca2ec	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
549	Panchakarla, RK; Ravi, PR; Mullangi, S; Kondapalli, VGCS	Liquid chromatography-mass spectrometric methods for trace quantification of potential genotoxic impurities in ivacaftor and lumacaftor	ANNALES PHARMACEUTIQUES FRANCAISES	2022	10.1016/j.pharma.2021.11.005	Emerging Sources Citation Index (ESCI)	WOS Proof
550	Hazarika, BB; Gupta, D	1-Norm random vector functional link networks for classification problems	COMPLEX & INTELLIGENT SYSTEMS	2022	10.1007/s40747-022-00668-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
551	Badisa, A; Madhav, BTP; Das, S; Rao, MC	Design and analysis of varactor-loaded bi-state switchable active artificial magnetic conductor reflector for wearable antenna integration	INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING	2022	10.1002/mmce.23047	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
552	Rao, NT; Bhattacharyya, D; Meeravali, SK; Hong, SP	Performance evaluation of a distributed energy model with compound Poisson arrivals on an improvised forked network: A detailed analysis	SUSTAINABLE COMPUTING-INFORMATICS & SYSTEMS	2022	10.1016/j.suscom.2021.100626	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
553	Sruthi, P; Swapna, K; Kumar, JVS; Mahamuda, S; Venkateswarulu, M; Amer, D; Sai, DS; Rao, AS	Dysprosium concentration-dependent fluorescent properties of antimony lead Oxyfluoroborate glasses	CHEMICAL PHYSICS LETTERS	2022	10.1016/j.cplett.2021.139210	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
554	Nyemeesha, V; Kavitha, M; Ismail, BM	Detection and Classification of Skin Cancer Using Unmanned Transfer Learning Based Probabilistic Multi-Layer Dense Networks	INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE AND APPLICATIONS	2022	10.1142/S1469026822500274	Emerging Sources Citation Index (ESCI)	WOS Proof
555	Reddy, MV; Reddy, VUN; Chang, YC	Integration of anaerobic digestion and chain elongation technologies for biogas and carboxylic acids production from cheese whey	JOURNAL OF CLEANER PRODUCTION	2022	10.1016/j.jclepro.2022.132670	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
556	Gollamandala, UB; Midasala, V; Ratna, VR	FPGA implementation of hybrid recursive reversible box filter-based fast adaptive bilateral filter for image denoising	MICROPROCESSORS AND MICROSYSTEMS	2022	10.1016/j.micpro.2022.104520	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
557	Reddy, YP; Narayana, KL; Mallik, MK; Paul, CP; Singh, CP	Experimental evaluation of additively deposited functionally graded material samples-microscopic and spectroscopic analysis of SS-316L/Co-Cr-Mo alloy	AIMS MATERIALS SCIENCE	2022	10.3934/matricsci.2022040	Emerging Sources Citation Index (ESCI)	WOS Proof
558	Reddy, GN; Reddy, GM; Sridhar, G; Prasad, KRS	Synthesis of (+)-xestodecalactone A	NATURAL PRODUCT RESEARCH	2022	10.1080/14786419.2021.1941948	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
559	Shanmugan, S; Selvaraju, P; Nagaraj, J; Sivakumar, S; Ravichandran, S	Biogenic silver nanoparticles of antibacterial activities for poly-herbal extracts in novel medicine	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2021.07.107	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
560	Durai, AD; Ganesh, M; Mathew, RM; Anguraj, DK	A novel approach with an extensive case study and experiment for automatic code generation from the XMI schema Of UML models	JOURNAL OF SUPERCOMPUTING	2022	10.1007/s11227-021-04164-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
561	Gambhire, SJ; Kumar, MK; Mallikarjuna, K; Venkateswarlu, AN; Kalyan, CNS; Goud, BS	Performance Comparison of Various Classical Controllers in LFC of Hydro-Thermal Power System with Time Delays	2022 10TH INTERNATIONAL CONFERENCE ON SMART GRID, ICSMARTGRID	2022	10.1109/ICSMARTGRID5722.2022.9848690	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
562	Srinivasan, JD; Padmavathi, B; Sekhar, GGR; Catherine, TJ; Jude, PSV	Charge inversion in ferromagnetic semiconductor for electrical treatment	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2021.12.480	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof

563	Kota, AK; Mikkineni, A; Mathi, P; Patnala, K; Velagapudi, K; Panditi, SK; Jeevigunta, NLL	Competitive metal-binding stoichiometry between calcium and strontium by cell wall proteins of Neurospora crassa	JOURNAL OF BASIC MICROBIOLOGY	2022	10.1002/jobm.202100456	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
564	Sani, S; Bera, A; Mitra, D; Das, KM	COVID-19 Detection Using Chest X-Ray Images Based on Deep Learning	INTERNATIONAL JOURNAL OF SOFTWARE SCIENCE AND COMPUTATIONAL INTELLIGENCE-IJSSCI	2022	10.4018/IJSSCI.312556	Emerging Sources Citation Index (ESCI)	WOS Proof
565	Sailaja, P; Mahamuda, S; Swapna, K; Venkateswarlu, M; Rao, AS	Near-infrared photoluminescence studies of neodymium ions doped SrO-Al ₂ O ₃ -BaCl ₂ -B ₂ O ₃ -TeO ₂ glasses for laser and fiber amplifier applications	OPTICS AND LASER TECHNOLOGY	2022	10.1016/j.optlastec.2022.108569	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
566	Amani, P; Malothu, N; Karnakar, N; Sri, SR	RP-HPLC Method for Estimation of Zanamivir in API and Pharmaceutical Formulation	INTERNATIONAL JOURNAL OF LIFE SCIENCE AND PHARMA RESEARCH	2022	10.22376/ijpbs/lpr.2022.12.1.P20-27	Emerging Sources Citation Index (ESCI)	WOS Proof
567	Kolahalam, LA; Prasad, KRS; Krishna, PM; Supraja, N; Shanmugan, S	The exploration of bio-inspired copper oxide nanoparticles: synthesis, characterization and in-vitro biological investigations	HELIYON	2022	10.1016/j.heliyon.2022.e09726	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
568	Dasore, A; Rajak, U; Balijepalli, R; Verma, TN; Ramakrishna, K	An overview of refinements, processing methods and properties of natural fiber composites	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2021.02.103	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
569	Kumar, KSR; Pandian, A; Sastry, VV; Raveendhra, D	Capacitor Clamped Coupled Inductor Bi-Directional DC-DC Converter with Smooth Starting	MACHINES	2022	10.3390/machines10010047	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
570	Ravikumar, MP; Bharathkumar, S; Urupalli, B; Murikinati, MK; Venkatakrishnan, SM; Mohan, S	Insights into the Photocatalytic Memory Effect of Magneto- Plasmonic Ag-Fe ₃ O ₄ @TiO ₂ Ternary Nanocomposites for Dye Degradation and H ₂ Production under Light and Dark Conditions	ENERGY & FUELS	2022	10.1021/acs.energyfuels.2c01563	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
571	Govathoti, S; Reddy, AM; Kamidi, D; BalaKrishna, G; Padmanabhuni, SS; Gera, P	Data Augmentation Techniques on Chilly Plants to Classify Healthy and Bacterial Blight Disease Leaves	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
572	Challagulla, SP; Parimi, C; Farsangi, EN	Effect of Flexibly Attached Secondary Systems on Dynamic Behavior of Light Structures	PRACTICE PERIODICAL ON STRUCTURAL DESIGN AND CONSTRUCTION	2022	10.1061/(ASCE)SC.1943-5576.0000634	Emerging Sources Citation Index (ESCI)	WOS Proof
573	Lal, TE; Rezaei, A; Rao, TS; Mangathai, P; DayaSagar, KV	VAGUE BE-ALGEBRAS	INTERNATIONAL JOURNAL OF EARLY CHILDHOOD SPECIAL EDUCATION	2022	10.9756/INTJECSE/V14I5.171	Emerging Sources Citation Index (ESCI)	WOS Proof
574	Rao, DS; Potturu, SR; Bhagyaraju,	Human Action Recognition Using Deep Data: A Fine-Grained Study	INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND NETWORK SECURITY	2022	10.22937/IJCSNS.2022.26.16	Emerging Sources Citation Index (ESCI)	WOS Proof
575	Vesala, GT; Srinivasarao, G; Ghali, VS; Sastry, DVAR; Naik, RB	Non-Stationary Thermal Wave Mode Decomposition: A Comparative Study of EMD, HVD, and VMD for Defect Detection	RUSSIAN JOURNAL OF NONDESTRUCTIVE TESTING	2022	10.1134/S1061830922060122	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
576	Kumar, PA; Karumuri, SR; Kondavitee, GS; Guha, K	Design and performance analysis of a low-pull-in-voltage RF MEMS shunt switch for millimeter-wave therapy, IoT, and 5G applications	JOURNAL OF COMPUTATIONAL ELECTRONICS	2022	10.1007/s10825-022-01863-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
577	Mazharunnisa, M; Thyagaraju, M; Murthy, BGK; Rahaman, MS; Padmalatha, PSV	EMPLOYEE PERCEPTION TOWARDS IMPACT OF HRD PRACTICES IN SELECT POWER UNIT IN TELANGANA REGION	INTERNATIONAL JOURNAL OF EARLY CHILDHOOD SPECIAL EDUCATION	2022	10.9756/INTJECSE/V14I5.416	Emerging Sources Citation Index (ESCI)	WOS Proof
578	Siragam, S; Dubey, RS; Pappula, L; Babu, GS	Zinc Aluminate-Based Composite Nanoparticles for Microwave Applications	ACS OMEGA	2022	10.1021/acsomega.2c01671	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

579	Althaf, P; Kannemadugu, HBS; Kumar, KR	Hotspot analysis and long-term trends of absorbing aerosol index from dust emissions measured by the Ozone Monitoring Instrument at different urban locations in India during 2005-2018	ATMOSPHERIC ENVIRONMENT	2022	10.1016/j.atmosenv.2021.118933	Science Citation Index Expanded (SCI-EXPANDED); Social Science Citation Index (SSCI)	WOS Proof
580	Kundu, A; Debnath, B; Das, JC; De, D	Digital signature technique with quantum-dot cellular automata	IET QUANTUM COMMUNICATION	2022	10.1049/qtc2.12041	Emerging Sources Citation Index (ESCI)	WOS Proof
581	Dhanaraju, G; Ben, BS; Pittala, RK	Thermally remendable bismaleimide-MWCNT/DA-epoxy nanocomposite via Diels-Alder bonding	POLYMER	2022	10.1016/j.polymer.2022.124734	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
582	Deshmukh, AR; Dikshi, PK; Kim, BS	Green in situ immobilization of gold and silver nanoparticles on bacterial nanocellulose film using Punica granatum peels extract and their application as reusable catalysts	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2022	10.1016/j.ijbiomac.2022.02.064	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
583	Hazarika, BB; Gupta, D; Natarajan, N	Wavelet kernel least square twin support vector regression for wind speed prediction	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	2022	10.1007/s11356-022-18655-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
584	Nadimpalli, VLV; Kesiraju, S; Banka, R; Kethireddy, R; Gangashetty, SV	Resources and Benchmarks for Keyword Search in Spoken Audio From Low-Resource Indian Languages	IEEE ACCESS	2022	10.1109/ACCESS.2022.3162854	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
585	Pochamoni, R; Kondeboina, M; Varkolu, M; Burri, DR; Seetha, RRR	Modification of Al ₂ O ₃ by activated carbon-supported vanadia catalyst studies for ODH of ethylbenzene in presence of CO ₂ as a soft oxidant	EMERGENT MATERIALS	2022	10.1007/s42247-022-00388-6	Emerging Sources Citation Index (ESCI)	WOS Proof
586	Gunda, RK; Manchineni, PR; Duraiswamy, D; Gsn, KR	Design, Development, Optimization and Evaluation of Ranolazine Extended Release Tablets	TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES	2022	10.4274/tjps.galenos.2021.58047	Emerging Sources Citation Index (ESCI)	WOS Proof
587	Chhipa, MK; Madhav, BTP; Suthar, B; Janyani, V	Ultra-compact with improved data rate optical encoder based on 2D linear photonic crystal ring resonator	PHOTONIC NETWORK COMMUNICATIONS	2022	10.1007/s11107-022-00975-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
588	Singh, B; Sahu, PM; Aloria, M; Reddy, SS; Prasad, J; Sharma, RA	Azotobacter chroococcum and Pseudomonas putida enhance pyrroloquinazoline alkaloids accumulation in Adhatoda vasica hairy roots by biotization	JOURNAL OF BIOTECHNOLOGY	2022	10.1016/j.jbiotec.2022.05.011	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
589	Pawan, YVRN; Prakash, KB; Chowdhury, S; Hu, YC	Particle swarm optimization performance improvement using deep learning techniques	MULTIMEDIA TOOLS AND APPLICATIONS	2022	10.1007/s11042-022-12966-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
590	Bathula, DB; Buddi, T; Shagwira, H; Mwema, FM; Rajesh, KVD	Analysis on behavior of Ti-6Al-4V & Ti-5553 by performing turning operation using deform-3d	ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	2022	10.1080/2374068X.2022.2037064	Emerging Sources Citation Index (ESCI)	WOS Proof
591	Shobana, S; Pragmaash, K; Ramya, G; Rajakumar, BR; Binu, D	Integrating renewable energy in electric V2G: Improved optimization assisting dispatch model	INTERNATIONAL JOURNAL OF ENERGY RESEARCH	2022	10.1002/er.7690	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
592	Kumari, CR; Kakarla, HK; Subbarao, K	Estimation of intrapulse modulation parameters of LPI radar under noisy conditions	INTERNATIONAL JOURNAL OF MICROWAVE AND WIRELESS TECHNOLOGIES	2022	10.1017/S1759078721001537	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
593	Rani, S; Lakhwani, K; Kumar, S	Three dimensional objects recognition & pattern recognition technique; related challenges: A review	MULTIMEDIA TOOLS AND APPLICATIONS	2022	10.1007/s11042-022-12412-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
594	Kodakkal, A; Veramalla, R; Kuthuri, NR; Salkuti, SR	An Optimized Enhanced Phase Locked Loop Controller for a Hybrid System	TECHNOLOGIES	2022	10.3390/technologies10020040	Emerging Sources Citation Index (ESCI)	WOS Proof

595	Jadala, NB; Sridhar, M; Dutta, G; Yousuf, M; Reddy, YK	Integrated water vapor during active and break spells of monsoon and its relationship with temperature, precipitation and precipitation efficiency over a tropical site	GEODESY AND GEODYNAMICS	2022	10.1016/j.geog.2021.09.008	Emerging Sources Citation Index (ESCI)	WOS Proof
596	Shuaib, M; Alam, S; Ahmed, R; Qamar, S; Nasir, MS; Alam, MS	Current Status, Requirements, and Challenges of Blockchain Application in Land Registry	INTERNATIONAL JOURNAL OF INFORMATION RETRIEVAL RESEARCH	2022	10.4018/IJIRR.299934	Emerging Sources Citation Index (ESCI)	WOS Proof
597	Ahammad, SKH; Kale, SD; Upadhye, GD; Pande, SD; Babu, EV; Dhumane, AV; Bahadur, DKJ	Phishing URL detection using machine learning methods	ADVANCES IN ENGINEERING SOFTWARE	2022	10.1016/j.advengsoft.2022.103288	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
598	Doppala, BP; Bhattacharyya, D; Janarthanan, M; Baik, N	A Reliable Machine Intelligence Model for Accurate Identification of Cardiovascular Diseases Using Ensemble Techniques	JOURNAL OF HEALTHCARE ENGINEERING	2022	10.1155/2022/2585235	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
599	Shunmugapriya, B; Paramasivan, B; Ananthakumaran, S; Naskath, J	Wireless Body Area Networks: Survey of Recent Research Trends on Energy Efficient Routing Protocols and Guidelines	WIRELESS PERSONAL COMMUNICATIONS	2022	10.1007/s11277-021-09250-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
600	Rakheja, P; Yadav, S; Tobria, A	A novel image encryption mechanism based on umbrella map and Yang-Gu algorithm	OPTIK	2022	10.1016/j.ijleo.2022.170152	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
601	Kumar, MS; Ganesh, D; Turukmane, AV; Batta, U; Sayyadliyakat, KK	Deep Convolution Neural Network Based solution for Detecting Plant Diseases	JOURNAL OF PHARMACEUTICAL NEGATIVE RESULTS	2022	10.47750/pnr.2022.13.S01.57	Emerging Sources Citation Index (ESCI)	WOS Proof
602	Rasveen; Agrawal, S; Chopra, K; Kumar, S	Coverage and Latency Analysis for NB-IoT in Uplink Transmission	2022 INTERNATIONAL CONFERENCE ON DECISION AID SCIENCES AND APPLICATIONS (DASA)	2022	10.1109/DASA54658.2022.9765226	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
603	Ul Haq, A; Li, JP; Khan, GA; Khan, J; Ishrat, M; Guru, A; Agbley, BLY	COMMUNITY DETECTION APPROACH VIA GRAPH REGULARIZED NON-NEGATIVE MATRIX FACTORIZATION	2022 19TH INTERNATIONAL COMPUTER CONFERENCE ON WAVELET ACTIVE MEDIA TECHNOLOGY AND INFORMATION PROCESSING (ICCWAMTIP)	2022	10.1109/ICCWAMTIP56608.2022.10016496	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
604	Verma, PK; Agrawal, P; Madaan, V; Gupta, C	UCred: fusion of machine learning and deep learning methods for user credibility on social media	SOCIAL NETWORK ANALYSIS AND MINING	2022	10.1007/s13278-022-00880-1	Emerging Sources Citation Index (ESCI)	WOS Proof
605	Dabbakuti, JRKK; Peesapati, R; Anumandla, KK	Algorithm for ionosphere delay computation based on Klobuchar-like coefficients for regional navigation satellite system users	ADVANCES IN SPACE RESEARCH	2022	10.1016/j.asr.2022.07.062	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
606	Parida, BR; Rath, AK; Mohapatra, H	Binary Self-Adaptive Salp Swarm Optimization-Based Dynamic Load Balancing in Cloud Computing	INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY AND WEB ENGINEERING	2022	10.4018/IJITWE.295964	Emerging Sources Citation Index (ESCI)	WOS Proof
607	Rustum, R; Kavitha, J; Rao, PVRDP; Bhargav, J; Babu, GC	Customer Engagement Through Social Media and Big Data Pipeline	THIRD INTERNATIONAL CONFERENCE ON IMAGE PROCESSING AND CAPSULE NETWORKS (ICIPCN 2022)	2022	10.1007/978-3-031-12413-6_47	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
608	Gowroju, S; Kumar, S; Aarti; Ghimire, A	Deep Neural Network for Accurate Age Group Prediction through Pupil Using the Optimized UNet Model	MATHEMATICAL PROBLEMS IN ENGINEERING	2022	10.1155/2022/7813701	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
609	Sherine, A; Peter, G; Stonier, AA; Praghsh, K; Ganji, V	CMY Color Spaced-Based Visual Cryptography Scheme for Secret Sharing of Data	WIRELESS COMMUNICATIONS & MOBILE COMPUTING	2022	10.1155/2022/6040902	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

610	Sivaramakrishna, SSV; Rao, BRS; Satyanarayana, GC; Rao, NN; Panda, R; Sai, SM; Ramana, MSV; Rao, DVB	Simulation of Regional Climate over the Indian subcontinent through dynamical downscaling using WRF-ARW model	THEORETICAL AND APPLIED CLIMATOLOGY	2022	10.1007/s00704-021-03905-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
611	Laad, M; Datkhile, R; Shanmugan, S	Synthesis and Characterization of Powder Silica: A Judicious Recycling of the Natural Ceramic Rice Husk Ash	SILICON	2022	10.1007/s12633-020-00915-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
612	Vesala, GT; Ghali, VS; Sastry, DVAR; Naik, RB	Deep anomaly detection model for composite inspection in quadratic frequency modulated thermal wave imaging	NDT & E INTERNATIONAL	2022	10.1016/j.ndteint.2022.102710	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
613	Mahamuda, SK; Sailaja, P; Swapna, K; Venkateswarlu, M; Rao, AS	Enhanced red emission in Eu ³⁺ ions doped ZnO-Al ₂ O ₃ -BaF ₂ -CaF ₂ -B ₂ O ₃ glasses for visible laser applications	JOURNAL OF NON-CRYSTALLINE SOLIDS	2022	10.1016/j.jnoncrysol.2021.121306	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
614	Ramakrishna, K; Singh, SK; Krishnamurthy, S	Diindolylmethane Ameliorates Ischemic Stroke-Induced Brain Injury by Peripheral and Central Mechanisms	CURRENT NEUROVASCULAR RESEARCH	2022	10.2174/1567202620666221116161128	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
615	Kumar, V; Lalotra, GS; Kumar, RK	Improving performance of classifiers for diagnosis of critical diseases to prevent COVID risk	COMPUTERS & ELECTRICAL ENGINEERING	2022	10.1016/j.compeleceng.2022.108236	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
616	Kumar, RR; Tomar, A; Shameem, M; Alam, MN	OPTCLOUD: An Optimal Cloud Service Selection Framework Using QoS Correlation Lens	COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE	2022	10.1155/2022/2019485	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
617	Nadh, BP; Madhav, BTP; Kumar, MS; Kumar, TA; Rao, MV; Reddy, SSM	MEMS-based reconfigurable and flexible antenna for body-centric wearable applications	JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS	2022	10.1080/09205071.2022.2028682	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
618	Kailasam, S; Achanta, SDM; Rao, PRK; Vatambeti, R; Kayam, S	An IoT-based agriculture maintenance using pervasive computing with machine learning technique	INTERNATIONAL JOURNAL OF INTELLIGENT COMPUTING AND CYBERNETICS	2022	10.1108/IJICC-06-2021-0101	Emerging Sources Citation Index (ESCI)	WOS Proof
619	Deepika, KK; Kumar, JV; Pinni, SV; Sura, SR; Sankar, RSR	Design of Back-to-Back Converter Interface for Electric Spring in a Distribution System	FRONTIERS IN ENERGY RESEARCH	2022	10.3389/fenrg.2022.765899	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
620	Kumar, GSVS; Kumar, A; Rajesh, S; Chekuri, RBR; Ramakotaiah, K	Optimization of FSW process parameters for welding dissimilar 6061 and 7075 Al alloys using Taguchi design approach	INTERNATIONAL JOURNAL OF NONLINEAR ANALYSIS AND APPLICATIONS	2022	10.22075/ijnaa.2021.24678.2795	Emerging Sources Citation Index (ESCI)	WOS Proof
621	Mazharunnisa, M; Thyagaraju, M; Murthy, BGK; Rahaman, MS; Padmalatha, PSV	EMPLOYEE PERCEPTION TOWARDS IMPACT OF HRD PRACTICES IN SELECT POWER UNIT IN TELANGANA REGION	INTERNATIONAL JOURNAL OF EARLY CHILDHOOD SPECIAL EDUCATION	2022	10.9756/INTJECSE/V14I5.387	Emerging Sources Citation Index (ESCI)	WOS Proof
622	Palaniappan, K; Ushasukhanya, S; Malleswari, TYJN; Selvaraj, P; Burugari, VK	Learning Disentangled Representations Using Dormant Variations	2022 9TH INTERNATIONAL CONFERENCE ON SOFT COMPUTING & MACHINE INTELLIGENCE, ISCM	2022	10.1109/ISCM56532.2022.10068446	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
623	Sravani, KG; Prathyusha, D; Gopichand, C; Maturi, SM; Elsinawi, A; Guha, K; Rao, KS	Design, simulation and analysis of RF MEMS capacitive shunt switches with high isolation and low pull-in-voltage	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2022	10.1007/s00542-020-05021-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
624	Sundararaman, P; Mohan, E; Kumer, SVA; Udayakumar, S; Moti, AF	Minimizing the Active Power Losses and Retaining the Voltage Profile of the Distribution System Using Soft Computing Techniques with DG Source	JOURNAL OF ELECTRICAL AND COMPUTER ENGINEERING	2022	10.1155/2022/9016554	Emerging Sources Citation Index (ESCI)	WOS Proof

625	Boda, R; Cherian, RK; Kumar, V	An automated brain tumor segmentation framework using a novel fruit fly UNet	CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE	2022	10.1002/cpe.7171	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
626	Doraiswami, PR; Sarveshwaran, V; Swamidason, ITJ; Sorna, SCD	Jaya-tunicate swarm algorithm based generative adversarial network for COVID-19 prediction with chest computed tomography images	CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE	2022	10.1002/cpe.7211	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
627	Bhogireddy, DN; Surapureddi, SR; Palle, S; Tadiboina, BR	Synthesis and biological evaluation of amide derivatives of benzoxazole linked Imidazo[2,1-b][1,3,4]thiadiazole as antiproliferative agents	CHEMICAL DATA COLLECTIONS	2022	10.1016/j.cdc.2022.100856	Emerging Sources Citation Index (ESCI)	WOS Proof
628	Sai, MY; Kavya, S; Bhimavarapu, SR; Mudaliar, M; Sharma, S	CPW Fed Microstrip Patch Antenna for Dedicated Short-Range Communication	WIRELESS PERSONAL COMMUNICATIONS	2022	10.1007/s11277-021-09114-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
629	Karishma, SM; Rajak, U; Naik, BK; Dasore, A; Konijeti, R	Performance and emission characteristics assessment of compression ignition engine fuelled with the blends of novel antioxidant catechol-daok biodiesel	ENERGY	2022	10.1016/j.energy.2022.123304	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
630	Annamalai, A; Annamalai, K; Ravichandran, R; Bharathkumar, S; Elumalai, S	Multi-functional carbon dots from simple precursors: An excellent heavy metal ions sensor with photocatalytic activity in aqueous environment	COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS	2022	10.1016/j.colsurfa.2022.129800	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
631	Emani, LS; Rao, JKS; Hegde, ML; Kosagisharaf, JR	Studies on the role of B to Z DNA conformational transition in neuronal cell death: relevance to neurodegenerative disorders	JOURNAL OF NEUROCHEMISTRY	2022		Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
632	Boddiboyena, R; Reddy, GN; Seelam, N; Sarma, M; Gudisela, MR	Design, synthesis, anticancer evaluation, molecular docking, and in silico ADME analysis of novel chalcones incorporated indole-pyrimidine derivatives as promising anticancer agents	CHEMICAL DATA COLLECTIONS	2022	10.1016/j.cdc.2022.100852	Emerging Sources Citation Index (ESCI)	WOS Proof
633	Chatta, BS; Haque, MI; Rao, MMS	Perceptions of University Faculty of Saudi Arabia towards Online Classes Conducted During the Covid-19 Pandemic	ARAB WORLD ENGLISH JOURNAL	2022	10.24093/awej/covid2.17	Emerging Sources Citation Index (ESCI)	WOS Proof
634	Naveenkumar, M; Srithar, S; Maheswaran, T; Sivapriya, K; Brinda, BM	Diabetic Retinopathy Disease Classification Using EfficientNet-B3	INNOVATIVE DATA COMMUNICATION TECHNOLOGIES AND APPLICATION, ICIDCA 2021	2022	10.1007/978-981-16-7167-8_59	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
635	Ramprasad, MVS; Rahman, MZU; Bayleyegn, MD	A Deep Probabilistic Sensing and Learning Model for Brain Tumor Classification With Fusion-Net and HFCMIK Segmentation	IEEE OPEN JOURNAL OF ENGINEERING IN MEDICINE AND BIOLOGY	2022	10.1109/OJEMB.2022.3217186	Emerging Sources Citation Index (ESCI)	WOS Proof
636	Satyanarayana, KV; Rao, NT; Bhattacharyya, D; Hu, YC	Identifying the presence of bacteria on digital images by using asymmetric distribution with k-means clustering algorithm	MULTIDIMENSIONAL SYSTEMS AND SIGNAL PROCESSING	2022	10.1007/s11045-021-00800-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
637	Chand, CG; Maity, R; Rao, KS; Maity, NP; Sravani, KG	Electromechanical modelling and stress analysis of RF MEMS capacitive shunt switch	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2022	10.1007/s00542-022-05367-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
638	Veeraiah, D; Deol, GJS; Ganiya, RK; Rao, JN; Bulla, S; Alene, A	RETRACTED: Energetic and Valuable Path Compendium Routing Using Frustration Free Communication Dimension Extension Algorithm in MANET (Retracted Article)	WIRELESS COMMUNICATIONS & MOBILE COMPUTING	2022	10.1155/2022/3685419	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
639	Balla, CS; Bodduna, J; Kumari, SVHNK; Rashad, AM	Effect of inclination angle on bioconvection in porous square cavity containing gyrotactic microorganisms and nanofluid	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE	2022	10.1177/09544062211055619	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

640	Slimani, A; Das, S; Madhav, BTP; El Alami, A; Bennani, SD; Jorio, M	A miniaturized high isolation printed diplexer model based on band pass filter technique for 4G-LTE/5G-Sub 6 GHz applications	JOURNAL OF INSTRUMENTATION	2022	10.1088/1748-0221/17/07/T07009	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
641	Karuppusamy, U; Dakshinamurthy, D; Ibrahim, RBS	INVESTIGATION OF MACHINABILITY AND GEOMETRY CHARACTERISTICS OF ABRASIVE WATERJET CIRCULAR CUTTING PROCESS ON Ti-6Al-4V ALLOY	SURFACE REVIEW AND LETTERS	2022	10.1142/S0218625X22500469	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
642	Cherukumalli, PKR; Tadiboina, BR; Gulipalli, KC; Bodge, S; Badavath, VN; Sridhar, G; Gangarapu, K	Design and synthesis of novel urea derivatives of pyrimidine-pyrazoles as anticancer agents	JOURNAL OF MOLECULAR STRUCTURE	2022	10.1016/j.molstruc.2021.131937	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
643	Rekha, G; Shailaja, K; Jatoth, C	Informative Software Defect Data Generation and Prediction: INF-SMOTE	ADVANCES IN COMPUTING AND DATA SCIENCES (ICACDS 2022), PT I	2022	10.1007/978-3-031-12638-3_16	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
644	Mago, N; Mittal, M; Bhimavarapu, U; Battineni, G	Optimized outdoor parking system for smart cities using advanced saliency detection method and hybrid features extraction model	JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE	2022	10.1080/16583655.2022.2068325	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
645	Kumari, S; Katiyar, S; Anand, A; Singh, D; Singh, BN; Mallick, SP; Mishra, A; Srivastava, P	Design strategies for composite matrix and multifunctional polymeric scaffolds with enhanced bioactivity for bone tissue engineering	FRONTIERS IN CHEMISTRY	2022	10.3389/fchem.2022.1051678	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
646	Kumar, A; Prabu, RT; Das, A	Configuration analysis of SnS based solar cells for high-efficiency devices	OPTICAL AND QUANTUM ELECTRONICS	2022	10.1007/s11082-022-03940-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
647	Janarthanan, P; Muruges, V; Sivakumar, N; Manoharan, S	An Efficient Face Detection and Recognition System Using RVJA and SCNN	MATHEMATICAL PROBLEMS IN ENGINEERING	2022	10.1155/2022/7117090	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
648	Kalluru, VVR; Panigrahi, C; Cherlopalli, V; Sarangam, VBR	Slant path rain attenuation predictions for Ku and Ka band frequencies from rain cell size distribution over a tropical region in southern India	INTERNATIONAL JOURNAL OF SATELLITE COMMUNICATIONS AND NETWORKING	2022	10.1002/sat.1457	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
649	Nejdi, IH; Das, S; Rhazi, Y; Madhav, BTP; Bri, S; Aitlafkih, M	A Compact Planar Multi-Resonant Multi-Broadband Fractal Monopole Antenna for Wi-Fi, WLAN, Wi-MAX, Bluetooth, LTE, S, C, and X Band Wireless Communication Systems	JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS	2022	10.1142/S0218126622502048	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
650	Kiranbabu, MNV; Devaraj, AFS; Garapati, Y; Sandeep, K	An Audit Trail Framework for SaaS Service Providers and Outcomes Comparison in Cloud Environment	INNOVATIVE DATA COMMUNICATION TECHNOLOGIES AND APPLICATION, ICIDCA 2021	2022	10.1007/978-981-16-7167-8_51	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
651	Rao, KS; Madhuri, T; Krishna, L; Sairam, TM; Vali, SS; Chand, CG; Sravani, KG	Design and analysis of RF MEMS shunt switch for V-band applications	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2022	10.1007/s00542-022-05297-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
652	Ramu, M; Shaik, N; Arulprakash, P; Jha, SK; Nagesh, P	Study on Potential AI Applications in Childhood Education	INTERNATIONAL JOURNAL OF EARLY CHILDHOOD SPECIAL EDUCATION	2022	10.9756/INT-JECSE/V14I3.1215	Emerging Sources Citation Index (ESCI)	WOS Proof
653	Saritha, D; Sandeep, CH; Sujithra, R	Current advancement on anode materials for Na-ion batteries: Review	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2022.03.068	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
654	Sumalatha, B; Narayana, AV; Khan, AA; Venkateswarulu, TC; Reddy, GS; Reddy, PR; Babu, DJ	A Sustainable Green Approach for Efficient Capture of Strontium from Simulated Radioactive Wastewater Using Modified Biochar	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH	2022	10.1007/s41742-022-00452-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

655	Meher, A; Mahapatra, MM; Samal, P; Vundavilli, PR	A review on manufacturability of magnesium matrix composites: Processing, tribology, joining, and machining	CIRP JOURNAL OF MANUFACTURING SCIENCE AND TECHNOLOGY	2022	10.1016/j.cirpj.2022.07.012	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
656	Paul, A; Mishra, AK; Shreevastava, S; Tiwari, AK	Deep Reinforcement Learning based reliable spectrum sensing under SSDF attacks in Radio networks	JOURNAL OF NETWORK AND COMPUTER APPLICATIONS	2022	10.1016/j.jnca.2022.103454	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
657	Dido, AA; Krishna, MSR; Assefa, E; Degefu, DT; Singh, BJK; Tesfaye, K	Genetic diversity, population structure and relationship of Ethiopian barley (<i>Hordeum vulgare</i> L.) landraces as revealed by SSR markers	JOURNAL OF GENETICS	2022	10.1007/s12041-021-01346-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
658	Mythily, M; Saha, S; Selvam, S; Swamidason, ITJ	BPM supported model generation by contemplating key elements of information security	AUTOMATED SOFTWARE ENGINEERING	2022	10.1007/s10515-022-00321-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
659	Vakiti, AR; Valluru, KR; Verma, SN; Syed, T; Sridhar, G; Kumar, JVS	Total synthesis of Berkeleylactone F	SYNTHETIC COMMUNICATIONS	2022	10.1080/00397911.2021.2012804	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC); Current Chemical Reactions (CCR-EXPANDED)	WOS Proof
660	Chand, CG; Maity, R; Srinivasarao, K; Maity, NP; Sravani, KG	Design and Analysis of Novel RF-MEMS Capacitive Type Shunt Switch for 5G Applications	TRANSACTIONS ON ELECTRICAL AND ELECTRONIC MATERIALS	2022	10.1007/s42341-021-00315-2	Emerging Sources Citation Index (ESCI)	WOS Proof
661	Bodiga, VL; Vemuri, PK; Kudle, MR; Bodiga, S	Ellagic Acid from Terminalia arjuna Fruits Protects Against Chromium and Cobalt Toxicity in Primary Human Lymphocytes	BIOLOGICAL TRACE ELEMENT RESEARCH	2022	10.1007/s12011-021-02900-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
662	Rao, CSVP; Pandian, A; Reddy, CR; Prasad, AG; Alahmadi, A; Alharbi, Y	A Hybrid AOSAOA Scheme Based on the Optimal Location for Electric Vehicle Parking Lots and Capacitors in a Grid to Care of Voltage Profile and Power Loss	ENERGIES	2022	10.3390/en15124202	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
663	Patel, SK; Parmar, J; Surve, J; Das, S; Madhav, BTP; Taya, SA	Metamaterial-based refractive index sensor using Ge2Sb2Te5 substrate for glucose detection	MICROWAVE AND OPTICAL TECHNOLOGY LETTERS	2022	10.1002/mop.33204	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
664	Chand, CG; Maity, R; Rao, KS; Maity, NP; Sravani, KG	Capacitance modelling of perforated RF MEMS shunt switch	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2022	10.1007/s00542-022-05364-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
665	Pittala, RK; Dhanaraju, G; Ben Beera, S; Ben Beera, A	Damping behaviour and self-healing performance evaluation of microcapsules reinforced epoxy composites by impulse excitation technique	JOURNAL OF REINFORCED PLASTICS AND COMPOSITES	2022	10.1177/07316844221077952	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
666	Tamiloli, N; Venkatesan, J; SampathKumar, T	ANFIS based forecast and parametric investigation during processing activity of AA6082T6	MATERIALS AND MANUFACTURING PROCESSES	2022	10.1080/10426914.2021.1945093	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
667	Jena, B; Bhol, K; Nanda, U; Tayal, S; Routray, SR	Performance Analysis of Ferroelectric GAA MOSFET with Metal Grain Work Function Variability	SILICON	2022	10.1007/s12633-021-01031-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
668	Koppunur, R; Dama, KK; Rokkala, U; Thirupathi, B; Sagar, NVSS; Gugulothu, B	Design and Fabrication of Patient-Specific Implant for Maxillofacial Surgery Using Additive Manufacturing	ADVANCES IN MATERIALS SCIENCE AND ENGINEERING	2022	10.1155/2022/7145732	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
669	Gupta, M; Sharma, B; Tripathi, A; Singh, S; Bhola, A; Singh, R; Dwivedi, AD	n-Player Stochastic Duel Game Model with Applied Deep Learning and Its Modern Implications	SENSORS	2022	10.3390/s22062422	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
670	El Ansari, A; Das, S; Tabakh, I; Madhav, BTP; Bendali, A; El Idrissi, NE	Design and Realization of a Broadband Multi-Beam 1 x 2 Array Antenna Based on 2 x 2 Butler Matrix for 2.45 GHz RFID Reader Applications	JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS	2022	10.1142/S0218126622503054	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

671	Sushma, G; Alagarsamy, A; Gopalakrishnan, L; Vadde, AR	Multicriteria Deming Regressive African Buffalo Optimized Mapping for 3D NoC Architecture Design	MATHEMATICAL PROBLEMS IN ENGINEERING	2022	10.1155/2022/5084178	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
672	Bhol, K; Nanda, U; Jena, B; Tayal, S; Biswal, SM	Development of an analytical model of work function modulated GAA MOSFET for electrostatic performance analysis	PHYSICA SCRIPTA	2022	10.1088/1402-4896/ac4c52	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
673	Mujawar, M; Saradhi, DV; Naz, MA; Muduli, A	Design and performance comparison of arrays of circular, square and hexagonal meta-material structures for wearable applications	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	2022	10.1016/j.jmmm.2022.169235	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
674	Gampala, V; Maram, B; Vigneshwari, S; Cristin, R	Glaucoma detection using hybrid architecture based on optimal deep neuro fuzzy network	INTERNATIONAL JOURNAL OF INTELLIGENT SYSTEMS	2022	10.1002/int.22845	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
675	Reddy, CR; Saijyotirmayi, Y; Kondalu, M; Obbu, CS; Pandian, A; Kalyan, CNS	PV Fed Vehicle Application with Fuzzy Controlled AOF for Nonlinear Load	2022 IEEE 19TH INDIA COUNCIL INTERNATIONAL CONFERENCE, INDICON	2022	10.1109/INDICON56171.2022.10039885	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
676	Kumar, OVPRS; Sundaramoorthy, A; Padmapriya, VS; Raman, DN	Preparation of freestanding films from SWCNT/PANI nanocomposites using different blending techniques and characterization of their EMI shielding effectiveness in X-band	PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS	2022	10.1080/10426507.2021.2012680	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
677	Rani, P; Singh, PN; Verma, S; Ali, N; Shukla, PK; Alhassan, M	An Implementation of Modified Blowfish Technique with Honey Bee Behavior Optimization for Load Balancing in Cloud System Environment	WIRELESS COMMUNICATIONS & MOBILE COMPUTING	2022	10.1155/2022/3365392	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
678	Krishna, VM; Mahamuda, SK; Sailaja, P; Swapna, K; Venkateswarlu, M; Devi, CBA; Rao, AS	Near-IR luminescence in Nd ³⁺ ions doped Na ₂ O-BaF ₂ -CaF ₂ -B ₂ O ₃ -TeO ₂ glasses for 1064 nm laser and fiber amplifier applications	JOURNAL OF NON-CRYSTALLINE SOLIDS	2022	10.1016/j.jnoncrysol.2022.121671	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
679	Chittireddy, HNPR; Kumar, JVS; Bhimireddy, A; Shaik, MR; Khan, M; Adil, SF; Khan, M; Aldhuwayhi, FN	Development and Validation for Quantification of 7-Nitroso Impurity in Sitagliptin by Ultraperformance Liquid Chromatography with Triple Quadrupole Mass Spectrometry	MOLECULES	2022	10.3390/molecules27238581	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
680	Soda, AK; Kurva, S; Singh, K; Veeragoni, D; Misra, S; Murahari, M; Madabhushi, S	Synthesis and Pharmacological Evaluation of Hexafluoro Functionalized Quinolone Derivatives as Potential Chemotherapeutic Agents	CHEMISTRYSELECT	2022	10.1002/slct.202201366	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
681	Kumar, V; Biswas, S; Rajput, DS; Patel, H; Tiwari, B	PCA-Based Incremental Extreme Learning Machine (PCA-IELM) for COVID-19 Patient Diagnosis Using Chest X-Ray Images	COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE	2022	10.1155/2022/9107430	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
682	Velliangiri, S; Pandiaraj, S; Joseph, SIT; Muthubalaji, S	Multiclass recognition of AD neurological diseases using a bag of deep reduced features coupled with gradient descent optimized twin support vector machine classifier for early diagnosis	CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE	2022	10.1002/cpe.7099	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
683	Madhuri, A; Jyothi, VE; Praveen, SP; Sindhura, S; Srinivas, VS; Kumar, DLS	A New Multi-Level Semi-Supervised Learning Approach for Network Intrusion Detection System Based on the 'GOA'	JOURNAL OF INTERCONNECTION NETWORKS	2022	10.1142/S0219265921430477	Emerging Sources Citation Index (ESCI)	WOS Proof
684	Rao, KS; Chand, CG; Maity, R; Maity, NP; Sravani, KG	Design of RF-MEMS Switch Integration with Circular Microstrip Patch Antenna	TRANSACTIONS ON ELECTRICAL AND ELECTRONIC MATERIALS	2022	10.1007/s42341-021-00326-z	Emerging Sources Citation Index (ESCI)	WOS Proof

685	Kalyan, CNS; Swapna, G; Rajasekaran, S; Venkateswarlu, AN; Goud, BS; Reddy, CR	Coordinated IPFC and SMES Strategy for Stability Analysis of Renewable Energy Based Contemporary Interconnected Power System with FOPID Controller	INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
686	Nelluri, KDD; Ammulu, MA; Durga, ML; Sravani, M; Kumar, VP; Poda, S	In silico multi-epitope Bunyumwera virus vaccine to target virus nucleocapsid N protein	JOURNAL OF GENETIC ENGINEERING AND BIOTECHNOLOGY	2022	10.1186/s43141-022-00355-y	Emerging Sources Citation Index (ESCI)	WOS Proof
687	Yadav, A; Joshi, D; Kumar, V; Mohapatra, H; Iwendi, C; Gadekallu, TR	Capability and Robustness of Novel Hybridized Artificial Intelligence Technique for Sediment Yield Modeling in Godavari River, India	WATER	2022	10.3390/w14121917	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
688	Koutavarapu, R; Umakanth, N; Madhav, BTP; Kumari, BS; Rao, MC; Lee, DY; Shim, J	Variation of Thermodynamic Indices Over Four Stations of Bangladesh	THALASSAS	2022	10.1007/s41208-021-00344-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
689	Deb, D; Mahajan, BK	Modeling of Spin Transport in Hybrid Magnetic Tunnel Junctions for Magnetic Recording Applications	CRYSTALS	2022	10.3390/cryst12101411	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
690	Babu, JS; Prasanna, HBN; Babu, JS; Rao, YN; Beyan, SM	RETRACTED: Environmental Applications of Sorbents, High-Flux Membranes of Carbon-Based Nanomaterials (Retracted Article)	ADSORPTION SCIENCE & TECHNOLOGY	2022	10.1155/2022/8218476	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
691	Prasanth, DSNBK; Murahari, M; Chandramohan, V; Guntupalli, C; Atmakuri, LR	Computational study for identifying promising therapeutic agents of hydroxychloroquine analogues against SARS-CoV-2	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	2022	10.1080/07391102.2021.1965027	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
692	Najumunnisa, M; Sastry, ASC; Madhav, BTP; Das, S; Hussain, N; Ali, SS; Aslam, M	A Metamaterial Inspired AMC Backed Dual Band Antenna for ISM and RFID Applications	SENSORS	2022	10.3390/s22208065	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
693	Pan, HL; Huang, JP; An, LL; Zhang, JX; Kumar, KR	The CALIPSO retrieved spatiotemporal and vertical distributions of AOD and extinction coefficient for different aerosol types during 2007-2019: A recent perspective over global and regional scales	ATMOSPHERIC ENVIRONMENT	2022	10.1016/j.atmosenv.2022.118986	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
694	Pathuri, SK; Anbazhagan, N; Joshi, GP; You, JS	Feature-Based Sentimental Analysis on Public Attention towards COVID-19 Using CUDA-SADBM Classification Model	SENSORS	2022	10.3390/s22010080	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
695	Vulichchi, SR; Runthala, A; Begari, N; Rupak, K; Chunduri, VR; Kapur, S; Chippada, AR; Sistla, DSM	Type-2 diabetes mellitus-associated cancer risk: In pursuit of understanding the possible link	DIABETES & METABOLIC SYNDROME-CLINICAL RESEARCH & REVIEWS	2022	10.1016/j.dsx.2022.102591	Emerging Sources Citation Index (ESCI)	WOS Proof
696	Krishna, MH; Dasore, A; Rajak, U; Konijeti, R; Verma, TN	Thermo-Economic Optimization of Spiral Plate HX by Means of Gradient and Gradient-Free Algorithm	ADVANCEMENT IN MATERIALS, MANUFACTURING AND ENERGY ENGINEERING, VOL. II, ICAMME 2021	2022	10.1007/978-981-16-8341-1_48	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
697	Didde, S; Dubey, RS; Panda, SK; Babu, GS	Experimental study of doped zinc aluminate nanoparticles by bottom-up approach for microstrip patch antenna applications	JOURNAL OF MATERIALS SCIENCE	2022	10.1007/s10853-022-07929-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
698	Rajeswari, R; Gampala, V; Maram, B; Cristin, R	FWLICM-Deep Learning: Fuzzy Weighted Local Information C-Means Clustering-Based Lung Lobe Segmentation with Deep Learning for COVID-19 Detection	JOURNAL OF DIGITAL IMAGING	2022	10.1007/s10278-022-00667-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
699	Pittala, RK; Dhanaraju, G; Ben, BS; Ben, AVA	Self-healing of matrix cracking and delamination damage assessment in microcapsules reinforced carbon fibre epoxy composite under flexural loading	COMPOSITE STRUCTURES	2022	10.1016/j.compstruct.2022.115691	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

700	Bora, HJ; Paul, C; Sen Sarma, N; Kalita, A	Facile Synthesis of Regenerative Framework Adsorbent for Organic Dyes: Experimental and Artificial Neural Modeling Studies	CHEMISTRYSELECT	2022	10.1002/slct.202203766	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
701	Rooban, S; Ratnam, AYN; Ramprasad, MVS; Subbulakshmi, N; Mageswari, RU	Truncation and Rounding-Based Scalable Approximate Multiplier Design for Computer Imaging Applications	CMC-COMPUTERS MATERIALS & CONTINUA	2022	10.32604/cmc.2022.027 974	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
702	Anusha, T; Bhavani, KS; Kumar, JVS; Brahman, PK; Hassan, RYA	Fabrication of electrochemical immunosensor based on GCN-β-CD/Au nanocomposite for the monitoring of vitamin D deficiency	BIOELECTROCHEMISTRY	2022	10.1016/j.bioelechem.2 021.107935	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
703	Kolli, M; Kosaraju, S; Aruri, D; Nageswararao, M	Influence of Rotary Assisted Electrical Discharge Machining of 17-4PH Stainless Steel Using Taguchi Technique	INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES	2022	10.56042/ijems.v29i6.7 0267	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
704	Rao, KR; Rahman, MZU; Satamraju, KP; Reddy, BNK	Genetic Algorithm for Cross-Layer-Based Energy Hole Minimization in Wireless Sensor Networks	IEEE SENSORS LETTERS	2022	10.1109/LSSENS.2022.32 19857	Emerging Sources Citation Index (ESCI)	WOS Proof
705	Mullaguri, SC; Akula, S; Ashireddygar, VR; Sahoo, PS; Burra, VLSP; Silveri, R; Mupparapu, V; Korikani, M; Amanchi, NR; Subramanian, J; Kancha, RK	Estimated sensitivity profiles of lung cancer specific uncommon BRAF mutants towards experimental and clinically approved kinase inhibitors	TOXICOLOGY AND APPLIED PHARMACOLOGY	2022	10.1016/j.taap.2022.11 6213	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
706	Koutavarapu, R; Umakanth, N; Madhav, BTP; Rao, MC; Lee, DY; Shim, J	Study of Pre-monsoon CAPE Development over Puducherry, India	THALASSAS	2022	10.1007/s41208-022- 00402-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
707	Laiphrakpam, DS; Thingbaijam, R; Singh, KM; Al Awida, M	Encrypting Multiple Images With an Enhanced Chaotic Map	IEEE ACCESS	2022	10.1109/ACCESS.2022.3 199738	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
708	Bhavani, KD; Madhav, BTP; Das, S; Hussain, N; Ali, SS; Babu, KV	Development of Metamaterial Inspired Non-Uniform Circular Array Superstate Antenna Using Characteristic Mode Analysis	ELECTRONICS	2022	10.3390/electronics111 62517	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
709	Reddy, CS; Ali, F; Al- Farhany, K; Sridhar, W	Numerical analysis of gyrotactic microorganisms in MHD radiative Eyring-Powell nanofluid across a static/moving wedge with Soret and Dufour effects	ZAMM-ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK	2022	10.1002/zamm.202100 459	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
710	Tamiloli, N; Venkatesan, J; Krishna, PRRV; Kumar, TS	Time domain and frequency domain of coated milling inserts using FFT spectrum	MATERIALS AND MANUFACTURING PROCESSES	2022	10.1080/10426914.202 2.2065012	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
711	Ramesh, NVK; Karthik, CVS; Yugesh, J; Vani, BV; Reddy, BNK	Analysis of Potential Regions for Maritime using QGIS Tool	2022 SECOND INTERNATIONAL CONFERENCE ON ADVANCES IN ELECTRICAL, COMPUTING, COMMUNICATION AND SUSTAINABLE TECHNOLOGIES (ICAECT)	2022	10.1109/ICAECT54875.2 022.9808015	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
712	Reddy, RKK; George, N; Mohan, S; Bhagat, V; Arunkumar, MP	Vibro-acoustic behavior of metallic foam doubly-curved plates	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2022.0 3.707	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
713	Nakka, S; Komati, TR; Chekuri, SS	A Novel Architecture for Feature Extraction and Convolution for Image Segmentation of Pathology Detection from Chest X-Ray Images	TRAITEMENT DU SIGNAL	2022	10.18280/ts.390637	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
714	Prasad, PY; Prasad, D; Malleswari, DN; Shetty, MN; Gupta, N	Implementation of Machine Learning Based Google Teachable Machine in Early Childhood Education	INTERNATIONAL JOURNAL OF EARLY CHILDHOOD SPECIAL EDUCATION	2022	10.9756/INT- JECSE/V14I3.527	Emerging Sources Citation Index (ESCI)	WOS Proof

715	Swamidason, ITJ; Tatiparthi, S; Velswamy, K; Velliangiri, S	Intelligent personal assistant for personal computers using long short-term memory-based verbalizer	INTERNATIONAL JOURNAL OF INTELLIGENT UNMANNED SYSTEMS	2022	10.1108/IJIUS-02-2022-0012	Emerging Sources Citation Index (ESCI)	WOS Proof
716	Saravanan, G; Gnanamuthu, RM; Sankaranarayanan, S	Facile Electrochemical Fabrication of Pt Decorated rGO and Its Electro-Catalytic Applications	JOM	2022	10.1007/s11837-022-05269-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
717	Luo, YH; Zhao, TL; Yang, YJ; Zong, L; Kumar, KR; Wang, H; Meng, K; Zhang, L; Lu, S; Xin, YS	Seasonal changes in the recent decline of combined high PM2.5 and O3 pollution and associated chemical and meteorological drivers in the Beijing-Tianjin-Hebei region, China	SCIENCE OF THE TOTAL ENVIRONMENT	2022	10.1016/j.scitotenv.2022.156312	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
718	Babu, KV; Das, S; Sree, GNJ; Madhav, BTP; Patel, SKK; Parmar, J	Design and optimization of micro-sized wideband fractal MIMO antenna based on characteristic analysis of graphene for terahertz applications	OPTICAL AND QUANTUM ELECTRONICS	2022	10.1007/s11082-022-03671-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
719	Abushanab, WSB; Moustafa, E; Harish, M; Shanmugan, SH; Elsheikh, A	Experimental investigation on surface characteristics of Ti6Al4V alloy during abrasive water jet machining process	ALEXANDRIA ENGINEERING JOURNAL	2022	10.1016/j.aej.2022.01.004	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
720	Ukidve, A; Mantha, SS; Reddy, DN	SIGNIFICANCE OF IMPLEMENTATION OF IS POLICY AND INTERNAL AND MONITORING MECHANISM, IN ACCOMPLISHING COMPLIANCE WITH INFORMATION SECURITY REGULATIONS, FRAMEWORKS AND STANDARDS (RFS), FOR BANKING SECTOR	INTERNATIONAL JOURNAL OF EARLY CHILDHOOD SPECIAL EDUCATION	2022	10.9756/INTJECSE/V14I5.206	Emerging Sources Citation Index (ESCI)	WOS Proof
721	Tayal, S; Ajayan, J; Joseph, LMIL; Tarunkumar, J; Nirmal, D; Jena, B; Nandi, A	A Comprehensive Investigation of Vertically Stacked Silicon Nanosheet Field Effect Transistors: an Analog/RF Perspective	SILICON	2022	10.1007/s12633-021-01128-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
722	Selvi, PT; Sri, TS; Rao, MN; Babu, BSSVR; Rao, KV; Srikanth, A	Toward efficient security-based authentication for the internet of drones in defense wireless communication	SOFT COMPUTING	2022	10.1007/s00500-021-06678-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
723	Yadlapalli, P; Bhavana, D; Gunnam, S	Intelligent classification of lung malignancies using deep learning techniques	INTERNATIONAL JOURNAL OF INTELLIGENT COMPUTING AND CYBERNETICS	2022	10.1108/IJICC-07-2021-0147	Emerging Sources Citation Index (ESCI)	WOS Proof
724	Kolahalam, LA; Diwakar, BS; Viswanath, IVK; Reddy, V; Jyothi, NK; Singh, J	Influence of Silver and Copper Substitution on Structural, Dielectric, Magnetic, and Catalytic Properties of Nano-Lanthanum Ferrites	JOURNAL OF NANOSTRUCTURES	2022	10.22052/JNS.2022.01.011	Emerging Sources Citation Index (ESCI)	WOS Proof
725	Srisailla, A; Rajani, D; Madhavi, MVDNS; Lakshmi, GJ; Amarendra, K; Dasari, NR	An Improved Data Generalization Model for Real-Time Data Analysis	SCIENTIFIC PROGRAMMING	2022	10.1155/2022/4118371	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
726	Rahman, MZU; Rooban, S; Rohini, P; Ramprasad, MVS; Kodavanti, PV	Frequency Domain Adaptive Learning Algorithm for Thoracic Electrical Bioimpedance Enhancement	CMC-COMPUTERS MATERIALS & CONTINUA	2022	10.32604/cmc.2022.027672	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
727	Kamal, A; Ashmawy, M; Shanmugan, S; Algazzar, AM; Elsheikh, AH	Fabrication techniques of polymeric nanocomposites: A comprehensive review	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE	2022	10.1177/09544062211055662	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
728	Chandrika, M; Ravindra, AV; Rajesh, C	Potato starch assisted sodium hydrogen titanium oxide/titanium dioxide nanostructures and annealing effects	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2022	10.1007/s00339-022-05286-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

729	Prasad, TVSG; Turukmane, AV; Kumar, MS; Madhavi, NB; Sushama, C; Neelima, P	CNN BASED PATHWAY CONTROL TO PREVENT COVID SPREAD USING FACE MASK AND BODY TEMPERATURE DETECTION	JOURNAL OF PHARMACEUTICAL NEGATIVE RESULTS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
730	Vedavathi, N; Venkatadri, K; Fazuruddin, S; Raju, GSS	Natural Convection Flow in Semi-Trapezoidal Porous Enclosure Filled with Alumina-Water Nanofluid Using Tiwari and Das' Nanofluid Model	ENGINEERING TRANSACTIONS	2022	10.24423/EngTrans.1285.20221004	Emerging Sources Citation Index (ESCI)	WOS Proof
731	Vankayalapati, HD; Kuchibhotla, S; Chadalavada, MSK; Dargar, SK; Anne, KR; Kyamakya, K	A Novel Zernike Moment-Based Real-Time Head Pose and Gaze Estimation Framework for Accuracy-Sensitive Applications	SENSORS	2022	10.3390/s22218449	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
732	Goud, BS; Shin, G; Vattikuti, SVP; Mamed, N; Kim, H; Koyyada, G; Kim, JH	Enzyme-integrated biomimetic cobalt metal-organic framework nanozyme for one-step cascade glucose biosensing via tandem catalysis	BIOCHEMICAL ENGINEERING JOURNAL	2022	10.1016/j.bej.2022.108669	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
733	Varma, PBS; Paturu, S; Mishra, S; Rao, BS; Kumar, PM; Krishna, NV	SLDCNet: Skin lesion detection and classification using full resolution convolutional network-based deep learning CNN with transfer learning	EXPERT SYSTEMS	2022	10.1111/exsy.12944	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
734	Kumar, A; Vivekananda, K; Prasad, AVSR	Experimental investigation and parametric optimization during EDM of Titanium grade 9 using MOORA-fuzzy integrated multi-objective Genetic algorithm	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2022.04.938	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
735	Reddy, GS; Siddiqui, N; Teja, JS; Reddy, PGV; Kumar, RT; Chaitanya, NK; Vineethanand, J; Reddy, MM; Reddy, NK; Reddy, VN; Dhakate, D; Avula, VR	Optimization of Thermo-Physical Properties For The Binary System Of Acetone-Water At 303.15-318.15 K By Response Surface Quadratic Model	INTERNATIONAL JOURNAL OF LIFE SCIENCE AND PHARMA RESEARCH	2022	10.22376/ijpbs/lpr.2022.12.1.1247-264	Emerging Sources Citation Index (ESCI)	WOS Proof
736	Harish, R; Nimmagadda, R; Reddy, SR	Turbulent melting characteristics of hybrid nano-enhanced molten salt phase change material in rectangular enclosure	JOURNAL OF ENERGY STORAGE	2022	10.1016/j.est.2022.105328	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
737	Dabbakuti, JRKK; Yarrakula, M; Panda, SK; Jamjareegulgarn, P; Haq, MA	Total electron content prediction using singular spectrum analysis and autoregressive moving average approach	ASTROPHYSICS AND SPACE SCIENCE	2022	10.1007/s10509-021-04036-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
738	Elsheikh, AH; Panchal, HN; Sengottain, S; Alsaleh, NA; Ahmadein, M	Applications of Heat Exchanger in Solar Desalination: Current Issues and Future Challenges	WATER	2022	10.3390/w14060852	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
739	Kethireddy, R; Kadiri, SR; Gangashetty, SV	Deep neural architectures for dialect classification with single frequency filtering and zero-time windowing feature representations	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	2022	10.1121/10.0009405	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
740	Sundar, MS; Neelambaram, B; Farhad, S; Kumar, BP	SMARTPHONE ASSISTED LEARNING TO ENHANCE ENGLISH LANGUAGE SKILLS FOR GRE, TOEFL & IELTS	INTERNATIONAL JOURNAL OF EARLY CHILDHOOD SPECIAL EDUCATION	2022	10.9756/INT-JECSE/V14I3.294	Emerging Sources Citation Index (ESCI)	WOS Proof
741	Srilatha, K; Madhav, BTP; Reddy, SSM; Ahamad, SS; Das, S; Narayana, JL	Instrumentation based material characterization of a split square ring metamaterial and its analytical study as cloak for microwave communication applications	ENGINEERING RESEARCH EXPRESS	2022	10.1088/2631-8695/aca379	Emerging Sources Citation Index (ESCI)	WOS Proof
742	Ponnusamy, M; Bedi, P; Suresh, T; Alagarsamy, A; Manikandan, R; Yuvaraj, N	Design and analysis of text document clustering using salp swarm algorithm	JOURNAL OF SUPERCOMPUTING	2022	10.1007/s11227-022-04525-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

743	Mohapatra, SS; Kumar, RR; Alenezi, M; Zamani, A; Parveen, N	QoS-Aware Cloud Service Recommendation Using Metaheuristic Approach	ELECTRONICS	2022	10.3390/electronics11213469	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
744	Sarma, M; Chen, LM; Chen, YS; Wong, KT	Exciplexes in OLEDs: Principles and promises	MATERIALS SCIENCE & ENGINEERING R-REPORTS	2022	10.1016/j.mser.2022.100689	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
745	Chakraborty, B; Mandal, N; Das, N; Samanta, N; RoyChaudhuri, C	Competitive Impedance Spectroscopy in a Schottky-Contacted ZnO Nanorod Structure for Ultrasensitive and Specific Biosensing in a Physiological Analyte	ACS SENSORS	2022	10.1021/acssensors.1c02135	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
746	Oruganti, KK; Kommineni, MS; Gadiraju, S; Bodiga, S; Bodiga, VL; Veeravilli, S; Prasad, CVS; Vemuri, PK	Study on Nutritional and Therapeutic Properties of Pleurotus ostreatus	ASIAN JOURNAL OF PHARMACEUTICS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
747	Nagamalla, L; Kumar, JVS; Sanjay, C; Alsamhan, AM; Shaik, MR	In-silico study of seaweed secondary metabolites as AXL kinase inhibitors	SAUDI JOURNAL OF BIOLOGICAL SCIENCES	2022	10.1016/j.sjbs.2021.11.054	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
748	Kethireddy, R; Kadiri, SR; Gangashetty, SV	Exploration of temporal dynamics of frequency domain linear prediction cepstral coefficients for dialect classification	APPLIED ACOUSTICS	2022	10.1016/j.apacoust.2021.108553	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
749	Krishna, S; Murthy, TPK; Divyashri, G; Murahari, M; Shukla, R; Kumar, SB; Singh, TR	Pharmacoinformatics based screening of combined synthetic and natural compounds to identify novel and in silico potential Bcl-2 inhibitors	JOURNAL OF MOLECULAR LIQUIDS	2022	10.1016/j.molliq.2022.120250	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
750	Rao, RC; Lakshmi, KM; Raja, C; Varma, PBS; Rao, GRK; Patibandla, A	Real-Time Implementation and Testing of VoIP Vocoders with Asterisk PBX Using Wireshark Packet Analyzer	JOURNAL OF INTERCONNECTION NETWORKS	2022	10.1142/S0219265921410309	Emerging Sources Citation Index (ESCI)	WOS Proof
751	Gogiseti, G; Kanna, U; Sharma, V; Allaka, TR; Tadiboina, BR	Design, Synthesis and Bio-Evaluation of Novel Chalcones Bridged with 1,3,4-Oxadiazole Linkers: ADMET and Docking Analysis	CHEMISTRY & BIODIVERSITY	2022	10.1002/cbdv.202200681	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
752	Chithaluru, P; Al-Turjman, F; Kumar, M; Stephan, T	MTCEE-LLN: Multilayer Threshold Cluster-Based Energy-Efficient Low-Power and Lossy Networks for Industrial Internet of Things	IEEE INTERNET OF THINGS JOURNAL	2022	10.1109/JIOT.2021.3107538	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
753	Karnati, R; Rao, HJ; Prakash, PGO; Maram, B	Deep computation model to the estimation of sulphur dioxide for plant health monitoring in IoT	INTERNATIONAL JOURNAL OF INTELLIGENT SYSTEMS	2022	10.1002/int.22653	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
754	Turaga, NK; Syed, SM; Karthik, P; Neeraj, P; Turaga, M	Effect of Perceived justice on Brand Trustworthiness and perceived Brand value in Tourism Industry	INTERNATIONAL JOURNAL OF EARLY CHILDHOOD SPECIAL EDUCATION	2022	10.9756/INT-JECSE/V14I1.001	Emerging Sources Citation Index (ESCI)	WOS Proof
755	Murty, VRL; Venkateswarlu, M; Swapna, K; Mahamuda, S; Rani, PR; Rao, AS	Optical and spectroscopic studies of Dy3+ ions doped Alumino tungsten borate glasses for w-LEDs applications	POLYHEDRON	2022	10.1016/j.poly.2022.116137	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
756	Samuel, N; Srinath, A; Sharma, N; Tammanna, AK; Basha, MS	Solar organic Rankine cycle-Parametric analysis based on exergy vs energy approaches	JOURNAL OF RENEWABLE AND SUSTAINABLE ENERGY	2022	10.1063/5.0098659	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
757	Atgur, V; Manavendra, G; Desai, GP; Banapurmath, NR; Vadlamudi, C; Krishnappa, S; Rao, BN	Thermal behavior of diesel, honge oil methyl ester and ITS B-20 blend in atmospheric air and oxygen	INTERNATIONAL JOURNAL OF SUSTAINABLE ENGINEERING	2022	10.1080/19397038.2022.2131931	Emerging Sources Citation Index (ESCI)	WOS Proof

758	Chokkara, SP; Gaur, A; Sravani, KG; Balaji, B; Rao, KS	Design, Simulation and Analysis of a Slotted RF MEMS Switch	TRANSACTIONS ON ELECTRICAL AND ELECTRONIC MATERIALS	2022	10.1007/s42341-021-00363-8	Emerging Sources Citation Index (ESCI)	WOS Proof
759	Kopparthi, VR; Kali, A; Sabat, SL; Anumandla, KK; Peesapati, R; Fouda, JSAE	Hardware architecture of a digital piecewise linear chaotic map with perturbation for pseudorandom number generation	AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS	2022	10.1016/j.aeue.2022.154138	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
760	Anguraj, DK; Bashar, A; Nidhya, R; Shimna, PK; Ravi, RV	Minimizing path loss and improving security in wireless body area networks	INTERNATIONAL JOURNAL OF INTELLIGENT UNMANNED SYSTEMS	2022	10.1108/IJIUS-09-2020-0047	Emerging Sources Citation Index (ESCI)	WOS Proof
761	Chandrika, M; Ravindra, AV; Wang, SY; Ju, SH	Potato starch-assisted green synthesis of nanoferrite and ferrite-semiconductor nanocomposites for effective visible light photocatalytic degradation of methylene blue	JOURNAL OF MATERIALS SCIENCE	2022	10.1007/s10853-021-06701-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
762	Sathiyar, SP; Pratap, CB; Stonier, AA; Peter, G; Sherine, A; Praghsh, K; Ganji, V	Comprehensive Assessment of Electric Vehicle Development, Deployment, and Policy Initiatives to Reduce GHG Emissions: Opportunities and Challenges	IEEE ACCESS	2022	10.1109/ACCESS.2022.3175585	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
763	Gangadhar, C; Nagendra, NA; Aaqib, SM; Sulaikha, CM; Shaheena, K; Rao, KS	COVID-19 image transmission using convolutional neural networks based algorithms for medical applications	WORLD JOURNAL OF ENGINEERING	2022	10.1108/WJE-03-2021-0158	Emerging Sources Citation Index (ESCI)	WOS Proof
764	Bodduna, J; Mallesh, MP; Balla, CS; Shehzad, SA	ACTIVATION ENERGY PROCESS IN BIOCONVECTION NANOFLUID FLOW THROUGH POROUS CAVITY	JOURNAL OF POROUS MEDIA	2022		Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
765	Kumar, A; Ahuja, J; Mondal, A; Bag, A	Ga-In Nanoparticle Induced UV Plasmonic Impact on Heterojunction Based Deep UV Photodetector	IEEE TRANSACTIONS ON NANOTECHNOLOGY	2022	10.1109/TNANO.2022.3168495	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
766	Reddy, RA; Rao, KR; Babu, BR; Kumar, GK; Rajesh, C; Chatterjee, A; Jyothi, NK	Structural, electrical and magnetic properties of cobalt ferrite with Nd ³⁺ doping	RARE METALS	2022	10.1007/s12598-019-01285-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
767	Anguraj, DK; Balasubramanian, S; Kumar, ES; Rani, JV; Ashwin, M	Internet of things (IoT)-based unmanned intelligent street light using renewable energy	INTERNATIONAL JOURNAL OF INTELLIGENT UNMANNED SYSTEMS	2022	10.1108/IJIUS-10-2020-0060	Emerging Sources Citation Index (ESCI)	WOS Proof
768	Krishna, CM; Das, S; Koley, C; Madhav, BTP	Investigations on Three-Pole Microstrip Low-Pass Filters Incorporated with DGS and Fractals for Selectivity Improvement	JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS	2022	10.1142/S0218126622500906	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
769	Kavitha, A; Madupu, RK; Ravichandran, S; Shanmugan, S; Selvaraju, P; Prasad, MVVKS	Luminescence, high thermal stability of Erbium - Ytterbium Schiff base metal complexes for bioimaging application	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2021.07.102	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
770	Srinivasulu, K; Babu, S; Gowrisankar, M; VenkateswaraRao, P; Rathnam, MV	Study of Thermodynamic and Transport Properties for Binary Mixtures of 4-Methyl-2-pentanone and Meta-substituted Aniline Systems with PFP Theory and Correlation with the Jouyban-Acree Model at 303.15, 308.15, and 313.15 K	JOURNAL OF SOLUTION CHEMISTRY	2022	10.1007/s10953-022-01182-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
771	Reddy, VUN; Ramanaiah, SV; Reddy, MV; Chang, YC	Review of the Developments of Bacterial Medium-Chain-Length Polyhydroxyalkanoates (mcl-PHAs)	BIOENGINEERING-BASEL	2022	10.3390/bioengineering9050225	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

772	Botlagunta, M; Khatri, K; Devi, M; Doneti, R; Pasha, A; Pawar, SC	Differential Expression of DDX3 and microRNAs in Response to Hormone and Cisplatin Against Cervical Cancer	EURASIAN JOURNAL OF MEDICINE AND ONCOLOGY	2022	10.14744/ejmo.2023.96531	Emerging Sources Citation Index (ESCI)	WOS Proof
773	Kasturi, SB; Reddy, PV; Nagendra, KV; Madhavi, MR; Jha, SK	An Improved Energy Efficient Solution for Routing in IoT	JOURNAL OF PHARMACEUTICAL NEGATIVE RESULTS	2022	10.47750/pnr.2022.13.S06.221	Emerging Sources Citation Index (ESCI)	WOS Proof
774	Priyadarsini, S; Romero, CAT; Mrunalini, M; Rao, GRK; Sengan, S	Classification of Liver Tumors from Computed Tomography Using NRSVM	INTELLIGENT AUTOMATION AND SOFT COMPUTING	2022	10.32604/iasc.2022.024786	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
775	Jain, A; Singh, J; Kumar, S; Florin-Emilian, T; Candin, MT; Chithaluru, P	Improved Recurrent Neural Network Schema for Validating Digital Signatures in VANET	MATHEMATICS	2022	10.3390/math10203895	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
776	Balamurugan, D; Aravinth, SS; Reddy, PCS; Rupani, A; Manikandan, A	Multiview Objects Recognition Using Deep Learning-Based Wrap-CNN with Voting Scheme	NEURAL PROCESSING LETTERS	2022	10.1007/s11063-021-10679-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
777	Aghoutane, B; Das, S; EL Ghzaoui, M; Madhav, BTP; El Faylali, H	A novel dual band high gain 4-port millimeter wave MIMO antenna array for 28/37 GHz 5G applications	AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS	2022	10.1016/j.aeue.2021.154071	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
778	Priyadarsini, S; Romero, CAT; Mehbodniya, A; Sagar, PV; Sengan, S	Automatic Liver Tumor Segmentation in CT Modalities Using c	COMPUTER SYSTEMS SCIENCE AND ENGINEERING	2022	10.32604/csse.2022.024788	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
779	Murty, VRL; Venkateswarlu, M; Swapna, K; Mahamuda, S; Rani, PR; Rao, AS	Physical and spectroscopic studies of Sm ³⁺ ions doped Alumino Tungsten Borate glasses for photonic applications	RADIATION PHYSICS AND CHEMISTRY	2022	10.1016/j.radphyschem.2021.109806	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
780	Fonnesu, R; Thunuguntla, VBSC; Veeramachaneni, GK; Bondili, JS; La Rocca, V; Filipponi, C; Spezia, PG; Sidoti, M; Plicanti, E; Quaranta, P; Freer, G; Pistello, M; Mathai, ML; Lai, M	Palmitoylethanolamide (PEA) Inhibits SARS-CoV-2 Entry by Interacting with S Protein and ACE-2 Receptor	VIRUSES-BASEL	2022	10.3390/v14051080	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
781	Reddy, GS; Siddiqui, N; Sahitya, P; Ayyappa, K; Teja, T; Akhil, KS; Raju, MVS; Reddy, MM; Reddy, NK; Reddy, VN; Dhakate, D; Avula, VR	Isolation, Screening, Characterization And Application Of Biosurfactant By Achromobacter Xylos Strain GSR21 Producing Bacteria From Hydrocarbons Contaminated Soil	INTERNATIONAL JOURNAL OF LIFE SCIENCE AND PHARMA RESEARCH	2022	10.22376/ijpbs/lpr.2022.12.1.L154-169	Emerging Sources Citation Index (ESCI)	WOS Proof
782	Bhogireddy, DN; Surapureddi, SR; Syed, T; Prashanth, T; Tadiboina, BR	Synthesis and biological evaluation of aryl derivatives of isoxazole pyrazolo[1,5-a] pyrimidines as anticancer agents	SYNTHETIC COMMUNICATIONS	2022	10.1080/00397911.2022.2056846	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC)	WOS Proof
783	Meher, A; Mahapatra, MM; Samal, P; Vundavilli, PR; Shankar, KV	Statistical Modeling of the Machinability of an In-Situ Synthesized RZ5/TiB2 Magnesium Matrix Composite in Dry Turning Condition	CRYSTALS	2022	10.3390/cryst12101353	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
784	Prasanna, JL; Goel, E; Kumar, A; Laref, A; Santhosh, C; Ranjan, P; Kumar, A	Bandgap graded perovskite solar cell for above 30% efficiency	OPTIK	2022	10.1016/j.ijleo.2022.169891	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

785	Gao, HX; Kareem, A; Jawarneh, M; Ofori, I; Raffik, R; Kishore, KH	RETRACTED: Metaheuristics Based Modeling and Simulation Analysis of New Integrated Mechanized Operation Solution and Position Servo System (Retracted Article)	MATHEMATICAL PROBLEMS IN ENGINEERING	2022	10.1155/2022/1466775	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
786	Kalyan, CNS; Kumar, MD; Goud, BS; Shahinzadeh, H; Reddy, CR; Kumar, MK	Frequency Regulation of Multi Area Hybrid Source Power System with Energy Storage Devices	2022 CPSSI 4TH INTERNATIONAL SYMPOSIUM ON REAL-TIME AND EMBEDDED SYSTEMS AND TECHNOLOGIES (RTEST 2022)	2022	10.1109/RTEST56034.2022.9850101	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
787	Madhu, M; Rao, AV; Parajuli, D; Mulushoa, SY; Murali, N	Cr ³⁺ substitution influence on structural, magnetic and electrical properties of the Ni _{0.3} Zn _{0.5} Co _{0.2} Fe _{2-x} CrxO ₄ (0.00 ≤ x ≤ 0.20) nanosized spinel ferrites	INORGANIC CHEMISTRY COMMUNICATIONS	2022	10.1016/j.inoche.2022.109818	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
788	Biradar, P; Shweta, P; Padmanaban, K; Suresh, A; Bakhar, M; Yeshitla, A	Active Learning Assisted Admission and Bandwidth Management in HWN for Facilitating Differential QoS under Multicriteria Factors	SCIENTIFIC PROGRAMMING	2022	10.1155/2022/3175070	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
789	Arora, A; Gupta, A; Siwach, M; Dadheech, P; Kommuri, K; Altuwairiqi, M; Tiwari, B	Web-Based News Straining and Summarization Using Machine Learning Enabled Communication Techniques for Large-Scale 5G Networks	WIRELESS COMMUNICATIONS & MOBILE COMPUTING	2022	10.1155/2022/3792816	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
790	Nayak, RK; Rath, AK; Tripathy, R; Mishra, D; Mohapatra, H	Prediction of Plasma Membrane Cholesterol from 7-Transmembrane Receptor Using Hybrid Machine Learning Algorithm	INTERNATIONAL JOURNAL OF ELECTRICAL AND COMPUTER ENGINEERING SYSTEMS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
791	Rajakumari, P; Bojja, P; Ch, SC; Mrudula, ST; Putta, KR; Gosuadigo, A	Experimental Analysis and Improvements of a Visible Spectrophotometer for Detection of Nano Materials	INTERNATIONAL JOURNAL OF CHEMICAL ENGINEERING	2022	10.1155/2022/7952197	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
792	Mustafa, M; Anandhakumar, G; Jacob, AA; Singh, NP; Asha, S; Jayadhas, SA	Hybrid Renewable Power Generation for Modeling and Controlling the Battery Storage Photovoltaic System	INTERNATIONAL JOURNAL OF PHOTOENERGY	2022	10.1155/2022/9491808	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
793	Reddy, GS; Rao, AV; Keshavulu, M; Viswanath, IVK; Laxminarayana, E	Design, Synthesis, and Biological Evaluation of Fluoroquinolones Linked to 4-Thiazolidinone Moieties as Potent Antimicrobial Agents: Docking Analysis	RUSSIAN JOURNAL OF GENERAL CHEMISTRY	2022	10.1134/S1070363222090171	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC)	WOS Proof
794	Chithaluru, P; Kumar, S; Singh, A; Benslimane, A; Jangir, SK	An Energy-Efficient Routing Scheduling Based on Fuzzy Ranking Scheme for Internet of Things	IEEE INTERNET OF THINGS JOURNAL	2022	10.1109/JIOT.2021.3098430	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
795	Babu, KV; Das, S; Varshney, G; Sree, GNJ; Madhav, BTP	A micro-scaled graphene-based tree-shaped wideband printed MIMO antenna for terahertz applications	JOURNAL OF COMPUTATIONAL ELECTRONICS	2022	10.1007/s10825-021-01831-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
796	Rani, S; Kumar, S; Ghai, D; Prasad, KVV	Automatic Detection of Brain Tumor from CT and MRI Images using Wireframe model and 3D Alex-Net	2022 INTERNATIONAL CONFERENCE ON DECISION AID SCIENCES AND APPLICATIONS (DASA)	2022	10.1109/DASA54658.2022.9765114	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
797	Al-Zubaidi, A; Sajja, VS; Gadamsetty, R; Reddy, GVR; Babu, MJ; Animasaun, IL	Dynamics over an inclined surface when entropy generation, Ohmic Heating, and Lorentz force are significant: Comparative analysis between water-copper nanofluid and water-copper-Iron(II, III) oxide hybrid nanofluid	WAVES IN RANDOM AND COMPLEX MEDIA	2022	10.1080/17455030.2022.2089368	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
798	Saraswathi, P; Babu, A; Ramarao, SD; Kumar, KU; Borkar, H; Rajesh, C; Kumar, KR	Enhanced water oxidation reaction activity of Mn ₃ O ₄ nanocrystals in an alkaline medium by doping transition-metal ions	NANO FUTURES	2022	10.1088/2399-1984/ac7098	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

799	Sajja, VS; Gadamsetty, R; Muthu, P; Babu, MJ; Animasaun, IL	Significance of Lorentz Force and Viscous Dissipation on the Dynamics of Propylene Glycol: Water Subject to Joule Heating Conveying Paraffin Wax and Sand Nanoparticles Over an Object with a Variable Thickness	ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING	2022	10.1007/s13369-022-06658-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
800	Umakanth, N; Kalyan, SSS; Satyanarayana, GC; Gogineni, R; Nagarjuna, A; Naveen, R; Rao, KR; Rao, MC	Increasing pre-monsoon rain days over four stations of Kerala, India	ACTA GEOPHYSICA	2022	10.1007/s11600-022-00742-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
801	Vusthepalli, PSG; Vusthepalli, GSD; Manne, AA; Nannapaneni, S; Veeravilli, S; Setti, R; Vemuri, PK	Comprehensive Study on Key Pollen Allergens	JOURNAL OF PURE AND APPLIED MICROBIOLOGY	2022	10.22207/JPAM.16.1.26	Emerging Sources Citation Index (ESCI)	WOS Proof
802	Chemboli, R; Prasad, KRS; Rao, PR; Kumar, AVDN; Tej, MB; Kapavarapu, R; Rao, MVB; Pal, M	Sonochemical synthesis of indolo[1,2-a]quinoxaline derivatives in the presence of Amberlyst-15: Their evaluation as potential cytotoxic agents	JOURNAL OF MOLECULAR STRUCTURE	2022	10.1016/j.molstruc.2021.131803	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
803	Sethupathy, A; Pathak, PK; Sivashanmugam, P; Arun, C; Banu, JR; Ashokkumar, M	Enrichment of hydrogen production from fruit waste biomass using ozonation assisted with citric acid	WASTE MANAGEMENT & RESEARCH	2022	10.1177/0734242X211010364	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
804	Praveen, SP; Krishna, TBM; Anuradha, CH; Mandalapu, SR; Sarala, P; Sindhura, S	A robust framework for handling health care information based on machine learning and big data engineering techniques	INTERNATIONAL JOURNAL OF HEALTHCARE MANAGEMENT	2022	10.1080/20479700.2022.2157071	Emerging Sources Citation Index (ESCI)	WOS Proof
805	Joshi, D; Chithaluru, P; Singh, A; Yadav, A; Elkamchouchi, DH; Breñosa, J; Anand, D	An Optimized Open Pit Mine Application for Limestone Quarry Production Scheduling to Maximize Net Present Value	MATHEMATICS	2022	10.3390/math10214140	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
806	Thirugnanasambandam, K; Rajeswari, M; Bhattacharyya, D; Kim, JY	Directed Artificial Bee Colony algorithm with revamped search strategy to solve global numerical optimization problems	AUTOMATED SOFTWARE ENGINEERING	2022	10.1007/s10515-021-00306-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
807	Thalluri, LN; Bommu, S; Rao, SM; Rao, KS; Guha, K; Kiran, SS	Target Application Based Design Approach for RF MEMS Switches using Artificial Neural Networks	TRANSACTIONS ON ELECTRICAL AND ELECTRONIC MATERIALS	2022	10.1007/s42341-021-00378-1	Emerging Sources Citation Index (ESCI)	WOS Proof
808	Alsaieri, AO; Shanmugan, S; Abulkhair, H; Bamasag, A; Moustafa, EB; Alsulami, RA; Ahmad, I; Elsheikh, A	Applications of TiO ₂ /Jackfruit peel nanocomposites in solar still: Experimental analysis and performance evaluation	CASE STUDIES IN THERMAL ENGINEERING	2022	10.1016/j.csite.2022.102292	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
809	Chandana, A; Mallick, SP; Dikshit, PK; Singh, BN; Sahi, AK	Recent Developments in Bacterial Nanocellulose Production and its Biomedical Applications	JOURNAL OF POLYMERS AND THE ENVIRONMENT	2022	10.1007/s10924-022-02507-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
810	Priya, PK; Ramineni, C; Alle, Y; Kumar, NS	IMPLICATIONS OF DEMOGRAPHIC PROFILE ON STUDENTS - A STRUCTURAL TREATISE ON SOCIAL MEDIA WITH SPECIAL REFERENCE TO ANDHRA REGION	INTERNATIONAL JOURNAL OF EARLY CHILDHOOD SPECIAL EDUCATION	2022	10.9756/INTJECSE/V14I5.418	Emerging Sources Citation Index (ESCI)	WOS Proof
811	Rao, CSV; Pandian, A; Reddy, CR; Aymen, F; Alqarni, M; Alharthi, MM	Location Determination of Electric Vehicles Parking Lot With Distribution System by Mexican AXOLOTL Optimization and Wild Horse Optimizer	IEEE ACCESS	2022	10.1109/ACCESS.2022.3176370	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

812	Kumar, MV; Reddy, TS; Sarala, P; Varma, PS; Sekhar, OC; Babqi, A; Alharbi, Y; Alamri, B; Reddy, CR	Experimental Investigation and Performance Characteristics of Francis Turbine with Different Guide Vane Openings in Hydro Distributed Generation Power Plants	ENERGIES	2022	10.3390/en15186798	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
813	Nagamalla, L; Kumar, JVS; Shaik, MR; Sanjay, C; Alsamhan, AM; Kasim, MA; Alwarthan, A	Identification of Novel AXL Kinase Inhibitors Using Ligand-Based Pharmacophore Screening and Molecular Dynamics Simulations	CRYSTALS	2022	10.3390/cryst12081158	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
814	Krsihna, BV; Ahmadsaidulu, S; Teja, SST; Jayanthi, D; Navaneetha, A; Reddy, PR; Prakash, MD	Design and Development of Graphene FET Biosensor for the Detection of SARS-CoV-2	SILICON	2022	10.1007/s12633-021-01372-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
815	Chittireddy, HNPR; Kumar, JVS; Bhimireddy, A; Shaik, MR; Shaik, AH; Alwarthan, A; Shaik, B	Development and Validation for Quantification of Cephapirin and Ceftiofur by Ultrapformance Liquid Chromatography with Triple Quadrupole Mass Spectrometry	MOLECULES	2022	10.3390/molecules27227920	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
816	Stateczny, A; Kiran, GU; Bindu, G; Chythanya, KR; Swamy, KA	Spiral Search Grasshopper Features Selection with VGG19-ResNet50 for Remote Sensing Object Detection	REMOTE SENSING	2022	10.3390/rs14215398	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
817	Murali, G; Murugan, M; Arunkumar, K; Elumalai, PV; Mohanraj, D; Prabhakar, S	Investigation and Process Parameter Optimization on Wire Electric Discharge Machining of Aluminium 6082 Alloy	ADVANCES IN MATERIALS SCIENCE AND ENGINEERING	2022	10.1155/2022/5119056	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
818	Manova, S; Asirvatham, LG; Angeline, AA; Jerbin, S; Bose, JR; Nimmagadda, R; Jayaseelan, R; Wongwises, S	Comparison on the heat transfer performance and entropy analysis on miniature loop thermosyphon with screen mesh wick and metal foam	CASE STUDIES IN THERMAL ENGINEERING	2022	10.1016/j.csite.2022.102310	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
819	Arumugam, V; Keshav, L; Achuthan, A; Dasappa, S	Seismic Evaluation of Advanced Reinforced Concrete Structures	ADVANCES IN MATERIALS SCIENCE AND ENGINEERING	2022	10.1155/2022/4518848	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
820	Rajendran, R; Piali, B; Chandrakala, P; Gampala, V; Majji, S	Role of digital technologies to combat COVID-19 pandemic	WORLD JOURNAL OF ENGINEERING	2022	10.1108/WJE-01-2021-0043	Emerging Sources Citation Index (ESCI)	WOS Proof
821	Praveen, SP; Jyothi, VE; Anuradha, C; VenuGopal, K; Shariff, V; Sindhura, S	Chronic Kidney Disease Prediction Using ML-Based Neuro-Fuzzy Model	INTERNATIONAL JOURNAL OF IMAGE AND GRAPHICS	2022	10.1142/S0219467823400132	Emerging Sources Citation Index (ESCI)	WOS Proof
822	Yadav, TT; Murahari, M; Peters, GJ; Mayur, YC	A comprehensive review on acridone based derivatives as future anti-cancer agents and their structure activity relationships	EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY	2022	10.1016/j.ejmech.2022.114527	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
823	Ogwala, A; Oyedokun, OJ; Akala, AO; Amaechi, PO; Simi, KG; Panda, SK; Ogabi, C; Somoye, EO	Characterization of ionospheric irregularities over the equatorial and low latitude Nigeria region	ASTROPHYSICS AND SPACE SCIENCE	2022	10.1007/s10509-022-04110-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
824	Ade, R; Ganesh, V; Bitla, Y; Kumar, YV	Optoelectronic properties of spray pyrolyzed NiO:Pr thin films	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2022	10.1007/s00339-022-05636-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

825	Yadav, A; Hasan, MK; Joshi, D; Kumar, V; Aman, AHM; Alhumyani, H; Alzaidi, MS; Mishra, H	Optimized Scenario for Estimating Suspended Sediment Yield Using an Artificial Neural Network Coupled with a Genetic Algorithm	WATER	2022	10.3390/w14182815	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
826	Singh, BN; Nallakumarasamy, A; Sinha, S; Rastogi, A; Mallick, SP; Divakar, S; Srivastava, P	Generation of hybrid tissue engineered construct through embedding autologous chondrocyte loaded platelet rich plasma/alginate based hydrogel in porous scaffold for cartilage regeneration	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2022	10.1016/j.ijbiomac.2022.01.054	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
827	Raju, DK; Kumar, RS; Raghav, LP; Singh, AR	Enhancement of loadability and voltage stability in grid-connected microgrid network	JOURNAL OF CLEANER PRODUCTION	2022	10.1016/j.jclepro.2022.133881	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
828	Singh, L; Agrawal, N; Gola, KK; Saha, C; Pareek, P	Numerical investigation of all optical SR flip-flop using plasmonic metal-insulator-metal (MIM) waveguides	OPTICAL AND QUANTUM ELECTRONICS	2022	10.1007/s11082-022-03666-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
829	Manikanttha, M; Deepti, K; Tej, MB; Reddy, AG; Kapavarapu, R; Rao, MVB; Pal, M	Wang resin catalyzed green synthesis of 1,8-dioxo-octahydroxanthene derivatives and their in silico/in vitro evaluation against SIRT1	JOURNAL OF MOLECULAR STRUCTURE	2022	10.1016/j.molstruc.2022.133313	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
830	Damuka, N; Bashetti, N; Mintz, A; Bansode, AH; Miller, M; Krizan, I; Furdui, C; Bhoopal, B; Gollapelli, KK; Kumar, JS; Deep, G; Dugan, G; Cline, M; Sai, KKS	[18F]KS1, a novel ascorbate-based ligand images ROS in tumor models of rodents and nonhuman primates	BIOMEDICINE & PHARMACOTHERAPY	2022	10.1016/j.biopha.2022.113937	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
831	Dharmaiah, G; Sridhar, W; AL-Farhany, K; Balamurugan, KS; Ali, F	Non-Newtonian nanofluid characteristics over a melting wedge: A numerical study	HEAT TRANSFER	2022	10.1002/htj.22515	Emerging Sources Citation Index (ESCI)	WOS Proof
832	Deepika, KK; Varma, PS; Reddy, CR; Sekhar, OC; Alsharef, M; Alharbi, Y; Alamri, B	Comparison of Principal-Component-Analysis-Based Extreme Learning Machine Models for Boiler Output Forecasting	APPLIED SCIENCES-BASEL	2022	10.3390/app12157671	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
833	Ivanovic, B; Saha, A; Stevic, Z; Puska, A; Zavadskas, EK	Selection of truck mixer concrete pump using novel MEREC DNMARCOS model	ARCHIVES OF CIVIL AND MECHANICAL ENGINEERING	2022	10.1007/s43452-022-00491-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
834	Gautam, PR; Verma, A; Kumar, S; Prasad, D; Kumar, A	Design of Directional Antennas for Wireless Sensor Networks and the Internet of Things Experiments	IEEE SENSORS LETTERS	2022	10.1109/LSENS.2022.3202919	Emerging Sources Citation Index (ESCI)	WOS Proof
835	Medkour, H; Lakrit, S; Das, S; Madhav, BTP; VasuBabu, K	A Compact Printed UWB MIMO Antenna with Electronically Reconfigurable WLAN Band-Notched Characteristics	JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS	2022	10.1142/S0218126622500451	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
836	Gampala, V; Nandankar, PV; Kathiravan, M; Karunakaran, S; Nalla, AR; Gaddam, RR	Early prediction and analysis of corona pandemic outbreak using deep learning technique	WORLD JOURNAL OF ENGINEERING	2022	10.1108/WJE-03-2021-0145	Emerging Sources Citation Index (ESCI)	WOS Proof
837	Vedavathi, N; Dharmaiah, G; Noeiaghdam, S; Fernandez-Gamiz, U	A chemical engineering application on hyperbolic tangent flow examination about sphere with Brownian motion and thermo phoresis effects using BVP5C	CASE STUDIES IN THERMAL ENGINEERING	2022	10.1016/j.csite.2022.102491	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
838	Gampala, V; Rathan, K; Nelson, SC; Shajin, FH; Rajesh, P	Diagnosis of COVID-19 patients by adapting hyper parametertuned deep belief network using hosted cuckoo optimization algorithm	ELECTROMAGNETIC BIOLOGY AND MEDICINE	2022	10.1080/15368378.2022.2065679	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

839	Rao, TV; Sridhar, M; Ratnam, DV; Harsha, PBS; Srivani, I	A Bidirectional Long Short-Term Memory-Based Ionospheric foF2 and hmF2 Models for a Single Station in the Low Latitude Region	IEEE GEOSCIENCE AND REMOTE SENSING LETTERS	2022	10.1109/LGRS.2020.3045702	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
840	Singh, AK; Haralambous, H; Panda, SK	Comparison of bottomside ionospheric profile parameters (B0 and B1) extracted from FORMOSAT-7/COSMIC-2 GNSS Radio occultations with Digisondes and IRI-2016 model	ADVANCES IN SPACE RESEARCH	2022	10.1016/j.asr.2022.05.045	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
841	Prakash, MD; Krsihna, BV; Satyanarayana, BVV; Vignesh, NA; Panigrahy, AK; Ahmadsaidulu, S	A Study of an Ultrasensitive Label Free Silicon Nanowire FET Biosensor for Cardiac Troponin I Detection	SILICON	2022	10.1007/s12633-021-01352-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
842	Jude, AB; Singh, D; Islam, S; Jameel, M; Srivastava, S; Prabha, B; Kshirsagar, PR	RETRACTED: An Artificial Intelligence Based Predictive Approach for Smart Waste Management (Retracted Article)	WIRELESS PERSONAL COMMUNICATIONS	2022	10.1007/s11277-021-08803-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
843	Iyyanar, P; Balaji, V; Ravikiran, K; Sagar, KVD; Cholla, RR; Banerjee, K	Efficient and Smart Waste Categorization System using Deep Learning	INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND NETWORK SECURITY	2022	10.22937/IJCSNS.2022.26.60	Emerging Sources Citation Index (ESCI)	WOS Proof
844	Alnuaim, AA; Zakariah, M; Alhadlaq, A; Shashidhar, C; Hatamleh, WA; Tarazi, H; Shukla, PK; Ratna, R	Human-Computer Interaction with Detection of Speaker Emotions Using Convolution Neural Networks	COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE	2022	10.1155/2022/7463091	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
845	Prabu, S; Thiyaneswaran, B; Sujatha, M; Nalini, C; Rajkumar, S	Grid Search for Predicting Coronary Heart Disease by Tuning Hyper-Parameters	COMPUTER SYSTEMS SCIENCE AND ENGINEERING	2022	10.32604/csse.2022.022739	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
846	Kannan, NS; Nagabhooshanam, N; Kumar, A; Rao, PKV; Patil, PP; Bharathi, BVVLK	Preparation and characterization of opuntia-cladode fiber and citron peel biochar toughened epoxy biocomposite	POLYMER COMPOSITES	2022	10.1002/pc.26970	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
847	Pandimurugan, V; Rajasoundaran, S; Routray, S; Prabu, AV; Alyami, H; Alharbi, A; Ahmad, S	RETRACTED: Detecting and Extracting Brain Hemorrhages from CT Images Using Generative Convolutional Imaging Scheme (Retracted Article)	COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE	2022	10.1155/2022/6671234	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
848	Premalatha, J; Swamidason, ITJ; Harshavardhanan, P; Anandaraj, SP; Jeyakrishnan, V	Analytical review on secure communication protocols for 5G and IoT networks	INTERNATIONAL JOURNAL OF AD HOC AND UBIQUITOUS COMPUTING	2022	10.1504/IJAHUC.2022.123527	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
849	Vani, I; Sireesha, R; Goud, PVK; Prasad, KR; Tej, MB; Praneeth, MS; Rao, MVB	Synthesis of Nitroethylindole Derivatives through Michael Addition	POLYCYCLIC AROMATIC COMPOUNDS	2022	10.1080/10406638.2021.1995009	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
850	Srivastava, A; Ahmed, R; Singh, PK; Shuaib, M; Alam, T	A Hybrid Approach of Prediction Using Rating and Review Data	INTERNATIONAL JOURNAL OF INFORMATION RETRIEVAL RESEARCH	2022	10.4018/IJIRR.299942	Emerging Sources Citation Index (ESCI)	WOS Proof
851	Kumar, LS; Prabu, AV; Pandimurugan, V; Rajasoundaran, S; Malla, PP; Routray, S	A comparative experimental analysis and deep evaluation practices on human bone fracture detection using x-ray images	CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE	2022	10.1002/cpe.7307	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

852	Saibaba, OS; Sivajiraja, G; Bhagat, V; Arunkumar, MP; Dessai, AN; Reddy, RKK; Padhi, SN	Free vibration response of graphene reinforced polymer composite face sheet sandwich panel under thermal environment	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2022.02.445	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
853	Babu, MV; Kumar, CNSV; Parthiban, S; Padmavathi, U; Rahman, MZU	AE-LEACH: An Incremental Clustering Approach for Reducing the Energy Consumption in WSN	MICROPROCESSORS AND MICROSYSTEMS	2022	10.1016/j.micpro.2022.104602	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
854	Srilaxmi, D; Reddy, AG; Sireesha, R; Rao, PV; Kiran, MR; Kolli, D; Rao, MVB	Design and Synthesis of Different Aryl Substituted 1,3,4-Oxadiazole-imidazo[1,5-a]pyridine Derivatives as Anticancer Agents	RUSSIAN JOURNAL OF GENERAL CHEMISTRY	2022	10.1134/S107036322205019X	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC)	WOS Proof
855	Jyothi, NK; Rao, KT; Kumar, VN; Kiran, MG; Deepthi, K; Rao, MC; Kumar, KV; Inthiyaz, S	Synthesis and dielectric properties of PAN-based Na ⁺ ion polymer electrolytes	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2021.07.123	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
856	Kumar, TR; Kalaiselvi, K; Velu, CM; Sripathy, B; Karthikeyan, C; Sivakumar, S	Optimization of 2D-Wavelet Filters Based on Taylor Hybrid BAT Algorithm	DISTRIBUTED COMPUTING AND OPTIMIZATION TECHNIQUES, ICDCOT 2021	2022	10.1007/978-981-19-2281-7_62	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
857	Chow, YC; Yam, HC; Gunasekaran, B; Lai, WY; Wo, WY; Agarwal, T; Ong, YY; Cheong, SL; Tan, SA	Implications of Porphyromonas gingivalis peptidyl arginine deiminase and gingipain R in human health and diseases	FRONTIERS IN CELLULAR AND INFECTION MICROBIOLOGY	2022	10.3389/fcimb.2022.987683	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
858	Mishra, S; Jena, L; Tripathy, HK; Gaber, T	Prioritized and predictive intelligence of things enabled waste management model in smart and sustainable environment	PLOS ONE	2022	10.1371/journal.pone.0272383	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
859	Saikumar, K; Rajesh, V; Srivastava, G; Lin, JCW	Heart disease detection based on internet of things data using linear quadratic discriminant analysis and a deep graph convolutional neural network	FRONTIERS IN COMPUTATIONAL NEUROSCIENCE	2022	10.3389/fncom.2022.964686	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
860	Jyothi, NK; Kiran, MG; Kumar, VN; Rao, BN; Prasanna, DSL; Kumar, KV; Rao, M	Structural and impedance analysis of PAN-based Na ⁺ ion conducting gel polymer electrolytes for energy storage device application	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2021.07.122	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
861	Tan, SA; Bendran, AP; Hamdan, MR; Kamaruzaman, NA; Rajoo, S; Agarwal, T; Ramanathan, S; Murugaiyah, V	Platelet boosting effect of commercial herbal supplements in chemically-induced thrombocytopenic rats	ANNALS OF PHYTOMEDICINE-AN INTERNATIONAL JOURNAL	2022	10.54085/ap.2022.11.1.28	Emerging Sources Citation Index (ESCI)	WOS Proof
862	Sateesh, J; Guha, K; Dutta, A; Sengupta, P; Rao, KS	Design and Modeling of Bioreactor Utilizing Electrophoresis and Di-Electrophoresis Techniques for Regenerating Reabsorption Function of Human Kidney PCT in Microfluidics Environment	IEEE TRANSACTIONS ON NANOBIOSCIENCE	2022	10.1109/TNB.2021.3131351	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
863	Vijayashankarganth, P; Kumar, SS; Meenakumari, R; Gobinath, T; Vinoth, K; Sekhar, GGR; Sankoh, M	Autonomous Multiport Solar Power Plant with Lithium Ion Battery Storage Using a Voltage Source Inverter for Automotive Applications	ADVANCES IN MATERIALS SCIENCE AND ENGINEERING	2022	10.1155/2022/3669513	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

864	Kumar, LS; Ahmad, S; Routray, S; Prabu, AV; Alharbi, A; Alouffi, B; Rajasoundaran, S	Modern Energy Optimization Approach for Efficient Data Communication in IoT-Based Wireless Sensor Networks	WIRELESS COMMUNICATIONS & MOBILE COMPUTING	2022	10.1155/2022/7901587	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
865	Kapavarap, BR; Kotikalapudi, SRCK; Oruganti, KK; Bodiga, S; Bodiga, VL; Veeravilli, S; Poda, S; Vemuri, PK	Enhancement of Lipid and Biomass Production in Microalgae Scenedesmus abundans by Microwave Irradiation	INTERNATIONAL JOURNAL OF LIFE SCIENCE AND PHARMA RESEARCH	2022	10.22376/ijpbs/lpr.2022.12.5.1130-136	Emerging Sources Citation Index (ESCI)	WOS Proof
866	Tripathi, B; Pandit, S; Sharma, A; Chauhan, S; Mathuriya, AS; Dikshit, PK; Gupta, PK; Singh, RC; Sahni, M; Pant, K; Singh, S	Modification of Graphite Sheet Anode with Iron (II, III) Oxide-Carbon Dots for Enhancing the Performance of Microbial Fuel Cell	CATALYSTS	2022	10.3390/catal12091040	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
867	Bharti, SK; Gupta, RK; Shukla, PK; Hatamleh, WA; Tarazi, H; Nuagah, SJ	Multimodal Sarcasm Detection: A Deep Learning Approach	WIRELESS COMMUNICATIONS & MOBILE COMPUTING	2022	10.1155/2022/1653696	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
868	Mishra, AR; Tripathi, DK; Cavallaro, F; Rani, P; Nigam, SK; Mardani, A	Assessment of Battery Energy Storage Systems Using the Intuitionistic Fuzzy Removal Effects of Criteria and the Measurement of Alternatives and Ranking Based on Compromise Solution Method	ENERGIES	2022	10.3390/en15207782	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
869	Alnuaim, AA; Zakariah, M; Shashidhar, C; Hatamleh, WA; Tarazi, H; Shukla, PK; Ratna, R	Speaker Gender Recognition Based on Deep Neural Networks and ResNet50	WIRELESS COMMUNICATIONS & MOBILE COMPUTING	2022	10.1155/2022/4444388	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
870	Kavitha, T; Mathai, PP; Karthikeyan, C; Ashok, M; Kohar, R; Avanija, J; Neelakandan, S	Deep Learning Based Capsule Neural Network Model for Breast Cancer Diagnosis Using Mammogram Images	INTERDISCIPLINARY SCIENCES-COMPUTATIONAL LIFE SCIENCES	2022	10.1007/s12539-021-00467-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
871	Thenmozhi, R; Nasir, AW; Sonthi, VK; Avudaippappan, T; Kadry, S; Pin, K; Nam, Y	An Improved Sparrow Search Algorithm for Node Localization in WSN	CMC-COMPUTERS MATERIALS & CONTINUA	2022	10.32604/cmc.2022.022203	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
872	Raheja, DK; Kumar, S; Chakrabartty, S; Kanaujia, BK	Design and Development of a Triple-Band Multiple-Input-Multiple-Output Antenna for Sensing Applications	MICROMACHINES	2022	10.3390/mi13122240	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
873	Surakasi, R; Gogulamudi, B; Krishna, AN; Ambethkar, MR; Patil, PPP; Jayappa, P	Optimization of the Process of Metal NanoCalcium Oxide Based Biodiesel Production through Simulation Using SuperPro Designer	JOURNAL OF ENGINEERING	2022	10.1155/2022/3473356	Emerging Sources Citation Index (ESCI)	WOS Proof
874	Sivajiraja, G; Bhagat, V; Padhi, SN; Arunkumar, MP; Dessai, AN; Reddy, RKK	Forced vibration characteristics of sandwich panel with GRPC faces and titanium core under thermal environment	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2022.02.105	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
875	Mahalakshmi, V; Kulkarni, N; Kumar, KVP; Kumar, KS; Sree, DN; Durga, S	The Role of implementing Artificial Intelligence and Machine Learning Technologies in the financial services Industry for creating Competitive Intelligence	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2021.11.577	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
876	Sharma, A; Bachate, RP; Singh, P; Kumar, V; Kumar, RK; Singh, A; Kadariya, M	Parallel Big Bang-Big Crunch-LSTM Approach for Developing a Marathi Speech Recognition System	MOBILE INFORMATION SYSTEMS	2022	10.1155/2022/8708380	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

877	Ganesh, GR; Sridhar, W; Al-Farhany, K; Ahmed, SE	Electrically MHD Casson nanofluid flow and entropy exploration under the influence of the viscous dissipation, radiation, and higher-order chemical reaction	PHYSICA SCRIPTA	2022	10.1088/1402-4896/ac6e51	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
878	Pande, SD; Rathod, SB; Chetty, MSR; Pathak, S; Jadhav, PP; Godse, SP	Shape and textural based image retrieval using K-NN classifier	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2022	10.3233/JIFS-213355	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
879	Yadav, A; Chithaluru, P; Singh, A; Joshi, D; Elkamchouchi, DH; Pérez-Oleaga, CM; Anand, D	An Enhanced Feed-Forward Back Propagation Levenberg-Marquardt Algorithm for Suspended Sediment Yield Modeling	WATER	2022	10.3390/w14223714	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
880	Anand, L; Rane, KP; Bewoor, LA; Bangare, JL; Surve, J; Raghunath, MP; Sankaran, KS; Osei, B	Development of Machine Learning and Medical Enabled Multimodal for Segmentation and Classification of Brain Tumor Using MRI Images	COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE	2022	10.1155/2022/7797094	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
881	Venumbaka, MR; Akkala, N; Duraisamy, S; Sigamani, S; Poola, PK; Rao, DS; Marepally, BC	Performance of TiO ₂ , Cu-TiO ₂ , and N-TiO ₂ nanoparticles sensitization with natural dyes for dye sensitized solar cells	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2021.09.281	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
882	Saleh, B; Essa, FA; Aly, A; Alsehli, M; Panchal, H; Afzal, A; Shanmugan, S	Investigating the performance of dish solar distiller with phase change material mixed with Al ₂ O ₃ nanoparticles under different water depths	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	2022	10.1007/s11356-021-18295-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
883	Joshi, D; Albahar, MA; Chithaluru, P; Singh, A; Yadav, A; Miro, Y	A Novel Approach to Integrating Uncertainty into a Push Re-Label Network Flow Algorithm for Pit Optimization	MATHEMATICS	2022	10.3390/math10244803	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
884	Krsihna, BV; Chowdary, GA; Ravi, S; Reddy, KV; Kavitha, KR; Panigrahy, AK; Prakash, MD	Tunnel Field Effect Transistor Design and Analysis for Biosensing Applications	SILICON	2022	10.1007/s12633-022-01815-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
885	Talewar, RA; Mahamuda, S; Rao, AS; Moharil, SV	Intense infrared emission of Er ³⁺ in ZnB ₂ O ₄ phosphors from energy transfer of Bi ³⁺ by broadband UV excitation	JOURNAL OF LUMINESCENCE	2022	10.1016/j.jlumin.2021.118706	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
886	Ghandourah, EI; Sangeetha, A; Shanmugan, S; Zayed, ME; Moustafa, EB; Tounsi, A; Elsheikh, AH	Performance assessment of a novel solar distiller with a double slope basin covered by coated wick with lanthanum cobalt oxide nanoparticles	CASE STUDIES IN THERMAL ENGINEERING	2022	10.1016/j.csite.2022.101859	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
887	Senapati, T; Mishra, AR; Saha, A; Simic, V; Rani, P; Ali, R	Construction of interval-valued Pythagorean fuzzy Aczel-Alsina aggregation operators for decision making: a case study in emerging IT software company selection	SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES	2022	10.1007/s12046-022-02002-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
888	Yan, L; Ahmad, MW; Jawarneh, M; Shabaz, M; Raffik, R; Kishore, KH	RETRACTED: Single-Input Single-Output System with Multiple Time Delay PID Control Methods for UAV Cluster Multiagent Systems (Retracted Article)	SECURITY AND COMMUNICATION NETWORKS	2022	10.1155/2022/3935143	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
889	Arunkumar, MP; Bhagat, V; Geng, Q; Li, YM; Pitchaimani, J	An exact solution for vibro-acoustic response of smart sandwich panels with MEE composite Layer	COMPOSITE STRUCTURES	2022	10.1016/j.compstruct.2022.115201	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
890	Khan, A; Li, JP; Hasan, MK; Varish, N; Mansor, Z; Islam, S; Saeed, RA; Alshammari, M; Alhumyani, H	PackerRobo: Model-based robot vision self supervised learning in CART	ALEXANDRIA ENGINEERING JOURNAL	2022	10.1016/j.aej.2022.05.043	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

891	Choudhary, S; Das, D; Upadhyay, S; Panda, D; Dutta, A; Chakrabarti, S	High energy proton implantation effect on the emission wavelength and strain phenomenon of strain coupled InAs/In(Ga)As Submonolayer (SML) QDs and Stranski-Krastanov (SK) QDs	PHOTONIC AND PHONONIC PROPERTIES OF ENGINEERED NANOSTRUCTURES XII	2022	10.1117/12.2610567	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
892	Mehta, V; Nagu, P; Inbaraj, BS; Sharma, M; Parashar, A; Sridhar, K	Epigenetics and Gut Microbiota Crosstalk: A potential Factor in Pathogenesis of Cardiovascular Disorders	BIOENGINEERING-BASEL	2022	10.3390/bioengineering9120798	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
893	Alnuaim, AA; Zakariah, M; Shukla, PK; Alhadlaq, A; Hatamleh, WA; Tarazi, H; Sureshbabu, R; Ratna, R	Human-Computer Interaction for Recognizing Speech Emotions Using Multilayer Perceptron Classifier	JOURNAL OF HEALTHCARE ENGINEERING	2022	10.1155/2022/6005446	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
894	Aureliano-Silva, L; Spers, EE; Lodhi, RN; Pattanayak, M	Who loves to forgive? The mediator mechanism of service recovery between brand love, brand trust and purchase intention in the context of food-delivery apps	BRITISH FOOD JOURNAL	2022	10.1108/BFJ-07-2021-0819	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
895	Asif, AH; Desu, PK; Alavala, RR; Rao, GSNK; Sreeharsha, N; Meravanige, G	Development, Statistical Optimization and Characterization of Fluvastatin Loaded Solid Lipid Nanoparticles: A 32 Factorial Design Approach	PHARMACEUTICS	2022	10.3390/pharmaceutics14030584	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
896	Rddy, KV; Reddy, GVR; Akgül, A; Jarrar, R; Shanak, H; Asad, J	Numerical solution of MHD Casson fluid flow with variable properties across an inclined porous stretching sheet	AIMS MATHEMATICS	2022	10.3934/math.20221124	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
897	Raut, A; Singh, RJ; Murmu, A; Khan, KA	Evaluation of thermal and energy consumption behavior of novel foamed copper slag based geopolymer masonry blocks	CERAMICS INTERNATIONAL	2022	10.1016/j.ceramint.2022.01.070	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
898	Yadav, A; Chithaluru, P; Singh, A; Albahar, MA; Jurcut, A; Alvarez, RM; Mojjada, RK; Joshi, D	Suspended Sediment Yield Forecasting with Single and Multi-Objective Optimization Using Hybrid Artificial Intelligence Models	MATHEMATICS	2022	10.3390/math10224263	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
899	Nathan, SK; SreeLekha, S; Pankajam, A; Mandal, RC; Sekar, S; Nimavat, D	FACTORS INFLUENCING THE ENGLISH LANGUAGE SKILLS OF THE HIGHER SECONDARY SCHOOL STUDENTS ON THEIR COMMUNICATION BEHAVIOUR	INTERNATIONAL JOURNAL OF EARLY CHILDHOOD SPECIAL EDUCATION	2022	10.9756/INT-JECSE/V14I3.590	Emerging Sources Citation Index (ESCI)	WOS Proof
900	Reddybattula, KD; Nelapudi, LS; Moses, M; Devanaboyina, VR; Ali, MA; Jamjareegulgarn, P; Panda, SK	Ionospheric TEC Forecasting over an Indian Low Latitude Location Using Long Short-Term Memory (LSTM) Deep Learning Network	UNIVERSE	2022	10.3390/universe8110562	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
901	Ksibi, A; Zakariah, M; Ayadi, M; Elmannai, H; Shukla, PK; Awal, H; Hamdi, M	Improved Analysis of COVID-19 Influenced Pneumonia from the Chest X-Rays Using Fine-Tuned Residual Networks	COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE	2022	10.1155/2022/9414567	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
902	Sridhar, C; Pareek, PK; Kalidoss, R; Jamal, SS; Shukla, PK; Nuagah, SJ	Optimal Medical Image Size Reduction Model Creation Using Recurrent Neural Network and GenPSOWVQ	JOURNAL OF HEALTHCARE ENGINEERING	2022	10.1155/2022/2354866	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
903	Singh, AR; Desu, PK; Nakkala, RK; Kondi, V; Devi, S; Alam, MS; Hamid, H; Athawale, RB; Kesharwani, P	Nanotechnology-based approaches applied to nutraceuticals	DRUG DELIVERY AND TRANSLATIONAL RESEARCH	2022	10.1007/s13346-021-00960-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
904	Rao, KVG; Kumar, MK; Goud, BS; Bajaj, M; Abou Houran, M; Kamel, S	Design of a bidirectional DC/DC converter for a hybrid electric drive system with dual-battery storing energy	FRONTIERS IN ENERGY RESEARCH	2022	10.3389/fenrg.2022.972089	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

905	Ganapaneni, S; Pinni, SV; Reddy, CR; Aymen, F; Alqarni, M; Alamri, B; Kraiem, H	Distribution System Service Restoration Using Electric Vehicles	ENERGIES	2022	10.3390/en15093264	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
906	Chithaluru, P; Stephan, T; Kumar, M; Nayyar, A	An enhanced energy-efficient fuzzy-based cognitive radio scheme for IoT	NEURAL COMPUTING & APPLICATIONS	2022	10.1007/s00521-022-07515-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
907	Murugan, M; Saravanan, A; Elumalai, P; Murali, G; Dhineshbabu, NR; Kumar, P; Afzal, A	Thermal management system of lithium-ion battery packs for electric vehicles: An insight based on bibliometric study	JOURNAL OF ENERGY STORAGE	2022	10.1016/j.est.2022.104723	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
908	Meena, M; Kavitha, A; Karthick, S; Pavithra, S; Shanmugan, S	Effect of decorated photoanode of TiO2 nanorods/nanoparticles in dye-sensitized solar cell	BULLETIN OF MATERIALS SCIENCE	2022	10.1007/s12034-022-02828-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
909	Raju, AR; Maddileti, T; Sirisha, J; Srinivas, R; Saikumar, K	Pseudo Trained YOLO R_CNN Model for Weapon Detection with a Real-Time Kaggle Dataset	INTERNATIONAL JOURNAL OF INTEGRATED ENGINEERING	2022	10.30880/ijie.2022.14.07.011	Emerging Sources Citation Index (ESCI)	WOS Proof
910	Anand, A; Mallick, SP; Singh, BN; Kumari, S; Suman, DK; Tripathi, S; Singh, D; Srivastava, P	A Critical Aspect of Bioreactor Designing and Its Application for the Generation of Tissue Engineered Construct: Emphasis on Clinical Translation of Bioreactor	BIOTECHNOLOGY AND BIOPROCESS ENGINEERING	2022	10.1007/s12257-021-0128-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
911	Chunduri, VVH; KhednAff, VC; Adamu, M; Alanazi, H; Ibrahim, YE; Bala, N	Investigating properties of concrete containing cationic bitumen emulsion	INNOVATIVE INFRASTRUCTURE SOLUTIONS	2022	10.1007/s41062-022-00816-w	Emerging Sources Citation Index (ESCI)	WOS Proof
912	Sadhukhan, A; Prasad, SS; Mitra, J; Siddiqui, N; Sahoo, L; Kobayashi, Y; Koyama, H	How do plants remember drought?	PLANTA	2022	10.1007/s00425-022-03924-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
913	Lenka, RK; Kolhar, M; Mohapatra, H; Al-Turjman, F; Altrjman, C	Cluster-Based Routing Protocol with Static Hub (CRPSH) for WSN-Assisted IoT Networks	SUSTAINABILITY	2022	10.3390/su14127304	Science Citation Index Expanded (SCI-EXPANDED); Social Science Citation Index (SSCI)	WOS Proof
914	Zhu, SZ; Bu, LB; Kumar, KR; Liu, JQ; Wang, Q; Xu, JJ	Investigation of aerosol optical properties and pollutant transmission mechanisms in Qinhuangdao, North China - A case study during a pollution event	ATMOSPHERIC POLLUTION RESEARCH	2022	10.1016/j.apr.2022.101440	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
915	Setiawan, R; Ganga, RR; Velayutham, P; Thangavel, K; Sharma, DK; Rajan, R; Krishnamoorthy, S; Sengan, S	Encrypted Network Traffic Classification and Resource Allocation with Deep Learning in Software Defined Network	WIRELESS PERSONAL COMMUNICATIONS	2022	10.1007/s11277-021-08403-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
916	Vignesh, U; Rajendiran, P; Anandan, P; Jeyakrishnan, V; Saravanakumar, M; Padmanaban, K; Saranya, N; Kumar, AMS; Raja, G	OPTIMIZED GREEN COMPUTING ON SERVICE-ORIENTED INFRASTRUCTURE PLATFORM DEPLOYMENT MODEL	JOURNAL OF ENGINEERING SCIENCE AND TECHNOLOGY	2022		Emerging Sources Citation Index (ESCI)	WOS Proof

917	Nagapuri, L; Prabu, AV; Penchala, S; Salah, B; Saleem, W; Kumar, GS; Aziz, ASA	Energy Efficient Underlaid D2D Communication for 5G Applications	ELECTRONICS	2022	10.3390/electronics11162587	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
918	Kamal, S; Sayeed, F; Ahanger, TA; Subbalakshmi, C; Kalidoss, R; Singh, N; Nuagah, SJ	Particle Swarm Optimization and Modular Multilevel Converter Communication in Electrical Applications with Machine Learning Algorithm	COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE	2022	10.1155/2022/8516928	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
919	Somayajula, VKA; Ghai, D; Kumar, S; Tripathi, SL; Verma, C; Safirescu, CO; Mihaltan, TC	Classification and Validation of Spatio-Temporal Changes in Land Use/Land Cover and Land Surface Temperature of Multitemporal Images	SUSTAINABILITY	2022	10.3390/su142315677	Science Citation Index Expanded (SCI-EXPANDED); Social Science Citation Index (SSCI)	WOS Proof
920	Alagarsamy, A; Mahilmaran, S; Gopalakrishnan, L; Ko, SB	SMA: A constructive partitioning based mapping approach for Networks-on-Chip	MICROPROCESSORS AND MICROSYSTEMS	2022	10.1016/j.micpro.2022.104678	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
921	Yadav, DP; Sharma, A; Athithan, S; Bhola, A; Sharma, B; Ben Dhaou, I	Hybrid SFNet Model for Bone Fracture Detection and Classification Using ML/DL	SENSORS	2022	10.3390/s22155823	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
922	Saha, A; Ecer, F; Chatterjee, P; Senapati, T; Zavadskas, EK	q-Rung Orthopair Fuzzy Improved Power Weighted Operators For Solving Group Decision-Making Issues	INFORMATICA	2022	10.15388/22-INFOR496	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
923	Bojjagani, S; Reddy, YCAP; Anuradha, T; Rao, PVV; Reddy, BR; Khan, MK	Secure Authentication and Key Management Protocol for Deployment of Internet of Vehicles (IoV) Concerning Intelligent Transport Systems	IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS	2022	10.1109/TITS.2022.3207593	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
924	Reddy, SS; Raju, KV; Mopuri, O; Ganteda, C; Khan, SU; Boujelbene, M; Boudjemline, A; Chaudhry, IA; Elbadawi, I	Applications of variable plastic viscosity and thermal conductivity for Casson fluid with slip effects and space dependent internal heat generation	JOURNAL OF THE INDIAN CHEMICAL SOCIETY	2022	10.1016/j.jics.2022.100712	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
925	Midasala, V; Janapati, KC; Srinivasu, SVN; Ramachandran, M; Mousavi, M; Gandomi, AH	Sensor-System-Based Network with Low-Power Communication Using Multi-Hop Routing Protocol Integrated with a Data Transmission Model	ELECTRONICS	2022	10.3390/electronics11101541	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
926	Sabbagh, F; Muhamad, II; Niazmand, R; Dikshit, PK; Kim, BS	Recent progress in polymeric non-invasive insulin delivery	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2022	10.1016/j.ijbiomac.2022.01.134	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
927	Atgur, V; Manavendra, G; Banapurmath, NR; Rao, BN; Rajhi, AA; Khan, TMY; Vadlamudi, C; Krishnappa, S; Sajjan, AM; Venkatesh, R	Essence of Thermal Analysis to Assess Biodiesel Combustion Performance	ENERGIES	2022	10.3390/en15186622	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
928	Mohammad, GB; Shitharth, S; Syed, SA; Dugyala, R; Rao, KS; Alenezi, F; Althubiti, SA; Polat, K	Mechanism of Internet of Things (IoT) Integrated with Radio Frequency Identification (RFID) Technology for Healthcare System	MATHEMATICAL PROBLEMS IN ENGINEERING	2022	10.1155/2022/4167700	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

929	Singh, UK; Jamei, M; Karbasi, M; Malik, A; Pandey, M	Application of a modern multi-level ensemble approach for the estimation of critical shear stress in cohesive sediment mixture	JOURNAL OF HYDROLOGY	2022	10.1016/j.jhydrol.2022.127549	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
930	Babu, BA; Madhav, BTP; Das, S; Hussain, N; Ali, SS; Kim, N	A Triple-Band Reflective Polarization Conversion Metasurface with High Polarization Conversion Ratio for Ism and X-Band Applications	SENSORS	2022	10.3390/s22218213	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
931	Pareek, PK; Sridhar, C; Kalidoss, R; Aslam, M; Maheshwari, M; Shukla, PK; Nuagah, SJ	IntOPMICM: Intelligent Medical Image Size Reduction Model	JOURNAL OF HEALTHCARE ENGINEERING	2022	10.1155/2022/5171016	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
932	Kumar, V; Lalotra, GS; Sasikala, P; Rajput, DS; Kaluri, R; Lakshmana, K; Shorfuzzaman, M; Alsufyani, A; Uddin, M	Addressing Binary Classification over Class Imbalanced Clinical Datasets Using Computationally Intelligent Techniques	HEALTHCARE	2022	10.3390/healthcare10071293	Science Citation Index Expanded (SCI-EXPANDED); Social Science Citation Index (SSCI)	WOS Proof
933	Deb, D; Nath, D; Choudhary, RJ; Roy, JN; Dey, P	Magneto-tunable photoresponse in ZnO-rGO/La0.7Sr0.3MnO3/ITO heterostructure: An opto-spintronic phenomenon	PHYSICS LETTERS A	2022	10.1016/j.physleta.2022.128271	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
934	Bhattacharya, R; Rajan, MSM; Sharafali, A; Ayyanar, N; Pakarzadeh, H	Experimental and theoretical study of polarization in commercially available photonic crystal fibers	OPTICAL AND QUANTUM ELECTRONICS	2022	10.1007/s11082-022-04066-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
935	Thirugnanasambandam, K; Ramalingam, R; Mohan, D; Rashid, M; Juneja, K; Alshamrani, SS	Patron-Prophet Artificial Bee Colony Approach for Solving Numerical Continuous Optimization Problems	AXIOMS	2022	10.3390/axioms11100523	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
936	Singh, L; Iadicicco, A; Agrawal, N; Saha, C; Chauhan, R	A compact formulation of all optical signal router by using plasmonic waveguides	OPTICAL AND QUANTUM ELECTRONICS	2022	10.1007/s11082-022-03878-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
937	Nagaraju, G; Santhoshkumar, P; Sekhar, SC; Ramulu, B; Nanthagopal, M; Babu, PSS; Lee, CW; Yu, JS	Metal organic framework-derived MnO@carbon composites for highly durable Li-ion batteries and hybrid electrochemical cells	JOURNAL OF POWER SOURCES	2022	10.1016/j.jpowsour.2022.232113	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
938	Verma, H; Vidyarthi, A; Chitre, AV; Wanjale, KH; Anusha, M; Majrashi, A; Hinga, SK	Local Binary Patterns Based on Neighbor-Center Difference Image for Color Texture Classification with Machine Learning Techniques	WIRELESS COMMUNICATIONS & MOBILE COMPUTING	2022	10.1155/2022/1191492	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
939	Revathi, G; Animasaun, IL; Sajja, VS; Babu, MJ; Boora, N; Raju, CSK	Significance of adding titanium dioxide nanoparticles to an existing distilled water conveying aluminum oxide and zinc oxide nanoparticles: Scrutinization of chemical reactive ternary-hybrid nanofluid due to bioconvection on a convectively heated surface	NONLINEAR ENGINEERING - MODELING AND APPLICATION	2022	10.1515/nleng-2022-0031	Emerging Sources Citation Index (ESCI)	WOS Proof
940	Alagarsamy, A; Mahilmaran, S; Gopalakrishnan, L; Ko, SB	FRDS: An efficient unique on-Chip interconnection network architecture	INTEGRATION-THE VLSI JOURNAL	2022	10.1016/j.vlsi.2022.06.014	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
941	Sekar, S; Solayappan, A; Srimathi, J; Raja, S; Durga, S; Manoharan, P; Hamdi, M; Tunze, GB	Autonomous Transaction Model for E-Commerce Management Using Blockchain Technology	INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY AND WEB ENGINEERING	2022	10.4018/IJITWE.304047	Emerging Sources Citation Index (ESCI)	WOS Proof

942	Thamizhazhagan, P; Sujatha, M; Umadevi, S; Priyadarshini, K; Parvathy, VS; Pustokhina, IV; Pustokhin, DA	AI Based Traffic Flow Prediction Model for Connected and Autonomous Electric Vehicles	CMC-COMPUTERS MATERIALS & CONTINUA	2022	10.32604/cmc.2022.020197	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
943	Sonika; Verma, SK; Samanta, S; Srivastava, AK; Biswas, S; Alsharabi, RM; Rajput, S	Conducting Polymer Nanocomposite for Energy Storage and Energy Harvesting Systems	ADVANCES IN MATERIALS SCIENCE AND ENGINEERING	2022	10.1155/2022/2266899	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
944	Kalyan, CNS; Goud, BS; Bajaj, M; Kumar, MK; Ahmed, EM; Kamel, S	Water-Cycle-Algorithm-Tuned Intelligent Fuzzy Controller for Stability of Multi-Area Multi-Fuel Power System with Time Delays	MATHEMATICS	2022	10.3390/math10030508	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
945	Komala, CR; Vimal, S; Ravindra, G; Hariramakrishnan, P; Razia, S; Geerthik, S; Raja, K; Mohanavel, V; Arappali, N	Deep Learning for an Innovative Photo Energy Model to Estimate the Energy Distribution in Smart Apartments	INTERNATIONAL JOURNAL OF PHOTOENERGY	2022	10.1155/2022/1048378	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
946	Tabassum, N; Pothu, R; Pattnaik, A; Boddula, R; Balla, P; Gundeboyina, R; Challa, P; Rajesh, R; Perugopu, V; Mamedda, N; Radwan, AB; Abdullah, AM; Al-Qahtani, N	Heterogeneous Catalysts for Conversion of Biodiesel-Waste Glycerol into High-Added-Value Chemicals	CATALYSTS	2022	10.3390/catal12070767	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
947	Gnanasekar, T; Valanarasu, S; Ade, R; Juliet, AV; Ganesh, V; AlAbdulaal, TH; Bitla, Y	Improvement in photo-device properties of CuO thin films for opto-electronic applications: effects of (Ni, Co) co-doping	PHYSICA SCRIPTA	2022	10.1088/1402-4896/ac9868	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
948	Vivek, TVS; Naureen, A; Ashraf, MS; Manna, S; Buttar, AM; Muneeshwari, P; Ahmad, MW	Biomedical Microscopic Imaging in Computational Intelligence Using Deep Learning Ensemble Convolution Learning-Based Feature Extraction and Classification	COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE	2022	10.1155/2022/3531308	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
949	Kumar, S; Jain, A; Rani, S; Alshazly, H; Idris, SA; Bourouis, S	Deep Neural Network Based Vehicle Detection and Classification of Aerial Images	INTELLIGENT AUTOMATION AND SOFT COMPUTING	2022	10.32604/iasc.2022.024812	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
950	Bhagat, VS; George, N; Arunkumar, MP; Pitchaimani, J; Babu, MCL	Numerical Analysis on Vibro-Acoustic Behavior of Honeycomb Core Sandwich Structure with FG-CNT-Reinforced Polymer Composite Facings	IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF MECHANICAL ENGINEERING	2022	10.1007/s40997-021-00462-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
951	Maddiboyina, B; Desu, PK; Vasam, M; Challa, VT; Surendra, AV; Rao, RS; Alagarsamy, S; Jhawar, V	An insight of nanogels as novel drug delivery system with potential hybrid nanogel applications	JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION	2022	10.1080/09205063.2021.1982643	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
952	Khed, VC; Pesaralanka, V; Adamu, M; Ibrahim, YE; Azab, M; Reddy, MAK; Hakamy, A; Deifalla, AF	Optimization of Graphene Oxide Incorporated in Fly Ash-Based Self-Compacting Concrete	BUILDINGS	2022	10.3390/buildings12112002	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

953	Rani, S; Ghai, D; Kumar, S; Kantipudi, MP; Alharbi, AH; Ullah, MA	Efficient 3D AlexNet Architecture for Object Recognition Using Syntactic Patterns from Medical Images	COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE	2022	10.1155/2022/7882924	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
954	Kumar, N; Gajraj, V; Upadhyay, S; Chetana, S; Sankaranarayanan, S; Hossain, I; Joshi, NC; Priyadarshi, N; Sen, A	One-step fragmentation of a 2D MXene across the fine 1D MnO2 surface and its supercapacitance	CRYSTENGCOMM	2022	10.1039/d2ce01323a	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
955	Odeyemi, OO; Adeniyi, JO; Oyeyemi, EO; Panda, SK; Jamjareegulgarn, P; Olugbon, B; Oluwadare, EJ; Akala, AO; Olawepo, AO; Adewale, AA	Morphologies of ionospheric-equivalent slab-thickness and scale height over equatorial latitude in Africa	ADVANCES IN SPACE RESEARCH	2022	10.1016/j.asr.2021.10.030	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
956	Saxena, K; Zamani, A; Bhavani, R; Sagar, KVD; Bangare, PM; Ashwini, S; Rahin, SA	RETRACTED: Appropriate Supervised Machine Learning Techniques for Mesothelioma Detection and Cure (Retracted Article)	BIOMED RESEARCH INTERNATIONAL	2022	10.1155/2022/2318101	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
957	Kaur, A; Gupta, S; Kathiravan, M; Nasrullah, S; Paul, C; Rahin, SA	RETRACTED: Classification of EEG Signal-Based Encephalon Magnetic Signs for Identification of Epilepsy-Based Neurological Disorder (Retracted Article)	COMPUTATIONAL AND MATHEMATICAL METHODS IN MEDICINE	2022	10.1155/2022/7793946	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
958	Sagar, KG; Anjani, PK; Raman, MS; Devi, NSMPL; Mehta, K; Gonzales, JLA; Kumar, NM; Venkatesan, S	Improving Sustainability of EDM Sector by Implementing Unconventional Competitive Manufacturing Approach	ADVANCES IN MATERIALS SCIENCE AND ENGINEERING	2022	10.1155/2022/6164599	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
959	Jayaraman, P; Veeramani, N; Krishankumar, R; Ravichandran, KS; Cavallaro, F; Rani, P; Mardani, A	Wavelet-Based Classification of Enhanced Melanoma Skin Lesions through Deep Neural Architectures	INFORMATION	2022	10.3390/info13120583	Emerging Sources Citation Index (ESCI)	WOS Proof
960	Bhukta, A; Ravulapalli, S; Satyam, PV	Comparative inter diffusion study among Ag and AuAg thin film grown on reconstructed Si(5512) substrate	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2022	10.1007/s00339-021-05207-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
961	Teja, KMVR; Prasad, PI; Reddy, KVK; Banapurmath, NR; Kalam, MA; Saleel, CA	Effect of Injection Parameters on the Performance of Compression Ignition Engine Powered with Jamun Seed and Cashew Nutshell B20 Biodiesel Blends	SUSTAINABILITY	2022	10.3390/su14084642	Science Citation Index Expanded (SCI-EXPANDED); Social Science Citation Index (SSCI)	WOS Proof
962	Gayathri, A; Prabu, AV; Rajasoundaran, S; Routray, S; Narayanasamy, P; Kumar, N; Qi, YN	Cooperative and feedback based authentic routing protocol for energy efficient IoT systems	CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE	2022	10.1002/cpe.6886	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
963	Rajasekar, R; SenthilKumar, M; Shanmugan, S; Nagarajan, M	The influence of Cu2ZnSnS4 thin films with characteristics of treatment conditions on spray pyrolysis technique for solar cells applications	INDIAN JOURNAL OF PHYSICS	2022	10.1007/s12648-020-01999-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

964	Mitra, J; Kodavati, M; Provasek, VE; Rao, K; Mitra, S; Hamilton, DJ; Horner, PJ; Vahidy, FS; Britz, GW; Kent, TA; Hegde, ML	SARS-CoV-2 and the central nervous system: Emerging insights into hemorrhage-associated neurological consequences and therapeutic considerations	AGEING RESEARCH REVIEWS	2022	10.1016/j.arr.2022.101687	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
965	Krsihna, BV; Gangadhar, A; Ravi, S; Mohan, D; Panigrahy, AK; Rajeswari, VR; Prakash, MD	A Highly Sensitive Graphene-based Field Effect Transistor for the Detection of Myoglobin	SILICON	2022	10.1007/s12633-022-01790-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
966	Shukla, V; Runthala, A; Rajput, VS; Chandrasai, PD; Tripathi, A; Phulara, SC	Computational and Synthetic Biology Approaches for the Biosynthesis of Antiviral and Anticancer Terpenoids from Bacillus subtilis	MEDICINAL CHEMISTRY	2022	10.2174/1573406417666210712211557	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
967	Ganesh, V; Hussien, MSA; Shaik, UP; Ade, R; Mohammed, MI; AlAbdulaal, TH; Zahran, HY; Yahia, IS; Abdel-wahab, MS	Impact of Mo-Doping on the Structural, Optical, and Electrocatalytic Degradation of ZnO Nanoparticles: Novel Approach	CRYSTALS	2022	10.3390/cryst12091239	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
968	Shanmugam, SK; Reddy, CSR; Prasad, SVGVA; Narukullapati, BK; Ramkumar, R; RajaSekhar, GG; Subramaniam, G; Sivachitra, M; Anbarasu, L; Ladu, NSD	Design and Control of Modified Resonant Voltage Multiplier Rectifier for Photovoltaic Applications Using Electrolytic Capacitive Material	JOURNAL OF NANOMATERIALS	2022	10.1155/2022/1151408	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
969	Elsheikh, AH; Panchal, H; Shanmugan, S; Muthuramalingam, T; El-Kassas, AM; Ramesh, B	Recent progresses in wood-plastic composites: Pre-processing treatments, manufacturing techniques, recyclability and eco-friendly assessment	CLEANER ENGINEERING AND TECHNOLOGY	2022	10.1016/j.clet.2022.100450	Emerging Sources Citation Index (ESCI)	WOS Proof
970	Shankar, R; Ganesh, N; Cep, R; Narayanan, RC; Pal, S; Kalita, K	Hybridized Particle Swarm-Gravitational Search Algorithm for Process Optimization	PROCESSES	2022	10.3390/pr10030616	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
971	Ahmad, F; Shahid, M; Alam, M; Ashraf, Z; Sajid, M; Kotecha, K; Dhiman, G	Levelized Multiple Workflow Allocation Strategy Under Precedence Constraints With Task Merging in IaaS Cloud Environment	IEEE ACCESS	2022	10.1109/ACCESS.2022.3202651	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
972	Kumar, S; Rani, S; Jain, A; Verma, C; Raboaca, MS; Illés, Z; Neagu, BC	Face Spoofing, Age, Gender and Facial Expression Recognition Using Advance Neural Network Architecture-Based Biometric System	SENSORS	2022	10.3390/s22145160	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
973	Setiawan, R; Ponnamm, VS; Sengan, S; Anam, M; Subbiah, C; Phasinam, K; Vairaven, M; Ponnusamy, S	Certain Investigation of Fake News Detection from Facebook and Twitter Using Artificial Intelligence Approach	WIRELESS PERSONAL COMMUNICATIONS	2022	10.1007/s11277-021-08720-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
974	Malik, M; Sharma, S; Uddin, M; Chen, CL; Wu, CM; Soni, P; Chaudhary, S	Waste Classification for Sustainable Development Using Image Recognition with Deep Learning Neural Network Models	SUSTAINABILITY	2022	10.3390/su14127222	Science Citation Index Expanded (SCI-EXPANDED); Social Science Citation Index (SSCI)	WOS Proof

975	Lalotra, GS; Kumar, V; Bhatt, A; Chen, TH; Mahmud, M	iReTADS: An Intelligent Real-Time Anomaly Detection System for Cloud Communications Using Temporal Data Summarization and Neural Network	SECURITY AND COMMUNICATION NETWORKS	2022	10.1155/2022/9149164	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
976	Prabu, AV; Kumar, GS; Rajasoundaran, S; Malla, PP; Routray, S; Mukherjee, A	Internet of things-based deeply proficient monitoring and protection system for crop field	EXPERT SYSTEMS	2022	10.1111/exsy.12876	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
977	Dhanasekar, S; Ganesan, AT; Rani, TL; Vinjamuri, VK; Rao, MN; Shankar, E; Dharamvir; Kumar, PS; Golie, WM	A Comprehensive Study of Ceramic Matrix Composites for Space Applications	ADVANCES IN MATERIALS SCIENCE AND ENGINEERING	2022	10.1155/2022/6160591	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
978	Zuhayer, A; Abd-Elnaby, M; Ahammad, SH; Eid, MMA; Sorathiya, V; Rashed, ANZ	A Gold-Plated Twin Core D-Formed Photonic Crystal Fiber (PCF) for Ultrahigh Sensitive Applications Based on Surface Plasmon Resonance (SPR) Approach	PLASMONICS	2022	10.1007/s11468-022-01700-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
979	Vino, T; Sivaraju, SS; Krishna, RVV; Karthikeyan, T; Sharma, YK; Venkatesan, KGS; Manikandan, G; Selvameena, R; Markos, M	Multiclustor Analysis and Design of Hybrid Wireless Sensor Networks Using Solar Energy	INTERNATIONAL JOURNAL OF PHOTOENERGY	2022	10.1155/2022/1164613	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
980	Ogwala, A; Oyedokun, OJ; Ogunmodimu, O; Akala, AO; Ali, MA; Jamjareegulgarn, P; Panda, SK	Longitudinal Variations in Equatorial Ionospheric TEC from GPS, Global Ionosphere Map and International Reference Ionosphere-2016 during the Descending and Minimum Phases of Solar Cycle 24	UNIVERSE	2022	10.3390/universe8110575	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
981	Bharathi, ML; Sripriya, T; Muthuraj, B; Kumar, DS; Venkatesh, V; Sridevi, BS; Krishna, MMS; Rajan, K; Diriba, A	Deep Learning-Based Smart Hybrid Solar Water Heater Erection Model to Extract Maximum Energy	INTERNATIONAL JOURNAL OF PHOTOENERGY	2022	10.1155/2022/2943386	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
982	Padmanaban, A; Bharathkumar, S; Dhanasekaran, T; Manigandan, R; Pandian, MS; Ramasamy, P; Kathirvelu, D; Valdes, H	Investigation of photo-/electrocatalytic activity of hydrothermal synthesized novel copper ion-modulated bifunctional NiTe ₂ nanoflakes	SURFACES AND INTERFACES	2022	10.1016/j.surfin.2022.102124	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
983	Zamani, A; Anand, L; Rane, KP; Prabhu, P; Buttar, AM; Pallathadka, H; Raghuvanshi, A; Dugbakie, BN	RETRACTED: Performance of Machine Learning and Image Processing in Plant Leaf Disease Detection (Retracted Article)	JOURNAL OF FOOD QUALITY	2022	10.1155/2022/1598796	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
984	Essa, FA; Abdullah, AS; Alawee, WH; Alarjani, A; Alqsair, UF; Shanmugan, S; Omara, ZM; Younes, MM	Experimental enhancement of tubular solar still performance using rotating cylinder, nanoparticles' coating, parabolic solar concentrator, and phase change material	CASE STUDIES IN THERMAL ENGINEERING	2022	10.1016/j.csite.2021.101705	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
985	Kamal, S; Shende, VG; Swaroopa, K; Madhavi, PB; Akram, PS; Pant, K; Patil, SD; Sahile, K	FCN Network-Based Weed and Crop Segmentation for IoT-Aided Agriculture Applications	WIRELESS COMMUNICATIONS & MOBILE COMPUTING	2022	10.1155/2022/2770706	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

986	Lingaraj, V; Kaliannan, K; Rohini, VA; Thevasigamani, RK; Chinnasamy, K; Durairaj, VB; Periasamy, K	Design of expert active knn classifier algorithm using flow stroop colour word test to assess flow state	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2022	10.3233/JIFS-212504	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
987	Jatothu, R; Lal, JD; Bhavani, NPG; Sharada, KA; Balraj, E; Vaigandla, KK; Shukla, AK; Ishrat, M; Sahile, K	End-to-End Latency Analysis for Data Transmission via Optimum Path Allocation in Industrial Sensor Networks	WIRELESS COMMUNICATIONS & MOBILE COMPUTING	2022	10.1155/2022/1697746	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
988	Rajendran, S; Ganesh, N; Cep, R; Narayanan, RC; Pal, S; Kalita, K	A Conceptual Comparison of Six Nature-Inspired Metaheuristic Algorithms in Process Optimization	PROCESSES	2022	10.3390/pr10020197	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
989	Abdullah, AS; Omara, ZM; Essa, FA; Alqsair, UF; Aljaghtham, M; Mansir, IB; Shanmugan, S; Alawee, WH	Enhancing trays solar still performance using wick finned absorber, nano- enhanced PCM	ALEXANDRIA ENGINEERING JOURNAL	2022	10.1016/j.aej.2022.06.033	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
990	Mallu, MR; Erva, RR; Manne, AA; Prasanth, DSNBK; Venkateswarlu, TC; Chadalavada, S; Kurpati, AK; Chava, N	Improving Physiological Factors and Plasmid Stability of DE3 Host System	ASIAN JOURNAL OF PHARMACEUTICS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof
991	Prasad, AR; Jaiganesh, V; Babu, SS; Shanawaz, AM; Muni, TV; Venkatesh, V; Subbiah, R	Performance of solar still powered water recovery system from moist air	MATERIALS TODAY-PROCEEDINGS	2022	10.1016/j.matpr.2021.12.336	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
992	Kumar, PMA; Raj, LNA; Jyothi, B; Soliman, NF; Bajaj, M; El-Shafai, W	A Novel Dynamic Bit Rate Analysis Technique for Adaptive Video Streaming over HTTP Support	SENSORS	2022	10.3390/s22239307	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
993	Bharti, SK; Varadhaganapathy, S; Gupta, RK; Shukla, PK; Bouye, M; Hingaa, SK; Mahmoud, A	Text-Based Emotion Recognition Using Deep Learning Approach	COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE	2022	10.1155/2022/2645381	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
994	Kler, R; Elkady, G; Rane, K; Singh, A; Hossain, MS; Malhotra, D; Ray, S; Bhatia, KK	RETRACTED: Machine Learning and Artificial Intelligence in the Food Industry: A Sustainable Approach (Retracted Article)	JOURNAL OF FOOD QUALITY	2022	10.1155/2022/8521236	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
995	Khan, PI; Ratnam, DV; Prasad, P; Basha, G; Jiang, JATH; Shaik, R; Ratnam, MV; Kishore, P	Observed Climatology and Trend in Relative Humidity, CAPE, and CIN over India	ATMOSPHERE	2022	10.3390/atmos13020361	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
996	Sivaramkrishnan, M; Agenya, R; Antony, ASM; Baskar, R; Prakash, RBR; Ramya, D; Sabarimuthu, M; Golie, WM; Brucely, Y	RETRACTED: A Certain Investigation of Nanomaterial-Based Li-Ion Batteries for Electrical Vehicles (Retracted Article)	JOURNAL OF NANOMATERIALS	2022	10.1155/2022/2700050	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
997	Chawla, R; Krishna, KH; Deshmukh, AA; Sagar, KVD; Al Ansari, MS; Taloba, AI	A Hybrid Optimization Approach with Deep Learning Technique for the Classification of Dental Caries	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2022		Emerging Sources Citation Index (ESCI)	WOS Proof

998	Kumar, S; Ahmed, R; Bharany, S; Shuaib, M; Ahmad, T; Eldin, ET; Rehman, AU; Shafiq, M	Exploitation of Machine Learning Algorithms for Detecting Financial Crimes Based on Customers' Behavior	SUSTAINABILITY	2022	10.3390/su142113875	Science Citation Index Expanded (SCI-EXPANDED); Social Science Citation Index (SSCI)	WOS Proof
999	Felemban, BF; Essa, FA; Afzal, A; Ahmed, MH; Saleh, B; Panchal, H; Shanmugan, S; Elsheikh, A; Omara, ZM	Experimental investigation on dish solar distiller with modified absorber and phase change material under various operating conditions	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	2022	10.1007/s11356-022-20285-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1000	Teja, TB; Sekar, M; Pallavi, T; Mettu, S; Murthy, TEG; Rani, NNIM; Bramhachari, PV; Bonam, SR	Role of Artificial Neural Networks in Pharmaceutical Sciences	JOURNAL OF YOUNG PHARMACISTS	2022	10.5530/jyp.2022.14.2	Emerging Sources Citation Index (ESCI)	WOS Proof
1001	Ramesh, B; Elsheikh, AH; Satishkumar, S; Shaik, AM; Djuansjah, J; Ahmadein, M; Moustafa, EB; Alsaleh, NA	The Influence of Boron Carbide on the Mechanical Properties and Bonding Strength of B4C/Nickel 63 Coatings of Brake Disc	COATINGS	2022	10.3390/coatings12050663	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1002	Yang, QJ; Zhao, TL; Tian, ZJ; Kumar, KR; Chang, JC; Hu, WY; Shu, ZZ; Hu, J	The Cross-Border Transport of PM2.5 from the Southeast Asian Biomass Burning Emissions and Its Impact on Air Pollution in Yunnan Plateau, Southwest China	REMOTE SENSING	2022	10.3390/rs14081886	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1003	Ladkat, AS; Bangare, SL; Jagota, V; Sanober, S; Beram, SM; Rane, K; Singh, BK	Deep Neural Network-Based Novel Mathematical Model for 3D Brain Tumor Segmentation	COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE	2022	10.1155/2022/4271711	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1004	Bhatia, A; Kumar, A; Jain, A; Kumar, A; Verma, C; Illes, Z; Aschilean, I; Raboaca, MS	Networked control system with MANET communication and AODV routing	HELIYON	2022	10.1016/j.heliyon.2022.e11678	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1005	Pavithra, S; Veeramani, T; Subha, SS; Kumar, PJS; Shanmugan, S; Elsheikh, AH; Essa, FA	Revealing prediction of perched cum off-centered wick solar still performance using network based on optimizer algorithm	PROCESS SAFETY AND ENVIRONMENTAL PROTECTION	2022	10.1016/j.psep.2022.03.009	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1006	Pothu, R; Mamedda, N; Mitta, H; Boddula, R; Gundeboyina, R; Perugopu, V; Radwan, AB; Abdullah, AM; Al-Qahtani, N	High Dispersion of Platinum Nanoparticles over Functionalized Zirconia for Effective Transformation of Levulinic Acid to Alkyl Levulinate Biofuel Additives in the Vapor Phase	JOURNAL OF COMPOSITES SCIENCE	2022	10.3390/jcs6100300	Emerging Sources Citation Index (ESCI)	WOS Proof
1007	Sriram, C; Somlal, J; Goud, BS; Bajaj, M; Elnaggar, MF; Kamel, S	Improved Deep Neural Network (IDNN) with SMO Algorithm for Enhancement of Third Zone Distance Relay under Power Swing Condition	MATHEMATICS	2022	10.3390/math10111944	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1008	Mekala, MS; Jolfaei, A; Srivastava, G; Zheng, X; Anvari-Moghaddam, A; Viswanathan, P	Resource Offload Consolidation Based on Deep-Reinforcement Learning Approach in Cyber-Physical Systems	IEEE TRANSACTIONS ON EMERGING TOPICS IN COMPUTATIONAL INTELLIGENCE	2022	10.1109/TETCI.2020.3044082	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1009	Jayaraju, RM; Gaddam, K; Ravindiran, G; Palani, S; Paulraj, MP; Achuthan, A; Saravanan, P; Muniasamy, SK	Biochar from waste biomass as a biocatalyst for biodiesel production: an overview	APPLIED NANOSCIENCE	2022	10.1007/s13204-021-01924-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1010	Pallavolu, MR; Krishna, KG; Nagaraju, G; Babu, PSS; Sambasivam, S; Sreedhar, A	Rational design of Cu-doped Co3O4@carbon nanocomposite and agriculture crop-waste derived activated carbon for high-performance hybrid supercapacitors	JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY	2022	10.1016/j.jiec.2022.09.033	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1011	Ganthia, BP; Dharmaprakash, R; Choudhary, T; Muni, TV; Al-Ammar, EA; Seikh, AH; Siddique, MH; Diriba, A	Simulation Model of PV System Function in Stand-Alone Mode for Grid Blackout Area	INTERNATIONAL JOURNAL OF PHOTOENERGY	2022	10.1155/2022/6202802	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1012	Gunasekaran, K; Pitchai, R; Chaitanya, GK; Selvaraj, D; Sheryl, SA; Almoallim, HS; Alharbi, SA; Raghavan, SS; Tesemma, BG	RETRACTED: A Deep Learning Framework for Earlier Prediction of Diabetic Retinopathy from Fundus Photographs (Retracted Article)	BIOMED RESEARCH INTERNATIONAL	2022	10.1155/2022/3163496	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1013	Kodi, R; Ravuri, M; Gulle, N; Ganteda, C; Khan, SU; Khan, MI	Hall and ion slip radiative flow of chemically reactive second grade through porous saturated space via perturbation approach	WAVES IN RANDOM AND COMPLEX MEDIA	2022	10.1080/17455030.2022.2108555	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1014	Kumar, MV; Babu, AV; Reddy, CR; Pandian, A; Bajaj, M; Zawbaa, HM; Kamel, S	Investigation of the combustion of exhaust gas recirculation in diesel engines with a particulate filter and selective catalytic reactor technologies for environmental gas reduction	CASE STUDIES IN THERMAL ENGINEERING	2022	10.1016/j.csite.2022.102557	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1015	Joshi, D; Gholami, H; Mohapatra, H; Ali, A; Streimikiene, D; Satpathy, SK; Yadav, A	The Application of Stochastic Mine Production Scheduling in the Presence of Geological Uncertainty	SUSTAINABILITY	2022	10.3390/su14169819	Science Citation Index Expanded (SCI-EXPANDED); Social Science Citation Index (SSCI)	WOS Proof
1016	Khan, MA; Khan, GA; Khan, J; Khan, MR; Atoum, I; Ahmad, N; Shahid, M; Ishrat, M; Alghamdi, AA	Multi-View Clustering Based on Multiple Manifold Regularized Non-Negative Sparse Matrix Factorization	IEEE ACCESS	2022	10.1109/ACCESS.2022.3216705	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1017	Setiawan, R; Devadass, MMV; Rajan, R; Sharma, DK; Singh, NP; Amarendra, K; Ganga, RKR; Manoharan, RR; Subramaniaswamy, V; Sengan, S	IoT Based Virtual E-Learning System for Sustainable Development of Smart Cities	JOURNAL OF GRID COMPUTING	2022	10.1007/s10723-022-09616-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1018	Thamizharasu, P; Shanmugan, S; Gorjian, S; Pruncu, CI; Essa, FA; Panchal, H; Harish, M	Improvement of Thermal Performance of a Solar Box Type Cooker Using SiO2/TiO2 Nanolayer	SILICON	2022	10.1007/s12633-020-00835-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1019	Lazar, AJP; Sengan, S; Cavaliere, LPL; Nadesan, T; Sharma, D; Gupta, MK; Palaniswamy, T; Vellingiri, M; Sharma, DK; Subramani, T	RETRACTED: Analysing the User Actions and Location for Identifying Online Scam in Internet Banking on Cloud (Retracted Article)	WIRELESS PERSONAL COMMUNICATIONS	2022	10.1007/s11277-021-08585-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1020	Rajagopal, NK; Qureshi, NI; Durga, S; Asis, EHR; Soto, RMH; Gupta, SK; Deepak, S	Future of Business Culture: An Artificial Intelligence-Driven Digital Framework for Organization Decision-Making Process	COMPLEXITY	2022	10.1155/2022/7796507	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1021	Dashtdar, M; Sarada, K; Hosseinimoghadam, SMS; Kalyan, CHNS; Venkateswarlu, AN; Goud, BS; Reddy, CHR; Belkhier, Y; Bajaj, M; Reddy, BN	Faulted Section Identification and Fault Location in Power Network Based on Histogram Analysis of Three-phase Current and Voltage Modulated	JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY	2022	10.1007/s42835-022-01079-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1022	Gowtham, S; Kumar, TCA; Devi, NSMPL; Chakravarthi, MK; Kumar, SP; Karthik, R; Anandaram, H; Kumar, NM; Ramaswamy, K	A Survey on Additively Manufactured Nanocomposite Biomaterial for Orthopaedic Applications	JOURNAL OF NANOMATERIALS	2022	10.1155/2022/8998451	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1023	Ganma; Agarwal, T; Costantini, M; Pal, S; Kumar, A	Oxygenation therapies for improved wound healing: current trends and technologies	JOURNAL OF MATERIALS CHEMISTRY B	2022	10.1039/d2tb01498j	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1024	Li, C; Rao, JK; Emani, LS; Kosagisharaf, RJ; Hegde, ML	Editorial: The self-renewal and reprogramming of cancer stem cells and their crosstalk with the immune microenvironment	FRONTIERS IN CELL AND DEVELOPMENTAL BIOLOGY	2022	10.3389/fcell.2022.1024761	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1025	Soundararajan, R; Prabu, AV; Routray, S; Malla, PP; Ray, AK; Palai, G; Faragallah, OS; Baz, M; Abualnaja, MM; Eid, MMA; Rashed, ANZ	Deeply Trained Real-Time Body Sensor Networks for Analyzing the Symptoms of Parkinson's Disease	IEEE ACCESS	2022	10.1109/ACCESS.2022.3181985	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1026	Ghosh, S; Majumder, M; Mohammed, OH; Bajaj, M; Singh, AR; Kamel, S	Estimation of failure probability of wave energy farms by group method of data handling: An indian scenario	FRONTIERS IN ENERGY RESEARCH	2022	10.3389/fenrg.2022.1009987	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1027	Ravindran, RSE; Shanmugam, K; Veeramani, S; Ilangoan, R; Ali, D; Almutairi, BO; Palanivel, H; Goel, M	Effect of Phytofabricated Silver Oxide Nanoparticles on Wound Pathogens	JOURNAL OF NANOMATERIALS	2022	10.1155/2022/1760829	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1028	Ramkumar, G; Mulla, NH; Vibhakar, C; Tamilselvi, M; Boopathi, S; Singh, NP; Gomathi, S; Mohanavel, V; Sathyamurthy, R	Evaluating the performance of a hybrid cooling and heating power system using Carbon dioxide energy storage	ENERGY REPORTS	2022	10.1016/j.egyr.2022.10026	Science Citation Index Expanded (SCI-EXPANDED); Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
1029	Krishnan, VA; Sheela, AJ; Muthuraj, B; Kumaran, US; Muni, TV; Rani, TS; Sripada, RNSVSC; Siddique, MH; Raju, R	An IOT Innovation of Smart Solar Energy Consumption Analysis and Control in Micro Grid	INTERNATIONAL JOURNAL OF PHOTOENERGY	2022	10.1155/2022/7506237	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1030	Bhavani, S; Chithambaram, V; Muthucumaraswamy, R; Shanmugan, S; Essa, FA; Elsheikh, AH; Selvaraju, P; Janarthanan, B	Laplacian tactic for the prediction of the temperature components of solar cooker with logical prediction by fuzzy rules	SOLAR ENERGY	2022	10.1016/j.solener.2022.03.006	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1031	Sreekala, K; Rajkumar, N; Sugumar, R; Sagar, KVD; Shobarani, R; Krishnamoorthy, KP; Saini, AK; Palivela, H; Yeshitla, A	Skin Diseases Classification Using Hybrid AI Based Localization Approach	COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE	2022	10.1155/2022/6138490	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1032	Nagaraju, V; Murali, G; Bewoor, AK; Kumar, R; Sharifpur, M; Assad, ME; Awad, MM	Experimental study on performance of single slope solar still integrated with sand troughs	SUSTAINABLE ENERGY TECHNOLOGIES AND ASSESSMENTS	2022	10.1016/j.seta.2021.101884	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1033	Mathiyarasu, J; Surendra, J; Sarma, GVR; Rajaram, R; Shanmugan, S; Mutyala, S	Graphene/Polyaniline nanocomposite as efficient electrocatalyst for oxygen reduction reaction for fuel cells	INORGANIC CHEMISTRY COMMUNICATIONS	2022	10.1016/j.inoche.2022.110192	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1034	Vedanarayanan, V; Srinivasan, JD; Arulvendhan, K; Kumaran, PT; Selvakumar, R; Asif, HS; Siddique, MH; Chimdi, J	Synthesis of Modified Phase-Changing Material with Latent Heat and Thermal Conductivity to Store Solar Energy Using a Carbon Nanotube	INTERNATIONAL JOURNAL OF PHOTOENERGY	2022	10.1155/2022/3412817	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1035	Mahesha, CR; Suprabha, R; Thenmozhi, S; Gowri, V; Chowdary, CM; Savithiri, V; Bharathi, BVVLK; Subbiah, R; Raghavan, IK	RETRACTED: Optimizing the Parameters of Zirconium Carbide and Rice Husk Ash Reinforced with AA 2618 Composites (Retracted Article)	ADVANCES IN MATERIALS SCIENCE AND ENGINEERING	2022	10.1155/2022/1962523	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1036	Nair, VG; Jotiram, GAK; Pratyush, K; Pant, B; Ramesh, DR; Gupta, ASALGG; Manjunatha, LH; Madhavarao, S; Hailegiorgis, SM	Prediction of Tensile Shear Fracture Load of Friction Stir Spot-Welded AA2024-T3/HCS Dissimilar Joints	JOURNAL OF NANOMATERIALS	2022	10.1155/2022/6331372	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1037	Atgur, V; Manavendra, G; Desai, GP; Rao, BN; Fattah, IMR; Mohamed, BA; Sinaga, N; Masjuki, HH	Thermogravimetric and combustion efficiency analysis of Jatropha curcas biodiesel and its derivatives	BIOFUELS-UK	2022	10.1080/17597269.2022.2090136	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1038	Prabakaran, K; Ramesh, R; Arivazhagan, P; Jayasakthi, M; Sanjay, S; Surender, S; Jacob, ID; Balaji, M; Baskar, K	Effect of spiral-like islands on structural quality, optical and electrical performance of InGaN/GaN heterostructures grown by metal organic chemical vapour deposition	MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING	2022	10.1016/j.mssp.2022.106479	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1039	Haroun, M; Chobe, SS; Alavala, RR; Mathure, SM; Jamullamudi, RN; Nerkar, CK; Gugulothu, VK; Tratrati, C; Islam, MM; Venugopala, KN; Habeebuddin, M; Telsang, M; Sreeharsha, N; Anwer, MK	1,5-Benzothiazepine Derivatives: Green Synthesis, In Silico and In Vitro Evaluation as Anticancer Agents	MOLECULES	2022	10.3390/molecules27123757	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1040	Elsheikh, AH; Shanmugan, S; Muthuramalingam, T; Thakur, AK; Essa, FA; Ibrahim, AMM; Mosleh, AO	A comprehensive review on residual stresses in turning	ADVANCES IN MANUFACTURING	2022	10.1007/s40436-021-00371-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1041	Rajasoundaran, S; Prabu, AV; Routray, S; Malla, PP; Kumar, GS; Mukherjee, A; Qi, YA	Secure routing with multi-watchdog construction using deep particle convolutional model for IoT based 5G wireless sensor networks	COMPUTER COMMUNICATIONS	2022	10.1016/j.comcom.2022.02.004	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1042	Ramya, G; Pounrajan, S; Prasad, DVSSSV; Soni, S; Ravichandran, P; Kosanam, K; Gupta, ASALGG; Dinesh, PM; Kumar, L; Shaik, B	Assessment of Rotational Speed and Plunge Rate on Lap Shear Strength of FSSW Joints of AA7075/Mild Steel	ADVANCES IN MATERIALS SCIENCE AND ENGINEERING	2022	10.1155/2022/6215249	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1043	Sethupathy, A; Piriya, PS; Kumar, RR; Shanthi, M; Rangabhashiyam, S; Arun, C; Ragavan, KV	Assessment of methane enrichment efficacy of pre-disintegrated water hyacinth biomass using sonic wave assisted biosurfactant	FUEL	2022	10.1016/j.fuel.2022.123375	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1044	Sreenivasu, SVN; Gomathi, S; Kumar, MJ; Prathap, L; Madduri, A; Almutairi, KMA; Alonazi, WB; Kali, D; Jayadhas, SA	RETRACTED: Dense Convolutional Neural Network for Detection of Cancer from CT Images (Retracted Article)	BIOMED RESEARCH INTERNATIONAL	2022	10.1155/2022/1293548	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1045	Kalyan, CHNS; Goud, BS; Reddy, CR; Kumar, MK; Bajaj, M; El-Naggar, MF; Kamel, S	Performance Assessment of Open-Loop and Closed-Loop Generation Rate Constraint Models for Optimal LFC of the Three-Area Reheat Thermal System	FRONTIERS IN ENERGY RESEARCH	2022	10.3389/fenrg.2022.920651	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1046	Sharma, P; Moparthy, NR; Namasudra, S; Shanmuganathan, V; Hsu, CH	Blockchain-based IoT architecture to secure healthcare system using identity-based encryption	EXPERT SYSTEMS	2022	10.1111/exsy.12915	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1047	Suresh, AC; Reddy, TS; Madhav, BTP; Das, S; Lavadiya, S; Algarni, AD; El-Shafai, W	Investigations on Stub-Based UWB-MIMO Antennas to Enhance Isolation Using Characteristic Mode Analysis	MICROMACHINES	2022	10.3390/mi13122088	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1048	Singh, R; Mir, BA; Lohith, JJ; Chakravarthi, DS; Alharbi, AR; Kumar, H; Hingaa, SK	Smart Healthcare System with Light-Weighted Blockchain System and Deep Learning Techniques	COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE	2022	10.1155/2022/1621258	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1049	Muniappan, A; Jayaraja, BG; Vignesh, T; Singh, M; Arunkumar, T; Sekar, S; Priyadharshini, TR; Pant, B; Paramasivam, P	Artificial Intelligence Optimization of Turning Parameters of Nanoparticle-Reinforced P/M Alloy Tool	JOURNAL OF NANOMATERIALS	2022	10.1155/2022/9225185	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1050	Prakash, AHD; Mahamuda, S; Alzahrani, JS; Sailaja, P; Swapna, K; Venkateswarlu, M; Rao, AS; Alrowaili, ZA; Olarinoye, IO; Al-Buriahi, MS	Synthesis and characterization of B2O3-Bi2O3-SrO-Al2O3-PbO-Dy2O3 glass system: The role of Bi2O3/Dy2O3 on the optical, structural, and radiation absorption parameters	MATERIALS RESEARCH BULLETIN	2022	10.1016/j.materresbull.2022.111952	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1051	Jeelani, SH; Puviarasi, R; Chilambarasan, M; Shinde, SS; Surakasi, R; Sharma, V; Madhavarao, S; Sudhakar, M; Mohanavel, V	An approach to the utilization of grid integration to analyze the performance and quality of solar photovoltaic model	ENERGY REPORTS	2022	10.1016/j.egyr.2022.10.282	Science Citation Index Expanded (SCI-EXPANDED); Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
1052	Roseline, JF; Dhanya, D; Selvan, S; Yuvaraj, M; Duraipandy, P; Kumar, SS; Prasad, AR; Sathyamurthy, R; Mohanavel, V	Neural Network modelling for prediction of energy in hybrid renewable energy systems	ENERGY REPORTS	2022	10.1016/j.egyr.2022.10.284	Science Citation Index Expanded (SCI-EXPANDED); Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
1053	Mannepalli, K; Vinoth, K; Mohapatra, SK; Rahul, R; Gangodkar, DP; Madduri, A; Ravichandran, M; Sathyamurthy, R; Mohanavel, V	Allocation of optimal energy from storage systems using solar energy	ENERGY REPORTS	2022	10.1016/j.egyr.2022.10.033	Science Citation Index Expanded (SCI-EXPANDED); Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
1054	Talukder, H; Anik, MHK; Isti, MIA; Mahmud, S; Talukder, U; Biswas, SK; Altahan, BR; Smirani, LK; Ahammad, SKH; Rashed, ANZ	Double-layered side-polished ultra-highly sensitive photonic crystal fiber-based surface plasmonic refractive index sensor	EUROPEAN PHYSICAL JOURNAL PLUS	2022	10.1140/epjp/s13360-022-03484-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1055	Sharma, BB; Raffik, R; Chaturvedi, A; Geeitha, S; Akram, PS; Natrayan, L; Mohanavel, V; Sudhakar, M; Sathyamurthy, R	Designing and implementing a smart transplanting framework using programmable logic controller and photoelectric sensor	ENERGY REPORTS	2022	10.1016/j.egyr.2022.07.019	Science Citation Index Expanded (SCI-EXPANDED); Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
1056	Prasad, K; Isaac, JS; Ponsudha, P; Nithya, N; Shinde, SK; Gopal, SR; Sarojwal, A; Karthikumar, K; Hadish, KM	A Machine Learning-Based Novel Energy Optimization Algorithm in a Photovoltaic Solar Power System	INTERNATIONAL JOURNAL OF PHOTOENERGY	2022	10.1155/2022/2845755	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1057	Chitra, L; Gowri, NV; Maheswari, M; Uike, D; Medikondur, NR; Al-Ammar, EA; Metwally, ASM; Islam, A; Diriba, A	IoT-Based Solar Energy Measurement and Monitoring Model	INTERNATIONAL JOURNAL OF PHOTOENERGY	2022	10.1155/2022/5767696	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1058	Ganthia, BP; Hanumanthakari, S; Gudimindla, H; Anandaram, H; Ramkumar, MS; Mohanty, M; Gopal, SR; Sarojwal, A; Hadish, KM	Machine Learning Strategy to Achieve Maximum Energy Harvesting and Monitoring Method for Solar Photovoltaic Panel Applications	INTERNATIONAL JOURNAL OF PHOTOENERGY	2022	10.1155/2022/4493116	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1059	Asha, P; Mannepalli, K; Khilar, R; Subbulakshmi, N; Dhanalakshmi, R; Tripathi, V; Mohanavel, V; Sathyamurthy, R; Sudhakar, M	Role of machine learning in attaining environmental sustainability	ENERGY REPORTS	2022	10.1016/j.egy.2022.09.206	Science Citation Index Expanded (SCI-EXPANDED); Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
1060	Gandhi, AM; Shanmugan, S; Kumar, R; Elsheikh, AH; Sharifpur, M; Bewoor, AK; Bamisile, O; Hoang, AT; Ongar, B	SiO ₂ /TiO ₂ nanolayer synergistically trigger thermal absorption inflammatory responses materials for performance improvement of stepped basin solar stillnatural distiller	SUSTAINABLE ENERGY TECHNOLOGIES AND ASSESSMENTS	2022	10.1016/j.seta.2022.101974	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1061	Sanjeevannavar, MB; Banapurmath, NR; Soudagar, MEM; Atgur, V; Hossain, N; Mujtaba, MA; Khan, TMY; Rao, BN; Ismail, KA; Elfasakhany, A	Performance indicators for the optimal BTE of biodiesels with additives through engine testing by the Taguchi approach	CHEMOSPHERE	2022	10.1016/j.chemosphere.2021.132450	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1062	Prabu, AS; Chithambaram, V; Bennet, MA; Shanmugan, S; Pruncu, CI; Lamberti, L; Elsheikh, AH; Panchal, H; Janarthanan, B	Microcontroller PIC 16F877A standard based on solar cooker using PV-evacuated tubes with an extension of heat integrated energy system	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	2022	10.1007/s11356-021-16863-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1063	Kumar, S; Dave, V; Krishnan, MB; Amudha, V; Gomathi, S; Soni, S; Jeelani, SH; Subbiah, R; Negash, K	Analysis of Physical, Ocular, and Aquaphobic Properties of Zirconium Oxide Nanofilms by Varying Sputtering Pressure	JOURNAL OF NANOMATERIALS	2022	10.1155/2022/8752664	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1064	Vedamarayanan, V; Srinivasan, JD; Arulvendhan, K; Kumaran, PT; Selvakumar, R; Maridurai, T; Sudhakar, M; Al Obaid, S; Alfarraj, S; Raj, MM; Raghavan, IK	Performance Development and Evaluation of Solar Air Collector with Novel Phase Change Material	INTERNATIONAL JOURNAL OF PHOTOENERGY	2022	10.1155/2022/3787141	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1065	Lokeshwari, M; Sagar, PV; Kumar, KD; Thirupathy, D; Subbiah, R; Ganeshan, P; Seikh, AH; Mohammed, SMAK; Christopher, D	Optimization and Tribological Properties of Hybridized Palm Kernel Shell Ash and Nano Boron Nitride Reinforced Aluminium Matrix Composites	JOURNAL OF NANOMATERIALS	2022	10.1155/2022/8479012	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1066	Shimi, AK; Ahmed, HM; Wahab, M; Katheria, S; Wabaidur, SM; Eldesoky, GE; Islam, MA; Rane, KP	Synthesis and Applications of Green Synthesized TiO2 Nanoparticles for Photocatalytic Dye Degradation and Antibacterial Activity	JOURNAL OF NANOMATERIALS	2022	10.1155/2022/7060388	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1067	Daher, MG; Jaroszewicz, Z; Zyoud, SH; Panda, A; Ahammad, SH; Abd-Elnaby, M; Eid, MMA; Rashed, ANZ	Design of a novel detector based on photonic crystal nanostructure for ultra-high performance detection of cells with diabetes	OPTICAL AND QUANTUM ELECTRONICS	2022	10.1007/s11082-022-04093-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1068	Elsheikh, AH; Shanmugan, S; Sathyamurthy, R; Thakur, AK; Issa, M; Panchal, H; Muthuramalingam, T; Kumar, R; Sharifpur, M	Low-cost bilayered structure for improving the performance of solar stills: Performance/cost analysis and water yield prediction using machine learning	SUSTAINABLE ENERGY TECHNOLOGIES AND ASSESSMENTS	2022	10.1016/j.seta.2021.101783	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1069	Albaqami, MD; Dwivedi, YD; Krishnamoorthy, N; Kumar, ML; Manjunatha, LH; Chowdary, CM; Wabaidur, SM; Prasad, AR; Chikhale, RV; Kumar, SP	Investigation on Mechanical and Thermal Properties of a Kenaf/Jute Fiber-Reinforced Polyester Hybrid Biocomposite	ADVANCES IN POLYMER TECHNOLOGY	2022	10.1155/2022/7408135	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1070	Khan, J; Khan, GA; Li, JP; AlAjmi, MF; Ul Haq, A; Khan, S; Ahmad, N; Parveen, S; Shahid, M; Ahmad, S; Raji, M; Ahamad, B; Alghamdi, AA; Ali, A	Secure Smart Healthcare Monitoring in Industrial Internet of Things (IIoT) Ecosystem with Cosine Function Hybrid Chaotic Map Encryption	SCIENTIFIC PROGRAMMING	2022	10.1155/2022/8853448	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1071	Diwakar, M; Singh, P; Karetla, GR; Narooka, P; Yadav, A; Maurya, RK; Gupta, R; Arias-González, JL; Singh, MP; Shetty, DK; Paul, R; Naik, N	Low-Dose COVID-19 CT Image Denoising Using Batch Normalization and Convolution Neural Network	ELECTRONICS	2022	10.3390/electronics11203375	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1072	Goswami, L; Kayalvizhi, R; Dikshit, PK; Sherpa, KC; Roy, S; Kushwaha, A; Kim, BS; Banerjee, R; Jacob, S; Rajak, RC	A critical review on prospects of bio-refinery products from second and third generation biomasses	CHEMICAL ENGINEERING JOURNAL	2022	10.1016/j.cej.2022.137677	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1073	Thamizharasu, P; Shanmugan, S; Sivakumar, S; Pruncu, CI; Kabeel, AE; Nagaraj, J; Videla, LS; Anand, KV; Lamberti, L; Laad, M	Revealing an OSELM based on traversal tree for higher energy adaptive control using an efficient solar box cooker (vol 218, pg 320, 2021)	SOLAR ENERGY	2022	10.1016/j.solener.2022.03.028	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1074	Acharyulu, NPS; Sohan, A; Banoth, P; Chintalapati, S; Doshi, S; Reddy, V; Santhosh, C; Grace, AN; Valladares, LD; Kollu, P	Effect of the Graphene- Ni/NiFe2O4 Composite on Bacterial Inhibition Mediated by Protein Degradation	ACS OMEGA	2022	10.1021/acsomega.2c02064	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1075	Daher, MG; Trabelsi, Y; Ahmed, NM; Prajapati, YK; Sorathiya, V; Ahammad, SH; Priya, PP; Faragallah, OS; Rashed, ANZ	Detection of Basal Cancer Cells using Photodetector Based on a Novel Surface Plasmon Resonance Nanostructure Employing Perovskite Layer with an Ultra High Sensitivity	PLASMONICS	2022	10.1007/s11468-022-01727-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1076	Gacem, A; Refat, MS; Ali, HE; Naidu, SCVRM; Beendarani, B; Deole, P; Kumar, SS; Rama, S; Alsuhaibani, AM; Diriba, A	Optimization and Mechanical Characteristics of AA6061/Zirconia Nanocomposites Fabricated by Ultrasonic-Aided Stir Casting Method	JOURNAL OF NANOMATERIALS	2022	10.1155/2022/2453412	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1077	Vankadara, RK; Panda, SK; Amory-Mazaudier, C; Fleury, R; Devanaboyina, VR; Pant, TK; Jamjareegulgarn, P; Haq, MA; Okoh, D; Seemala, GK	Signatures of Equatorial Plasma Bubbles and Ionospheric Scintillations from Magnetometer and GNSS Observations in the Indian Longitudes during the Space Weather Events of Early September 2017	REMOTE SENSING	2022	10.3390/rs14030652	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1078	Sharma, P; Kumar, A; Agarwal, T; Dey, AD; Moghaddam, FD; Rahimmanesh, I; Ghovvati, M; Yousefiasl, S; Borzacchiello, A; Mohammadi, A; Yella, VR; Moradi, O; Sharifi, E	Nucleic acid-based therapeutics for dermal wound healing	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2022	10.1016/j.ijbiomac.2022.08.099	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1079	Abud, AA; Abi, B; Acciarri, R; Acero, MA; Adames, MR; Adamov, G; Adams, D; Adinolfi, M; Aduszkiewicz, A; Aguilar, J; Ahmad, Z; Ahmed, J; Ali-Mohammadzadeh, B; Alion, T; Allison, K; Monsalve, SA; Alrashed, M; Alt, C; Alton, A; Amedo, P; Anderson, J; Andreopoulos, C; Andreotti, M; Andrews, MP; Andrianala, F; Andringa, S; Anfimov, N; Ankowski, A; Antoniassi, M; Antonova, M; Antoshkin, A; Antusch, S; Aranda-Fernandez, A; Ariga, A; Arnold, LO; Arroyave, MA; Asaadi, J; Asquith, L; Aurisano, A; Aushev, V; Autiero, D; Ayala-Torres, M; Azfar, F; Back, A; Back, H; Back, JJ; Backhouse, C; Baesso, P; Bagaturia, I; Bagby, L; Balashov, N; Balasubramanian, S; Baldi	Design, construction and operation of the ProtoDUNE-SP Liquid Argon TPC	JOURNAL OF INSTRUMENTATION	2022	10.1088/1748-0221/17/01/P01005	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
------	--	---	----------------------------	------	--------------------------------	--	---------------------------

1080	Abud, AA; Abi, B; Acciarri, R; Acero, MA; Adames, MR; Adamov, G; Adamowski, M; Adams, D; Adinolfi, M; Aduszkiewicz, A; Aguilar, J; Ahmad, Z; Ahmed, J; Aimard, B; Ali-Mohammadzadeh, B; Alion, T; Allison, K; Monsalve, SA; AlRashed, M; Alt, C; Alton, A; Alvarez, R; Amedo, P; Anderson, J; Andreopoulos, C; Andreotti, M; Andrews, M; Andrianala, F; Andringa, S; Anfimov, N; Ankowski, A; Antoniassi, M; Antonova, M; Antoshkin, A; Antusch, S; Aranda-Fernandez, A; Arellano, L; Arnold, LO; Arroyave, MA; Asaadi, J; Asquith, L; Aurisano, A; Aushev, ; Autiero, D; Lara, VA; Ayala-Torres, M; Azfar, F; Back, A; Back, H; Back, JJ; Backhouse, C; Bagaturia, ; Bagby, L; Balashov, N; Balasubramanian, S; Baldi	Scintillation light detection in the 6-m drift-length ProtoDUNE Dual Phase liquid argon TPC	EUROPEAN PHYSICAL JOURNAL C	2022	10.1140/epjc/s10052-022-10549-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
------	--	---	-----------------------------	------	---------------------------------	--	---------------------------

1081	Abud, AA; Abi, B; Acciarri, R; Acero, MA; Adames, MR; Adamov, G; Adamowski, M; Adams, D; Adinolfi, M; Aduszkiewicz, A; Aguilar, J; Ahmad, Z; Ahmed, J; Aimard, B; Ali-Mohammadzadeh, B; Alion, T; Allison, K; Monsalve, SA; AlRashed, M; Alt, C; Alton, A; Alvarez, R; Amedo, P; Anderson, J; Andreopoulos, C; Andreotti, M; Andrews, M; Andrianala, F; Andringa, S; Anfimov, N; Ankowski, A; Antoniassi, M; Antonova, M; Antoshkin, A; Antusch, S; Aranda-Fernandez, A; Arellano, L; Arnold, LO; Arroyave, MA; Asaadi, J; Asquith, L; Aurisano, A; Aushev, ; Autiero, D; Lara, VA; Ayala-Torres, M; Azfar, F; Babicz, M; Back, A; Back, H; Back, JJ; Backhouse, C; Bagaturia, ; Bagby, L; Balashov, N;	Separation of track- and shower-like energy deposits in ProtoDUNE-SP using a convolutional neural network	EUROPEAN PHYSICAL JOURNAL C	2022	10.1140/epjc/s10052-022-10791-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
------	---	---	-----------------------------	------	---------------------------------	--	---------------------------

1082	Abud, AA; Abi, B; Acciarri, R; Acero, MA; Adames, MR; Adamov, G; Adams, D; Adinolfi, M; Aduszkiewicz, A; Aguilar, J; Ahmad, Z; Ahmed, J; Aimard, B; Ali-Mohammadzadeh, B; Alion, T; Allison, K; Monsalve, SA; AlRashed, M; Alt, C; Alton, A; Amedo, P; Anderson, J; Andreopoulos, C; Andreotti, M; Andrews, MP; Andrianala, F; Andringa, S; Anfimov, N; Ankowski, A; Antoniassi, M; Antonova, M; Antoshkin, A; Antusch, S; Aranda-Fernandez, A; Arnold, LO; Arroyave, MA; Asaadi, J; Asquith, L; Aurisano, A; Aushev, ; Autiero, D; Ayala-Torres, M; Azfar, F; Back, A; Back, H; Back, JJ; Backhouse, C; Bagaturia, ; Bagby, L; Balashov, N; Balasubramanian, S; Baldi	Low exposure long-baseline neutrino oscillation sensitivity of the DUNE experiment	PHYSICAL REVIEW D	2022	10.1103/PhysRevD.105.072006	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
------	--	--	-------------------	------	-----------------------------	--	---------------------------