



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	Kumar, RA; Vinuthna, K	Randomized Ensemble SVM based Deep learning with Verifiable dynamic access control using user revocation in IoT architecture	SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES	2021	10.1007/s12046-021-01705-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
2	Ponnaganti, ND; Anitha, R	Feature Extraction based Breast Cancer Detection using WPSO with CNN	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
3	Kanakaraja, P; Kumer, SVA; Krishna, BJ; Hari, KS; Krishna, VM	Communication through black spot area using LoRa technology and IOT	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.02.339	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
4	Bodavarapu, PNR; Srinivas, PVVS	An Optimized Neural Network Model for Facial Expression Recognition over Traditional Deep Neural Networks	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
5	Rajaputra, SS; Nagalakshmi, P; Yerramilli, A; Mahesh, KN	Comparative electrochemical performance evaluation of chemically (CRG) and hydrothermally (HRG) reduced graphene oxide as supercapacitor electrode material	IONICS	2021	10.1007/s11581-021-04144-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
6	Mallu, MR; Golamari, SR; Kotikalapudi, SRCK; Vemparala, R	Overview of Bacterial and Yeast Systems for Protein Expression	JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL	2021	10.9734/JPRI/2021/v33i32A31722	Emerging Sources Citation Index (ESCI)	WOS Proof
7	Sekhar, PNRLC; Shankar, TN	Effective splicing localization based on noise level inconsistencies	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2021	10.3233/JIFS-189861	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
8	Srujan, N; Mahesh, U; Poojitha, V; Jason, S; Kiran, JS	GuidoBot : A Novel Approach for Assisting Faculty in Tracking Goals and finding tasks	PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON INVENTIVE COMPUTATION TECHNOLOGIES (ICICT 2021)	2021	10.1109/ICICT50816.2021.9358613	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
9	Kumar, EK; Kishore, PVV; Kumar, DA; Kumar, MTK	Early estimation model for 3D-discrete indian sign language recognition using graph matching	JOURNAL OF KING SAUD UNIVERSITY-COMPUTER AND INFORMATION SCIENCES	2021	10.1016/j.jksuci.2018.06.008	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
10	Ganesan, T; Rajarajeswari, P	Hybrid Genetic Algorithm With Haar Wavelet for Maximum Target Coverage Node Deployment in Wireless Sensor Networks	JOURNAL OF CASES ON INFORMATION TECHNOLOGY	2021	10.4018/JCIT.20210701.0a6	Emerging Sources Citation Index (ESCI)	WOS Proof
11	Kumar, A	Numerical modelling of ion-migration caused hysteresis in perovskite solar cells	OPTICAL AND QUANTUM ELECTRONICS	2021	10.1007/s11082-021-02806-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
12	Tatale, SB; Prakash, VC	A Survey on Test Case Generation using UML Diagrams and Feasibility Study to Generate Combinatorial Logic Oriented Test Cases	INTERNATIONAL JOURNAL OF NEXT-GENERATION COMPUTING	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
13	Bhavani, KS; Anusha, T; Brahman, PK	Platinum nanoparticles decorated on graphitic carbon nitride-ZIF-67 composite support: An electrocatalyst for the oxidation of butanol in fuel cell applications	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2021	10.1016/j.ijhydene.2021.01.006	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
14	Chaitanya, GK; Sekhar, KR	Knowledge-based gait behavioural authentication through a machine learning approach	INTERNATIONAL JOURNAL OF BIOMEDICAL ENGINEERING AND TECHNOLOGY	2021	10.1504/IJBET.2021.115998	Emerging Sources Citation Index (ESCI)	WOS Proof
15	Chandra, SN; Rao, AA; Rao, GSNK; Umasankar, K; Reddy, AR	Clinical Features, Diagnosis and Treatment Strategies of Limb Girdle Muscular Dystrophy: An Observational Study from South India	JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL	2021	10.9734/JPRI/2021/v33i44A32610	Emerging Sources Citation Index (ESCI)	WOS Proof

16	Deepak, TS; Enireddy, V	High Payload Capacity using Steganography Combined with Cryptography	PROCEEDINGS OF THE 2021 FIFTH INTERNATIONAL CONFERENCE ON I-SMAC (IOT IN SOCIAL, MOBILE, ANALYTICS AND CLOUD) (I-SMAC 2021)	2021	10.1109/I-SMAC52330.2021.9640859	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
17	Kalathiripi, R; Venkatram, N	Regression coefficients of traffic flow metrics (RCTFM) for DDOS defense in IoT networks	INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS	2021	10.1002/dac.4330	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
18	Devi, SA; Sivakumar, S	An efficient contextual glove feature extraction model on large textual databases	INTERNATIONAL JOURNAL OF SPEECH TECHNOLOGY	2021	10.1007/s10772-021-09884-2	Emerging Sources Citation Index (ESCI)	WOS Proof
19	Devi, SA; Sivakumar, S	A Hybrid Ensemble Word Embedding based Classification Model for Multi-document Summarization Process on Large Multi-domain Document Sets	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
20	Kimmatkar, NV; Babu, BV	Novel Approach for Emotion Detection and Stabilizing Mental State by Using Machine Learning Techniques	COMPUTERS	2021	10.3390/computers10030037	Emerging Sources Citation Index (ESCI)	WOS Proof
21	Rani, NV; Kunta, R	PEG-400 promoted a simple, efficient and eco-friendly synthesis of functionalized novel isoxazolyl pyrido[2,3-d]pyrimidines and their antimicrobial and anti-inflammatory activity	SYNTHETIC COMMUNICATIONS	2021	10.1080/00397911.2021.1871759	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC); Current Chemical Reactions (CCR-EXPANDED)	WOS Proof
22	Praghash, K; Baig, SMA; Dhatri, VSL; Parvez, MM; Tripathi, DP	Smart Health Care Based on IoT and Sensors	PROCEEDINGS OF THE 2021 FIFTH INTERNATIONAL CONFERENCE ON I-SMAC (IOT IN SOCIAL, MOBILE, ANALYTICS AND CLOUD) (I-SMAC 2021)	2021	10.1109/I-SMAC52330.2021.9640705	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
23	Aovuthu, SM; Immadi, G; Madhavareddy, VN	Experimental studies on the effects of fog and haze on free-space optical link at 405 nm	MICROWAVE AND OPTICAL TECHNOLOGY LETTERS	2021	10.1002/mop.32662	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
24	Siddiqui, N; Vemireddy, U; Kotari, A; Teja, T; Sai, D; Kumar, S; Prasad, S	Microbial Pack as Probiotic Supplements to Improve Gut Immunity for Homeostasis	ASIAN JOURNAL OF PHARMACEUTICS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
25	Jahan, K; Rao, SK	Measure of Nonlinearity With Application to Bearings-Only Target Tracking	INTERNATIONAL JOURNAL OF E-COLLABORATION	2021	10.4018/IJeC.2021070103	Emerging Sources Citation Index (ESCI)	WOS Proof
26	Rajkumar, KV; Subrahmanyam, K	A Novel Method for Rainfall Prediction and Classification using Neural Networks	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
27	Srinivas, PVVS; Mishra, P	An Improved Facial Emotion Recognition System using the Optimized Convolutional Neural Network Model with Dropout	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
28	Sailaja, BVS; Naik, KK	CPW-fed elliptical shaped patch antenna with RF switches for wireless applications	MICROELECTRONICS JOURNAL	2021	10.1016/j.mejo.2021.105019	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
29	Kumar, ER; Rao, KVSNR	Sentiment Analysis using Social and Topic Context for Suicide Prediction	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
30	Navya, A; Immadi, G; Narayana, MV	A Low-Profile Wideband BPF for Ku Band Applications	PROGRESS IN ELECTROMAGNETICS RESEARCH LETTERS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
31	Rani, NV; Kunta, R	Acetic acid promoted an efficient and eco-friendly one-pot synthesis of functionalized novel isoxazolyl amino chromenopyrrole derivatives in aqueous medium	SYNTHETIC COMMUNICATIONS	2021	10.1080/00397911.2021.1846058	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC); Current Chemical Reactions (CCR-EXPANDED)	WOS Proof
32	Lingeshwaran, N; KranthiNadimpalli, S; KollaSailaja; Sameeruddin, S; Kumar, YH; Madavarapu, SB	A study on seismic analysis of high-rise building with and without floating columns and shear wall	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.07.120	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof

33	Alange, N; Mathur, A	Access efficiency of small sized files in Big Data using various Techniques on Hadoop Distributed File System platform	INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND NETWORK SECURITY	2021	10.22937/IJCSNS.2021.21.7.41	Emerging Sources Citation Index (ESCI)	WOS Proof
34	Chawla, RK; Gudhanti, SNKR; Kulandaivelu, U; Panda, SP; Alavala, RR	Development and Validation of an Inductively Coupled Plasma Mass Spectrometry Method for Estimation of Elemental Impurities in Calcium Acetate Active Pharmaceutical Ingredient	INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES	2021	10.36468/pharmaceutical-sciences.834	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
35	Jamuna, B; Balla, CS	Bioconvection in a porous square cavity containing gyrotactic microorganisms under the effects of heat generation/absorption	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART E-JOURNAL OF PROCESS MECHANICAL ENGINEERING	2021	10.1177/09544089211007326	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
36	Bulusu, A; Rao, KVSNR	Sentiment Analysis of Learner Reviews to improve efficacy of Massive Open Online Courses (MOOC's) - A Survey	PROCEEDINGS OF THE 2021 FIFTH INTERNATIONAL CONFERENCE ON I-SMAC (IOT IN SOCIAL, MOBILE, ANALYTICS AND CLOUD) (I-SMAC 2021)	2021	10.1109/I-SMAC52330.2021.9640651	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
37	More, GV; Rao, YVH; Prasad, PI; Rao, BN	Experimental investigation on the effect of compression ratio over emission and performance characteristics of the diesel engine using ternary blends	INTERNATIONAL JOURNAL OF GREEN ENERGY	2021	10.1080/15435075.2020.1854263	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
38	Bora, P; Kanakaraja, P; Chiranjeevi, B; Sai, MJS; Jeswanth, A	Smart real time health monitoring system using Arduino and Raspberry Pi	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.02.290	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
39	Fernandes, B; Manneppalli, K	An Analysis of Emotional Speech Recognition for Tamil Language Using Deep Learning Gate Recurrent Unit	PERTANIKA JOURNAL OF SCIENCE AND TECHNOLOGY	2021	10.47836/pjst.29.3.37	Emerging Sources Citation Index (ESCI)	WOS Proof
40	Reddy, SS; Reddy, MAK	Optimization of Calcined Bentonite Caly Utilization in Cement Mortar using Response Surface Methodology	INTERNATIONAL JOURNAL OF ENGINEERING	2021	10.5829/ije.2021.34.07a.07	Emerging Sources Citation Index (ESCI)	WOS Proof
41	Sheetal, AP; Ravindranath, K	Cost Effective Hybrid Fault Tolerant Scheduling Model for Cloud Computing Environment Hybrid Fault Tolerant Scheduling	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
42	Yalavarthi, UD; Koosam, RT; Venna, MNSD; Thota, B	Four Element Square Patch MIMO Antenna for DSRC, WLAN, and X-Band Applications	PROGRESS IN ELECTROMAGNETICS RESEARCH M	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
43	Sreelakshmi, D; Inthiyaz, S	A pervasive health care device computing application for brain tumors with machine and deep learning techniques	INTERNATIONAL JOURNAL OF PERVASIVE COMPUTING AND COMMUNICATIONS	2021	10.1108/IJPCC-06-2021-0137	Emerging Sources Citation Index (ESCI)	WOS Proof
44	Sailaja, BVS; Naik, KK	Design of elliptical-shaped reconfigurable patch antenna with shunt capacitive RF-MEMS switch for satellite applications	INTERNATIONAL JOURNAL OF MICROWAVE AND WIRELESS TECHNOLOGIES	2021	10.1017/S1759078720001634	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
45	Ali, SK; Mondal, T	Development and Validation of Analytical Method for Quantitative Estimation of Multiple Metal Impurities in Dobutamine Hydrochloride using ICPMS Spectroscopy	INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH	2021	10.5530/ijper.55.4.217	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
46	Fernandes, B; Manneppalli, K	Speech Emotion Recognition Using Deep Learning LSTM for Tamil Language	PERTANIKA JOURNAL OF SCIENCE AND TECHNOLOGY	2021	10.47836/pjst.29.3.33	Emerging Sources Citation Index (ESCI)	WOS Proof
47	Lakshmi, MK; Rao, SK; Kodukula, S	Three-Dimensional Submarine-to-Submarine Passive Target Tracking in the Presence of Non-Gaussian Noises	INTERNATIONAL JOURNAL OF E-COLLABORATION	2021	10.4018/IJeC.2021070101	Emerging Sources Citation Index (ESCI)	WOS Proof
48	Ramakrishna, P; Kishore, KH	A low power reconfigurable ADC for bioimpedance monitoring system	INTERNATIONAL JOURNAL OF SPEECH TECHNOLOGY	2021	10.1007/s10772-021-09813-3	Emerging Sources Citation Index (ESCI)	WOS Proof
49	Sonar, R; Swain, G	Multi-Directional Pixel Difference Histogram Analysis Based on Pixel Blocks of Different Sizes	SENSING AND IMAGING	2021	10.1007/s11220-021-00334-6	Emerging Sources Citation Index (ESCI)	WOS Proof

50	Dasari, R; Venkatram, N	Discrete quality factors aware channel scheduling in Cognitive Radio Ad-hoc Networks	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING	2021	10.1007/s12652-020-02607-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
51	Debnath, N	Reading Tradition in Food: An Interdisciplinary Study of Bengali Food Writing	RUPKATHA JOURNAL ON INTERDISCIPLINARY STUDIES IN HUMANITIES	2021	10.21659/rupkatha.v13n4.11	Emerging Sources Citation Index (ESCI)	WOS Proof
52	Kavitha, M; Gnaneswar, G; Dinesh, R; Sai, YR; Suraj, RS	Heart Disease Prediction using Hybrid machine Learning Model	PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON INVENTIVE COMPUTATION TECHNOLOGIES (ICICT 2021)	2021	10.1109/ICICT50816.2021.9358597	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
53	Prakash, PGO; Ananthakumaran, S; Sathishkumar, M; Ganeshan, R	Analyzing the User Navigation Pattern from Web Logs Using Maximum Frequent Pattern Approach	PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON INVENTIVE COMPUTATION TECHNOLOGIES (ICICT 2021)	2021	10.1109/ICICT50816.2021.9358751	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
54	Rao, AS; Tondepu, Y; Kumari, NS; Prasad, C	An Early Detection of Breast Cancer Using Hybrid Ensemble Classifier	PROCEEDINGS OF THE 2021 FIFTH INTERNATIONAL CONFERENCE ON I-SMAC (IOT IN SOCIAL, MOBILE, ANALYTICS AND CLOUD) (I-SMAC 2021)	2021	10.1109/I-SMAC52330.2021.9640795	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
55	Vavilapalli, SS; ReddyKorepu, P; Saggam, S; Pentyala, M; Devi, SA	Summarizing & Sentiment Analysis on Movie Critics Data	PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON INVENTIVE COMPUTATION TECHNOLOGIES (ICICT 2021)	2021	10.1109/ICICT50816.2021.9358563	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
56	Divya, TV; Banik, BG	An Empirical Study on Fake News Detection System using Deep and Machine Learning Ensemble Techniques	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
57	Yalavarthi, UD	Reconfigurable orthogonal quad-port MIMO antenna for DSRC, WLAN, RADAR and Ku-band applications	AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS	2021	10.1016/j.aeue.2021.153766	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
58	Ummiti, K; Kumar, JVS	Establishment of validated stability indicating purity method based on the stress degradation behavior of gonadotropin-releasing hormone antagonist (ganirelix) in an injectable formulation using HPLC and LC-MS-QTOF	EUROPEAN JOURNAL OF MASS SPECTROMETRY	2021	10.1177/14690667211005335	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
59	Mohan, KN; Reddy, KH; Yasaswini, N	Comparison and Analysis of Different Feeding Techniques for MIMO Antenna's UWB Applications with Defected Ground Structure	2021 IEEE INTERNATIONAL IOT, ELECTRONICS AND MECHATRONICS CONFERENCE (IEMTRONICS)	2021	10.1109/IEMTRONICS52119.2021.9422511	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
60	Ravali, GG; Raju, KN	Technological developments in batteries: a survey of modelling, estimation, and management strategies for EV application	INTERNATIONAL JOURNAL OF ELECTRIC AND HYBRID VEHICLES	2021	10.1504/IJEHV.2021.117881	Emerging Sources Citation Index (ESCI)	WOS Proof
61	Srilatha, A; Pandian, A; Varma, PS	Off-Board Li-Ion Battery Fast Charger with Two-Stage Bidirectional Converter for Electric Vehicles	2021 IEEE INTERNATIONAL CONFERENCE ON MOBILE NETWORKS AND WIRELESS COMMUNICATIONS (ICMNWC)	2021	10.1109/ICMNWC52512.2021.9688491	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
62	Prasad, GR; Madhav, BTP; Pardhasaradhi, P; Devi, YU; Nadh, BP; Anilkumar, T; Rao, MV	Concentric Ring Structured Reconfigurable Antenna using MEMS Switches for Wireless Communication Applications	WIRELESS PERSONAL COMMUNICATIONS	2021	10.1007/s11277-021-08480-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
63	Basha, SK; Shankar, TN	Fuzzy Based Multi-Hop Broadcasting in High-Mobility VANETs	INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND NETWORK SECURITY	2021	10.22937/IJCSNS.2021.21.3.22	Emerging Sources Citation Index (ESCI)	WOS Proof
64	Banchhor, C; Srinivasu, N	Analysis of Bayesian optimization algorithms for big data classification based on Map Reduce framework	JOURNAL OF BIG DATA	2021	10.1186/s40537-021-00464-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

65	Bitra, SK; Miriyala, S	An Ultra-Wideband Band Pass Filter using Metal Insulator Metal Waveguide for Nanoscale Applications	ENGINEERING TECHNOLOGY & APPLIED SCIENCE RESEARCH	2021	10.48084/etasr.4194	Emerging Sources Citation Index (ESCI)	WOS Proof
66	Rao, SK	Bearings-Only Tracking: Observer Maneuver Recommendation	IETE JOURNAL OF RESEARCH	2021	10.1080/03772063.2018.1535917	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
67	Salma, S; Khan, H; Madhav, BTP; Sandeep, DR; Suman, M	Design and Analysis of a Hybrid Circularly Polarized Multi-Band MIMO Antenna for Sub 6 GHz Applications	INTERNATIONAL JOURNAL OF ELECTRONICS AND TELECOMMUNICATIONS	2021	10.24425/ijet.2021.137848	Emerging Sources Citation Index (ESCI)	WOS Proof
68	Balne, S; Elumalai, A	Machine learning and deep learning algorithms used to diagnosis of Alzheimer's: Review	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.05.499	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
69	Kumar, A; Singh, NP; Sundaramoorthy, A	Comparative device performance of CZTS solar cell with alternative back contact	MATERIALS LETTERS-X	2021	10.1016/j.mlblux.2021.100092	Emerging Sources Citation Index (ESCI)	WOS Proof
70	Harsha, NCS; Anudeep, YGVS; Vikash, K; Ratnam, DV	Performance Analysis of Machine Learning Algorithms for Smartphone-Based Human Activity Recognition	WIRELESS PERSONAL COMMUNICATIONS	2021	10.1007/s11277-021-08641-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
71	Goud, BS	BWO Strategy for Power Quality Improvement in HRES Grid-Connected DPFC System	SMART SCIENCE	2021	10.1080/23080477.2021.1920142	Emerging Sources Citation Index (ESCI)	WOS Proof
72	Pratap, NL; Anuroop, K; Devi, PN; Sandeep, A; Nalajala, S	IoT based Smart Cradle for Baby Monitoring System	PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON INVENTIVE COMPUTATION TECHNOLOGIES (ICICT 2021)	2021	10.1109/ICICT50816.2021.9358684	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
73	Sekhar, KVC	LAPLACE TRANSFORM SOLUTION OF UNSTEADY MHD JEFFRY FLUID FLOW PAST VERTICALLY INCLINED PORUS PLATE	FRONTIERS IN HEAT AND MASS TRANSFER	2021	10.5098/hmt.16.10	Emerging Sources Citation Index (ESCI)	WOS Proof
74	Yogesh, G; Rao, CH	A study on linear scheduling methods in road construction projects	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.07.393	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
75	Katireddy, HR; Narayana, MV; Immadi, G	Innovative Design and Analysis of an Electrically Small Reconfigurable Antenna for GPS and Blue Tooth Applications	ENGINEERING TECHNOLOGY & APPLIED SCIENCE RESEARCH	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
76	Brahmane, AV; Krishna, CB	Rider Chaotic Biography Optimization-driven Deep Stacked Auto-encoder for Big Data Classification Using Spark Architecture: Rider Chaotic Biography Optimization	INTERNATIONAL JOURNAL OF WEB SERVICES RESEARCH	2021	10.4018/ijwsr.2021070103	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
77	Kumar, A	Impact of selenium composition variation in CZTS solar cell	OPTIK	2021	10.1016/j.ijleo.2021.166421	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
78	Johnson, SA; Ananthakumaran, S	Smart Digital Forensic Framework for Crime Analysis and Prediction using AutoML	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
79	Harshitha, C; Asha, A; Pushkala, JLS; Anogini, RNS; Karthikeyan, C	Predicting the Stages of Diabetic Retinopathy using Deep Learning	PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON INVENTIVE COMPUTATION TECHNOLOGIES (ICICT 2021)	2021	10.1109/ICICT50816.2021.9358801	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
80	Kalangi, RR; Sundar, PS; Maloji, S; Ahammad, SH	A Hybrid IP Trace Back Mechanism To Pinpoint The Attacker	PROCEEDINGS OF THE 2021 FIFTH INTERNATIONAL CONFERENCE ON I-SMAC (IOT IN SOCIAL, MOBILE, ANALYTICS AND CLOUD) (I-SMAC 2021)	2021	10.1109/I-SMAC52330.2021.9640630	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
81	Bhavani, KS; Anusha, T; Kumar, JVS; Brahman, PK	Enhanced Electrocatalytic Activity of Methanol and Ethanol Oxidation in Alkaline Medium at Bimetallic Nanoparticles Electrochemically Decorated Fullerene-C60Nanocomposite Electrocatalyst: An Efficient Anode Material for Alcohol Fuel Cell Applications	ELECTROANALYSIS	2021	10.1002/elan.202060154	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

82	Jagan, BOL; Rao, SK; Jahan, K	Unscented Particle Filter Approach for Underwater Target Tracking	INTERNATIONAL JOURNAL OF E-COLLABORATION	2021	10.4018/IJeC.2021100103	Emerging Sources Citation Index (ESCI)	WOS Proof
83	Brahmane, AV; Krishna, BC	Big data classification using deep learning and apache spark architecture	NEURAL COMPUTING & APPLICATIONS	2021	10.1007/s00521-021-06145-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
84	Mallu, MR; Kotikalapudi, RCK; Vemparala, R; Aagarapu, C; Golamari, SR	Clinical and Therapeutic Significance of Various Heat Shock Proteins	INTERNATIONAL JOURNAL OF LIFE SCIENCE AND PHARMA RESEARCH	2021	10.22376/ijpbs/lpr.2021.11.4.L112-119	Emerging Sources Citation Index (ESCI)	WOS Proof
85	Das, S; Acharjya, B	Understanding Organisational Effectiveness Through Sustainable Human Relations Approach: The Role of Empowerment Climate in Selected Industrial Establishments	INTERNATIONAL JOURNAL OF SYSTEM DYNAMICS APPLICATIONS	2021	10.4018/IJSDA.2021040103	Emerging Sources Citation Index (ESCI)	WOS Proof
86	Paul, C; Bora, P	Detecting Hate Speech using Deep Learning Techniques	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
87	Tharapatla, G; RajKumari, P; Reddy, GVR	Effects of heat and mass transfer on MHD nonlinear free convection non-Newtonian fluids flow embedded in a thermally stratified porous medium	HEAT TRANSFER	2021	10.1002/htj.22037	Emerging Sources Citation Index (ESCI)	WOS Proof
88	Sasank, VVS; Venkateswarlu, S	Brain tumor classification using modified kernel based softplus extreme learning machine	MULTIMEDIA TOOLS AND APPLICATIONS	2021	10.1007/s11042-020-10423-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
89	Runthala, A	Probabilistic divergence of a template-based modelling methodology from the ideal protocol	JOURNAL OF MOLECULAR MODELING	2021	10.1007/s00894-020-04640-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
90	Joshitha, C; Kanakaraja, P; Kumar, KS; Akanksha, P; Satish, G	An eye on hydroponics: The IoT initiative	2021 7TH INTERNATIONAL CONFERENCE ON ELECTRICAL ENERGY SYSTEMS (ICEES)	2021	10.1109/ICEES51510.2021.9383694	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
91	Kumar, VP; Prakash, KB	Optimize the Cost of Resources in Federated Cloud by Collaborated Resource Provisioning and Most Cost-effective Collated Providers Resource First Algorithm	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
92	Sarada, N; Rao, KT	A Neural Network Architecture Using Separable Neural Networks for the Identification of Pneumonia in Digital Chest Radiographs	INTERNATIONAL JOURNAL OF E-COLLABORATION	2021	10.4018/IJeC.2021010106	Emerging Sources Citation Index (ESCI)	WOS Proof
93	Upadhyaya, BS; Reddy, GS; Reddy, MM; Adhikari, S; Rajkumar, SD; Babu, AN; Goud, VM; Sidhartha, C; Reddy, VN; Dhakate, D; Reddy, NK	Statistical Optimization of Temperature, Concentration, RPM and pH for the Surface Tension of Biosurfactant by Achromobacter Xylos GSR21	JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL	2021	10.9734/JPRI/2021/v33i331161	Emerging Sources Citation Index (ESCI)	WOS Proof
94	Funde, S; Swain, G	HORAM: Hybrid Oblivious Random Access Memory Scheme for Secure Path Hiding in Distributed Environment	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
95	Suneetha, M; Prasad, MVD; Kishore, PVV	Multi-view motion modelled deep attention networks (M2DA-Net) for video based sign language recognition	JOURNAL OF VISUAL COMMUNICATION AND IMAGE REPRESENTATION	2021	10.1016/j.jvcir.2021.103161	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
96	Kumar, A	Efficiency enhancement of CZTS solar cells using structural engineering	SUPERLATTICES AND MICROSTRUCTURES	2021	10.1016/j.spmi.2021.106872	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
97	Chakravorti, T; Addala, VK; Verma, JS	Detection and Classification of COVID 19 using Convolutional Neural Network from Chest X-ray Images	2021 6TH INTERNATIONAL CONFERENCE FOR CONVERGENCE IN TECHNOLOGY (I2CT)	2021	10.1109/I2CT51068.2021.9418221	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof

98	Shakeela, S; Shankar, NS; Reddy, PM; Tulasi, TK; Koneru, MM	Optimal Ensemble Learning Based on Distinctive Feature Selection by Univariate ANOVA-F Statistics for IDS	INTERNATIONAL JOURNAL OF ELECTRONICS AND TELECOMMUNICATIONS	2021	10.24425/ijet.2021.135975	Emerging Sources Citation Index (ESCI)	WOS Proof
99	Aravindhan, A; Lingeshwaran, N; Goutami, K	Bio-Gas production from different organic wastes	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.07.201	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
100	Rao, SK; Kumar, S	EFFECTS OF HYBRID FIBER-REINFORCED GEOPOLYMER CONCRETE STABILIZED WITH GYPSEOUS SOIL- EXPERIMENTAL AND SIMULATION APPROACH	SURFACE REVIEW AND LETTERS	2021	10.1142/S0218625X21500700	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
101	Divya, GN; Rao, SK	Application of Cubature Information Filter for Underwater Target Path Estimation	PERTANIKA JOURNAL OF SCIENCE AND TECHNOLOGY	2021	10.47836/pjst.29.3.07	Emerging Sources Citation Index (ESCI)	WOS Proof
102	Chaudhari, S; Swain, G	Efficient and Secure Group based Collusion Resistant Public Auditing Scheme for Cloud Storage	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
103	Appana, V; Guttikonda, TM; Shree, D; Bano, S; Kurra, H	Similarity Score of Two Images using Different Measures	PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON INVENTIVE COMPUTATION TECHNOLOGIES (ICICT 2021)	2021	10.1109/ICICT50816.2021.9358789	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
104	Noorullah, RM; Mohammed, M	Visualization and performance measure to determine number of topics in twitter data clustering using hybrid topic modeling	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2021	10.3233/JIFS-202707	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
105	Khadse, DB; Swain, G	Data Hiding Using Quotient Value Differencing and Remainder Value Substitution Avoiding Incorrect Extraction Problem	SENSING AND IMAGING	2021	10.1007/s11220-021-00360-4	Emerging Sources Citation Index (ESCI)	WOS Proof
106	Ganesh, GR; Sridhar, W	MHD radiative Casson-Nanofluid stream above a nonlinear extending surface including chemical reaction through Darcy-Forchheimer medium	HEAT TRANSFER	2021	10.1002/htj.22249	Emerging Sources Citation Index (ESCI)	WOS Proof
107	Kumer, SVA; Kanakaraja, P; Areez, S; Patnaik, Y; Kumar, PT	An implementation of virtual white board using open CV for virtual classes	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.02.544	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
108	Kadam, N; Sekhar, KR	Machine Learning Approach of Hybrid KSVN Algorithm to Detect DDoS Attack in VANET	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
109	Sonar, R; Swain, G	Steganography based on quotient value differencing and pixel value correlation	CAAI TRANSACTIONS ON INTELLIGENCE TECHNOLOGY	2021	10.1049/cit2.12050	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
110	Dabbakuti, JRKK	Modeling and optimization of ionospheric model coefficients based on adjusted spherical harmonics function	ACTA ASTRONAUTICA	2021	10.1016/j.actaastro.2021.02.024	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
111	Prajapati, C	Numerical study of spin-orbit interaction of light in nonparaxial of Gaussian beams	OPTIK	2021	10.1016/j.ijleo.2020.166199	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
112	Koli, SR; Rao, YVH	Study of low compression ratio on the performance of diesel engine in dual fuel operation with different flow rates of acetylene	FUEL	2021	10.1016/j.fuel.2020.118969	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
113	Ganesh, GV; Raavi, M	Implementation and comparison of Boolean logic for different Nano Scaling technologies	2021 5TH INTERNATIONAL CONFERENCE ON ELECTRICAL, ELECTRONICS, COMMUNICATION, COMPUTER TECHNOLOGIES AND OPTIMIZATION TECHNIQUES (ICEECOT)	2021	10.1109/ICEECOT52851.2021.9707983	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
114	Janvitha, K; Vasavi, CRS; Sruthi, A; Praharshitha, K; Anguraj, DK	Survey on Detection of Credit Card Frauds using Hmm and various Clustering Approaches	PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON INVENTIVE COMPUTATION TECHNOLOGIES (ICICT 2021)	2021	10.1109/ICICT50816.2021.9358773	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof

115	Joshitha, C; Kanakaraja, P; Bhavani, MD; Raman, YNV; Sravani, T	LoRaWAN based Cattle Monitoring Smart System	2021 7TH INTERNATIONAL CONFERENCE ON ELECTRICAL ENERGY SYSTEMS (ICEES)	2021	10.1109/ICEES51510.2021.9383749	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
116	Rao, KS; Srinath, A	Power Generation Through Renewable Energies - An Idea or Application in Passenger Trains	3RD INTERNATIONAL CONFERENCE ON ADVANCEMENTS IN AEROMECHANICAL MATERIALS FOR MANUFACTURING: ICAAMM-2020	2021	10.1063/5.0037303	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
117	Rani, NV; Kunta, R	p-TSA-catalyzed a simple and efficient one-pot eco-friendly synthesis of functionalized new isoxazolyl-4-hydroxyindole-3-carboxylate derivatives in aqueous medium	SYNTHETIC COMMUNICATIONS	2021	10.1080/00397911.2020.1825743	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC); Current Chemical Reactions (CCR-EXPANDED)	WOS Proof
118	Nagamalla, L; Kumar, JVS	In silico screening of FDA approved drugs on AXL kinase and validation for breast cancer cell line	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	2021	10.1080/07391102.2020.1742791	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
119	Balaraju, J; Rao, PVRDP	A Novel Node Management in Hadoop Cluster by Using DNA	INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY PROJECT MANAGEMENT	2021	10.4018/IJITPM.2021100104	Emerging Sources Citation Index (ESCI)	WOS Proof
120	Goud, NS; Mathur, A	Feature Engineering Framework to detect Phishing Websites using URL Analysis	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
121	Nagadasari, MP; Bojja, P	Industrial IoT enabled fuzzy logic based flame image processing for rotary kiln control	INTERNATIONAL JOURNAL OF PERVASIVE COMPUTING AND COMMUNICATIONS	2021	10.1108/IJPCC-10-2020-0161	Emerging Sources Citation Index (ESCI)	WOS Proof
122	Tej, DR; Kavya, CKS; Kotamraju, SK	An improved peak side lobe reduction method for linear array antenna for military applications	INTERNATIONAL JOURNAL OF INTELLIGENT COMPUTING AND CYBERNETICS	2021	10.1108/IJICC-09-2020-0127	Emerging Sources Citation Index (ESCI)	WOS Proof
123	Anusha, T; Bhavani, KS; Kumar, JVS; Brahman, PK	Synthesis and characterization of novel lanthanum nanoparticles-graphene quantum dots coupled with zeolitic imidazolate framework and its electrochemical sensing application towards vitamin D3 deficiency	COLLOIDS AND SURFACES A-PHYSICO-CHEMICAL AND ENGINEERING ASPECTS	2021	10.1016/j.colsurfa.2020.125854	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
124	Sreelakshmi, D; Inthiyaz, S	Fast and denoise feature extraction based ADMF-CNN with GBML framework for MRI brain image	INTERNATIONAL JOURNAL OF SPEECH TECHNOLOGY	2021	10.1007/s10772-020-09793-w	Emerging Sources Citation Index (ESCI)	WOS Proof
125	Chava, T; Srinivas, AT; Sai, AL; Rachapudi, V	IoT based Smart Shoe for the Blind	PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON INVENTIVE COMPUTATION TECHNOLOGIES (ICICT 2021)	2021	10.1109/ICICT50816.2021.9358759	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
126	Ganesh, GR; Sridhar, W	NUMERICAL APPROACH OF HEAT AND MASS TRANSFER OF MHD CASSON FLUID UNDER RADIATION OVER AN EXPONENTIALLY PERMEABLE STRETCHING SHEET WITH CHEMICAL REACTION AND HALL EFFECT	FRONTIERS IN HEAT AND MASS TRANSFER	2021	10.5098/hmt.16.5	Emerging Sources Citation Index (ESCI)	WOS Proof
127	Hanisha, R; Hemanth, PS; Sirisha, NR; Kiran, JS	Smart-Bot: An Innovative System Simplifying the Hectic Tasks in Cyclic Activities	PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON INVENTIVE COMPUTATION TECHNOLOGIES (ICICT 2021)	2021	10.1109/ICICT50816.2021.9358525	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
128	Kosanam, S; Pasupula, R	A Review on Cardioprotective Mechanism of Chemical Constituents of Medicinal Plants	JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL	2021	10.9734/JPRI/2021/v33i54A33723	Emerging Sources Citation Index (ESCI)	WOS Proof
129	Raju, LB; Rao, KS	Evaluation of Passive Islanding Detection Methods for Line to Ground Unsymmetrical Fault in Three Phase Microgrid Systems Microgrid Islanding Detection Method	ENGINEERING TECHNOLOGY & APPLIED SCIENCE RESEARCH	2021		Emerging Sources Citation Index (ESCI)	WOS Proof

130	Naik, KK	Improvement of wider bandwidth using dual e-shaped antenna for wireless communications in 5G applications	ANALOG INTEGRATED CIRCUITS AND SIGNAL PROCESSING	2021	10.1007/s10470-021-01919-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
131	Menon, MS; Rajarajeswari, P	A Novel Approach for Multi Variant Classification of Medical Data in Short Text	JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH	2021		Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
132	Ponnaluru, S; Penke, S	RETRACTED: Deep learning for estimating the channel in orthogonal frequency division multiplexing systems (Retracted Article)	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING	2021	10.1007/s12652-020-02010-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
133	Ambati, N; Immadi, G; Narayana, MV; Baredy, KR; Prapura, MS; Yanapu, J	Parametric Analysis of the Defected Ground Structure-Based Hairpin Band Pass Filter for VSAT System on Chip Applications	ENGINEERING TECHNOLOGY & APPLIED SCIENCE RESEARCH	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
134	Shinde, S; RajaRajeswari, P	Time Line Correlative Spectral Processing for Stratification of Blood Pressure using Adaptive Signal Conditioning	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
135	Sreelatha, K; Reddy, VK	Integrity and memory consumption aware electronic health record handling in cloud	CONCURRENT ENGINEERING-RESEARCH AND APPLICATIONS	2021	10.1177/1063293X211027869	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
136	Dudi, L; Jillellamudi, NV; Chanda, C; Kanuri, G	Assessment of Quality Parameters in Edible Vegetable Oils	INTERNATIONAL JOURNAL OF PHARMACEUTICAL INVESTIGATION	2021	10.5530/ijpi.2021.3.52	Emerging Sources Citation Index (ESCI)	WOS Proof
137	Nibigira, JD; Sivavaraprasad, G; Ratnam, DV	Performance analysis of IRI-2016 model TEC predictions over Northern and Southern Hemispheric IGS stations during descending phase of solar cycle 24	ACTA GEOPHYSICA	2021	10.1007/s11600-021-00618-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
138	Ruwali, A; Kumar, AJS; Prakash, KB; Sivavaraprasad, G; Ratnam, DV	Implementation of Hybrid Deep Learning Model (LSTM-CNN) for Ionospheric TEC Forecasting Using GPS Data	IEEE GEOSCIENCE AND REMOTE SENSING LETTERS	2021	10.1109/LGRS.2020.2992633	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
139	Usharani, A; Bhavana, D	Deep convolution neural network based approach for multispectral images	INTERNATIONAL JOURNAL OF SYSTEM ASSURANCE ENGINEERING AND MANAGEMENT	2021	10.1007/s13198-021-01133-8	Emerging Sources Citation Index (ESCI)	WOS Proof
140	Sailaja, BVS; Naik, KK	Design and analysis of compact antenna with cascaded elliptical patch for reconfigurability using RF switches at satellite applications	EUROPEAN PHYSICAL JOURNAL PLUS	2021	10.1140/epjp/s13360-021-01330-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
141	Rajanna, BV; Kumar, MK	Chopper-Based Control Circuit for BESS Integration in Solar PV Grids	ENERGIES	2021	10.3390/en14061530	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
142	Basha, SK; Shankar, TN	Fuzzy logic based forwarder selection for efficient data dissemination in VANETs	WIRELESS NETWORKS	2021	10.1007/s11276-021-02548-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
143	Sarkar, J	The mediating role of needs satisfaction on the relationship between total rewards satisfaction and retention: A proposed model	ORGANIZATSIONNAYA PSIKOLOGIYA	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
144	Goud, BS; Rao, BL; Reddy, CR	An intelligent technique for optimal power quality reinforcement in a grid-connected HRES system: EVORFA technique	INTERNATIONAL JOURNAL OF NUMERICAL MODELLING-ELECTRONIC NETWORKS DEVICES AND FIELDS	2021	10.1002/jnm.2833	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
145	Fernandes, B; Mannepalli, K	Enhanced Deep Hierarchical Long Short-Term Memory and Bidirectional Long Short-Term Memory for Tamil Emotional Speech Recognition using Data Augmentation and Spatial Features	PERTANIKA JOURNAL OF SCIENCE AND TECHNOLOGY	2021	10.47836/pjst.29.4.39	Emerging Sources Citation Index (ESCI)	WOS Proof
146	Srilakshmi, R; Bhaskar, MJ	An Adaptable Secure Scheme in Mobile Ad hoc Network to Protect the Communication Channel From Malicious Behaviours	INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY AND WEB ENGINEERING	2021	10.4018/IJITWE.2021070104	Emerging Sources Citation Index (ESCI)	WOS Proof
147	Arage, CS; Satyanarayana, KVV	Cluster based Certificate Blocking Scheme using Improved False Accusation Algorithm	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof

148	Venkatesan, K	Investigation on the performance and emissions profile of CI engine using cashew nut shell pyro oil-toluene-diesel blends	SN APPLIED SCIENCES	2021	10.1007/s42452-021-04580-x	Emerging Sources Citation Index (ESCI)	WOS Proof
149	Menon, MS; Pothuraju, R	An Efficient Privacy Preserving Approach for e-Health	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
150	Prajapati, C	Light refraction from a uniaxial crystal with arbitrary optic axis orientation using matrix representation	OPTIK	2021	10.1016/j.ijleo.2021.166656	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
151	Suresh, A; Diwakar, G	Optimization of process parameters in plasma arc cutting for TWIP steel plates	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.07.383	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
152	Kumer, SVA; Nadipalli, LSPS; Kanakaraja, P; Kumar, KS; Kavya, KCS	Controlling the autonomous vehicle using computer vision and cloud server	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.08.712	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
153	Bhavyasree, V; Yalla, P	Public Auditing To Provide Privacy Preservation Of Cloud Data Using Ring Signatures	PROCEEDINGS OF THE 2021 FIFTH INTERNATIONAL CONFERENCE ON I-SMAC (IOT IN SOCIAL, MOBILE, ANALYTICS AND CLOUD) (I-SMAC 2021)	2021	10.1109/I-SMAC52330.2021.9640805	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
154	Surekha, S; Rahman, MZU	An Intelligent cognitive sensing and detection strategy for medical telemetry networks	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2021	10.3233/JIFS-202673	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
155	Bhavani, KS; Anusha, T; Brahman, PK	Electrochemical synthesis of PdNPs@MnO ₂ -PPy nanocomposite and its electrocatalytic application towards glycerol oxidation	ELECTROCHIMICA ACTA	2021	10.1016/j.electacta.2021.139394	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
156	Poojitha, GN; Vinod, Y; Lingeshwaran, N	Seismic fragility analysis of multi span highway bridge based on probabilistic approach	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.05.518	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
157	Koli, SR; Rao, YVH	Combustion analysis of single cylinder diesel engine operated on dual fuel mode	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.03.389	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
158	Divya, GN; Rao, SK	Application of Sigma Point Particle Filter Method for Passive State Estimation in Underwater	DEFENCE SCIENCE JOURNAL	2021	10.14429/dsj.71.16284	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
159	Mooli, H; Seeram, SR; Goteti, S; Boggarapu, NR	Numerical Simulations and Experimental Validation on LBW Bead Profiles of Ti-6Al-4V Alloy	PERTANIKA JOURNAL OF SCIENCE AND TECHNOLOGY	2021	10.47836/pjst.29.3.32	Emerging Sources Citation Index (ESCI)	WOS Proof
160	Kalagotla, SK; Gangashetty, SV; Giridhar, K	A novel stacking technique for prediction of diabetes	COMPUTERS IN BIOLOGY AND MEDICINE	2021	10.1016/j.compbiomed.2021.104554	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
161	Sravanthi, K; Sundari, GS; Erothu, H	Development of bio-degradable based polymer electrolytes for EDLC application	OPTIK	2021	10.1016/j.ijleo.2020.166229	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
162	Satyanarayana, G; Narayana, KL; Rao, BN	Incorporation of Taguchi approach with CFD simulations on laser welding of spacer grid fuel rod assembly	MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS	2021	10.1016/j.mseb.2021.115182	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
163	Mooli, H; Seeram, SR; Goteti, S; Boggarapu, NR	Optimal weld bead profiles in the conduction mode LBW of thin Ti-6Al-4V alloy sheets	AIMS MATERIALS SCIENCE	2021	10.3934/matricsci.2021.042	Emerging Sources Citation Index (ESCI)	WOS Proof
164	Rooban, S; Nagesh, M; Prasanna, MVSL; Rayudu, K; Sai, GD	Implementation of 128-bit Radix-4 Booth Multiplier	2021 INTERNATIONAL CONFERENCE ON COMPUTER COMMUNICATION AND INFORMATICS (ICCCI)	2021	10.1109/ICCCI50826.2021.9457004	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
165	Kumer, SVA; Kanakaraja, P; Mounika, V; Abhishek, D; Reddy, BP	Environment water quality monitoring system	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.02.674	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
166	Santhosh, C; Kumer, SVA; Krishna, JG; Vaishnavi, M; Sairam, P; Kasulu, P	IoT based smart energy meter using GSM	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.02.641	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof

167	Jammalamadaka, K; Parveen, N	Testing coverage criteria for optimized deep belief network with search and rescue	JOURNAL OF BIG DATA	2021	10.1186/s40537-021-00453-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
168	Maddipati, SS; Srinivas, M	An Hybrid Approach for Cost Effective Prediction of Software Defects	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
169	Adilaxmi, M	Special Fitted Finite Difference Scheme for Delay Differential Equation With Dual Boundary Layers	COMMUNICATIONS IN MATHEMATICS AND APPLICATIONS	2021	10.26713/cma.v12i3.1486	Emerging Sources Citation Index (ESCI)	WOS Proof
170	Sowmya, KV; Sastry, JKR	PERFORMANCE OPTIMISATION WITHIN DEVICE LAYER OF IOT NETWORKS	JOURNAL OF ENGINEERING SCIENCE AND TECHNOLOGY	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
171	Rajaputra, SS; Nagalakshmi, P; Yerramilli, A; Mahesh, KN	Hydrothermally Reduced Graphene Oxide-Coated Carbon Cloth for Flexible Supercapacitors	JOURNAL OF ELECTROCHEMICAL ENERGY CONVERSION AND STORAGE	2021	10.1115/1.4051143	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
172	Gade, MSL; Rooban, S	Quantum-dot Cellular Automata circuits using an efficient design and performance analysis	SUSTAINABLE ENERGY TECHNOLOGIES AND ASSESSMENTS	2021	10.1016/j.seta.2021.101603	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
173	Rajesh, L; Satyanarayana, P	Detection and Blocking of Replay, False Command, and False Access Injection Commands in SCADA Systems with Modbus Protocol	SECURITY AND COMMUNICATION NETWORKS	2021	10.1155/2021/8887666	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
174	Peechara, RR; Sucharita, V	A chaos theory inspired, asynchronous two-way encryption mechanism for cloud computing	PEERJ COMPUTER SCIENCE	2021	10.7717/peerj-cs.628	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
175	Prajapati, C	Numerical study of spin-orbit interaction of light in nonparaxial focusing of Gaussian beams	OPTIK	2021		Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
176	Chaitanya, A; Rao, BK; Madhuri, PV	Accelerated mix proportioning of concrete incorporated with supplementary cementitious materials	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.05.302	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
177	Londhe, A; Rao, PVRDP	Aspect Based Sentiment Analysis - An Incremental Model Learning Approach Using LSTM-RNN	ADVANCES IN COMPUTING AND DATA SCIENCES, PT I	2021	10.1007/978-3-030-81462-5_59	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
178	Rajaputra, SS; Pennada, N; Yerramilli, A; Kummara, NM	Graphene based sulfonated polyvinyl alcohol hydrogel nanocomposite for flexible supercapacitors	JOURNAL OF ELECTROCHEMICAL SCIENCE AND ENGINEERING	2021	10.5599/jese.1031	Emerging Sources Citation Index (ESCI)	WOS Proof
179	Lakshmi, MK; Rao, SK; Subrahmanyam, K	Pervasive underwater passive target tracking for the computation of standard deviation solution in a 3D environment	INTERNATIONAL JOURNAL OF INTELLIGENT COMPUTING AND CYBERNETICS	2021	10.1108/IJICC-06-2021-0104	Emerging Sources Citation Index (ESCI)	WOS Proof
180	Kanakaraja, P; Agarwal, V; Harsha, KS; Jaswanth, N; Preethi, P	Smart BMS pilot project using LoRa networks	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.02.341	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
181	Chaudhari, S; Swain, G	Privacy Preserving Dynamic Provable Data Possession with Batch Update for Secure Cloud Storage	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
182	Bhandari, RR; Sekhar, KR	Priority-Mobility Aware Clustering Routing Algorithm for Lifetime Improvement of Dynamic Wireless Sensor Network	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
183	Sailaja, BVS; Naik, KK	Design and analysis of reconfigurable fractal antenna with RF-switches on a flexible substrate for X-band applications	ANALOG INTEGRATED CIRCUITS AND SIGNAL PROCESSING	2021	10.1007/s10470-020-01767-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
184	Reddy, MAK; Rao, VR; Chaitanya, KN; Khed, VC	Optimization of Bentocrete parameters using Response Surface Methodology (RSM)	AIMS MATERIALS SCIENCE	2021	10.3934/matrs.2021.015	Emerging Sources Citation Index (ESCI)	WOS Proof
185	Santhosh, C; Kumar, MR; Prasanna, JL; Kumar, IR; Kumar, UV; Sri, SN	Face Mask Detection Using LabView	INTERNATIONAL JOURNAL OF ONLINE AND BIOMEDICAL ENGINEERING	2021	10.3991/ijoe.v17i06.21995	Emerging Sources Citation Index (ESCI)	WOS Proof

186	Swarna, M; Gade, L; Rooban, S	Design of Fault Tolerant Multiplier Using Self checking adder and GDI Technique	2021 6TH INTERNATIONAL CONFERENCE FOR CONVERGENCE IN TECHNOLOGY (I2CT)	2021	10.1109/I2CT51068.2021.9417991	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
187	Chilakala, LR; Kishore, GN	Optimal deep belief network with opposition-based hybrid grasshopper and honeybee optimization algorithm for lung cancer classification: A DBNGHHB approach	INTERNATIONAL JOURNAL OF IMAGING SYSTEMS AND TECHNOLOGY	2021	10.1002/ima.22515	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
188	Naidu, AR; Bhavana, D	Infrared thermal imaging for automatic detection of diabetes using morphological processing	INTERNATIONAL JOURNAL OF SYSTEM ASSURANCE ENGINEERING AND MANAGEMENT	2021	10.1007/s13198-021-01294-6	Emerging Sources Citation Index (ESCI)	WOS Proof
189	Kumar, A	Theoretical analysis of CZTS/CZTSSe tandem solar cell	OPTICAL AND QUANTUM ELECTRONICS	2021	10.1007/s11082-021-03183-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
190	Gladys, T; Reddy, GVR	Soret-Dufour Mechanisms on the Thermal Loading of Cattaneo-Christov Theories on Magneto hydrodynamic (MHD) Casson Nanofluid Dynamics Over a Stretching Sheet	JOURNAL OF NANOFUIDS	2021	10.1166/jon.2023.1937	Emerging Sources Citation Index (ESCI)	WOS Proof
191	Dharmavarapu, P; Reddy, MBSS	Performance analysis of silane grafted nanosilica and aramid fibre-reinforced epoxy composite in dynamic loading and energy application	EMERGENT MATERIALS	2021	10.1007/s42247-021-00266-7	Emerging Sources Citation Index (ESCI)	WOS Proof
192	Narasamma, VL; Sreedevi, M	Twitter based Data Analysis in Natural Language Processing using a Novel Catboost Recurrent Neural Framework	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
193	Depa, N; Erothu, H	Design, synthesis, antibacterial evaluation and molecular docking studies of novel pyrazole/1,2,4-oxadiazole conjugate ester derivatives	MEDICINAL CHEMISTRY RESEARCH	2021	10.1007/s00044-021-02710-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
194	Avinash, P; Vamsi, BK; Srilakshmi, T; Kishore, PVV	Smart Control System for Smart City using IoT	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
195	Goud, BS; Rao, BL	Power Quality Enhancement in Grid-Connected PV/Wind/Battery Using UPQC: Atom Search Optimization	JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY	2021	10.1007/s42835-020-00644-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
196	Ganesan, T; Rajarajeswari, P	A novel genetic algorithm with 2D CDF 9/7 lifting discrete wavelet transform for total target coverage in WSNs deployment	INTERNATIONAL JOURNAL OF COMMUNICATION NETWORKS AND DISTRIBUTED SYSTEMS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
197	Reddy, BK; Bano, S; Reddy, GG; Kommineni, R; Reddy, PY	Convolutional Network based Animal Recognition using YOLO and Darknet	PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON INVENTIVE COMPUTATION TECHNOLOGIES (ICICT 2021)	2021	10.1109/ICICT50816.2021.9358620	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
198	Nagendra, NA; Pappula, L	Evolution of conformal antenna design with the aid of probability improved crow search algorithm	DATA TECHNOLOGIES AND APPLICATIONS	2021	10.1108/DTA-12-2019-0240	Science Citation Index Expanded (SCI-EXPANDED); Social Science Citation Index (SSCI)	WOS Proof
199	Gogu, LB; Kumer, SVA	Multifocus image fusion using te-cnn technique	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.02.609	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
200	Mohan, KK; Prasad, CR; Kishore, PVV	YOLO V2 WITH BIFOLD SKIP: A DEEP LEARNING MODEL FOR VIDEO BASED REAL TIME TRAIN BOGIE PART IDENTIFICATION AND DEFECT DETECTION	JOURNAL OF ENGINEERING SCIENCE AND TECHNOLOGY	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
201	Chawla, RK; Rao, GSNK; Kulandaivelu, U; Panda, SP; Alavala, RR	A Selective and Sensitive Method Development and Validation of 1,1-Dimethyl-3-Hydroxy-Pyrrolidinium Bromide Impurity in Glycopyrrolate Oral Solution by Liquid Chromatography-Tandem Mass Spectroscopy	JOURNAL OF CHROMATOGRAPHIC SCIENCE	2021	10.1093/chromsci/bmab003	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

202	Rao, MV; Malladi, S	Secure Intruder Information Sharing in Wireless Sensor Network for Attack Resilient Routing	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
203	Kiran, CRS; Naveen, C; Kumar, DA; Saiteja, T; Karthikeyan, C	Prediction of Epidemic Outbreak using Deep Learning Methods	PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON INVENTIVE COMPUTATION TECHNOLOGIES (ICICT 2021)	2021	10.1109/ICICT50816.2021.9358710	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
204	Motaparathi, N; Malligunta, KK	Seven-Level Symmetrical Series/Parallel Multilevel Inverter with PWM Technique Using Digital Logic	INTERNATIONAL JOURNAL OF ELECTRICAL AND COMPUTER ENGINEERING SYSTEMS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
205	Praghash, K; Dhathri, E; Arunmetha, S; Reddy, NM; Kanakaraja, P; Gurujju, S	Design and Implementation of IoT based Smart Streetlights Systems	PROCEEDINGS OF THE 2021 FIFTH INTERNATIONAL CONFERENCE ON I-SMAC (IOT IN SOCIAL, MOBILE, ANALYTICS AND CLOUD) (I-SMAC 2021)	2021	10.1109/I-SMAC52330.2021.9640776	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
206	Shankar, TN; Rakesh, P; Rao, TB; Bharadwaj, LH; Ch, R; Madhuri, ML	Providing Security to Land Record with the computation of Iris, Blockchain, and One Time Password	2021 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION, AND INTELLIGENT SYSTEMS (ICCCIS)	2021	10.1109/ICCCIS51004.2021.9397176	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
207	Sonti, SR; Prasad, MSG	Deep belief network with FOA-based cooperative spectrum sensing in cognitive radio network	INTERNATIONAL JOURNAL OF COMMUNICATION NETWORKS AND DISTRIBUTED SYSTEMS	2021	10.1504/IJCND.2021.18128	Emerging Sources Citation Index (ESCI)	WOS Proof
208	Kollu, A; Sucharita, V	Energy efficiency in cloud data centres using parallel hybrid Jaya algorithm	INTERNATIONAL JOURNAL OF PERVASIVE COMPUTING AND COMMUNICATIONS	2021	10.1108/IJPCC-09-2020-0137	Emerging Sources Citation Index (ESCI)	WOS Proof
209	Vishnu, AV; Babu, SS	Mathematical Modeling and Multi Response Optimization for Improving Machinability of Alloy Steel using RSM, Grey Relational Analysis and Jaya Algorithm	INTERNATIONAL JOURNAL OF ENGINEERING	2021	10.5829/ije.2021.34.09C.13	Emerging Sources Citation Index (ESCI)	WOS Proof
210	Choragudi, SF; Sibin, N; Sree, MKP; Saleem, G; Babu, KP; Arun, CH	A Comparative Study on Isolation and Characterization of Lecithin from Gallus gallus and Gallus gallus Domesticus Using Analytical Methods	JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL	2021	10.9734/JPRI/2021/v33i45A32729	Emerging Sources Citation Index (ESCI)	WOS Proof
211	Rahman, MZU; Kanchi, MK; Pasha, MAA; Yadla, BK	Design and Development of Autonomous Warehouse Management Robot with Intelligent Software Framework	2021 IEEE INTERNATIONAL CONFERENCE ON MOBILE NETWORKS AND WIRELESS COMMUNICATIONS (ICMNWC)	2021	10.1109/ICMNWC52512.2021.9688354	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
212	Shaik, AA; Mareedu, VDP; Polurie, VVK	Learning multiview deep features from skeletal sign language videos for recognition	TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES	2021	10.3906/elk-2005-57	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
213	Somase, KP; Imambi, SS	Develop and implement unsupervised learning through hybrid FFPA clustering in large-scale datasets	SOFT COMPUTING	2021	10.1007/s00500-020-05140-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
214	Ambati, N; Immadi, G; Narayana, MV; Baredy, KR; Prapurna, MS; Yanapu, J	Parametric Analysis of the Defected Ground Structure-Based Hairpin Band Pass Filter for VSAT System on Chip Applications	ENGINEERING TECHNOLOGY & APPLIED SCIENCE RESEARCH	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
215	Mane, SU; Rao, MRN	A non-dominated sorting based evolutionary algorithm for many-objective optimization problems	SCIENTIA IRANICA	2021	10.24200/sci.2021.53026.3017	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
216	Levi, KP; Raut, A	Embodied energy analysis to understand environmental impact of brick industry in West Godavari region	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.06.061	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
217	Kumar, KH; Srinivas, K	Preliminary performance study of a brief review on machine learning techniques for analogy based software effort estimation	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING	2021	10.1007/s12652-021-03427-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

218	Kanakaraja, P; Kumer, SVA; Kotamraju, SK; Lakshmi, MJ; Irfan, S; Lekha, UC	Environment quality monitoring system based on cloud computing analysis	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.02.332	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
219	Kanakaraja, P; Sundar, PS; Vaishnavi, N; Reddy, SGK; Manikanta, GS	IoT enabled advanced forest fire detecting and monitoring on Ubidots platform	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.02.343	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
220	Kanakaraja, P; Nadipalli, LSPS; Kumar, SVA; Kumar, KS; Kavya, KCS	An implementation of advanced IoT in the car parking system	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.09.042	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
221	Shameem, S; Sony, K; Kalivaraprasad, B; Babu, KR; Bollaram, S; Pullela, BD	Design of MEMS Model to Analyse Pressure and Hygroscopic Swelling Variables for EMC (Epoxy Mold Compound)	2021 IEEE INTERNATIONAL CONFERENCE ON MOBILE NETWORKS AND WIRELESS COMMUNICATIONS (ICMNWC)	2021	10.1109/ICMNWC52512.2021.9688409	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
222	Mubeena, S; Annapareddy, G; Meghana, N; Sarma, M	Crystallographic and spectroscopic analysis of 9,10-bis-alkyl imidazolium anthracene hexatungstate supramolecular complexes	JOURNAL OF MOLECULAR STRUCTURE	2021	10.1016/j.molstruc.2021.130876	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
223	Rao, MV; Malladi, S	Improving Packet Delivery Ratio in Wireless Sensor Network with Multi Factor Strategies	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
224	Prajapati, C	Study of electric field vector, angular momentum conservation and Poynting vector of nonparaxial beams	JOURNAL OF OPTICS	2021	10.1088/2040-8986/abe1cc	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
225	Abhigna, MSR; Sridhar, M; Harsha, PBS; Krishna, KS; Ratnam, DV	Broadcast ionospheric delay correction algorithm using reduced order adjusted spherical harmonics function for single-frequency GNSS receivers	ACTA GEOPHYSICA	2021	10.1007/s11600-020-00515-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
226	Gorla, US; Rao, GK; Kulandaivelu, US; Alavala, RR; Panda, SP	Lead Finding from Selected Flavonoids with Antiviral (SARS-CoV-2) Potentials Against COVID-19: An In-silico Evaluation	COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING	2021	10.2174/1386207323999200818162706	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
227	Kesana, S; Babu, PSS; Shameem, S	Design of Quad-Band Antenna of 3.8 GHz range for Wi-Max Applications	2021 IEEE INTERNATIONAL CONFERENCE ON MOBILE NETWORKS AND WIRELESS COMMUNICATIONS (ICMNWC)	2021	10.1109/ICMNWC52512.2021.9688371	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
228	Rao, DS; Govardhani, I	A Triple Band-Notched UWB Antenna for Microwave Imaging Applications	2021 INTERNATIONAL CONFERENCE ON COMPUTER COMMUNICATION AND INFORMATICS (ICCCI)	2021	10.1109/ICCCI50826.2021.9402436	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
229	Shukla, VVK; Tanmisha, M; Aluru, R; Nagisetty, B; Tumuluru, P	Lung Nodule Detection through CT Scan Images and DNN Models	PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON INVENTIVE COMPUTATION TECHNOLOGIES (ICICT 2021)	2021	10.1109/ICICT50816.2021.9358545	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
230	Sundari, MS; Nayak, RK	Efficient Tracing and Detection of Activity Deviation in Event Log Using ProM in Health Care Industry	PROCEEDINGS OF THE 2021 FIFTH INTERNATIONAL CONFERENCE ON I-SMAC (IOT IN SOCIAL, MOBILE, ANALYTICS AND CLOUD) (I-SMAC 2021)	2021	10.1109/I-SMAC52330.2021.9640793	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
231	Dharmavarapu, P; Reddy, MBSS	Mechanical, Low Velocity Impact, Fatigue and Tribology Behaviour of Silane Grafted Aramid Fibre and Nano-silica Toughened Epoxy Composite	SILICON	2021	10.1007/s12633-020-00567-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
232	Mohan, CL; Kavya, KCS; Kotamraju, SK	Design, and Analysis of Capacitive Shunt RF MEMS Switch for Reconfigurable Antenna	TRANSACTIONS ON ELECTRICAL AND ELECTRONIC MATERIALS	2021	10.1007/s42341-020-00212-0	Emerging Sources Citation Index (ESCI)	WOS Proof
233	Kumer, SVA; Kanakaraja, P; Teja, AP; Sree, TH; Tejaswini, T	Smart home automation using IFTTT and google assistant	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.02.610	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof

234	Rahman, MZU; Haneesh, AC; Reddy, BSS; Surekha, S; Srinivasareddy, P	Cloud Based Exon Prediction Using Maximum Error Normalized Logarithmic Algorithms	ADVANCES IN COMPUTING AND DATA SCIENCES, PT I	2021	10.1007/978-3-030-81462-5_60	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
235	Reddy, GK; Reddy, VN; Phavethra, S; Bhavani, A; Vineeth, AJ; Reddy, AVVS	In-silico ADME and Docking-based Virtual Screening Study Aiming at the Sigma-Covalent Inhibition of SARS-CoV-2 RdRp	JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL	2021	10.9734/JPRI/2021/v33i54B33795	Emerging Sources Citation Index (ESCI)	WOS Proof
236	Kedar, SA; Murali, G; Bewoor, AK	Effective Hybrid Solar Groundwater Desalination in Rural Areas	INTERNATIONAL TRANSACTION JOURNAL OF ENGINEERING MANAGEMENT & APPLIED SCIENCES & TECHNOLOGIES	2021	10.14456/ITJEMAST.2021.55	Emerging Sources Citation Index (ESCI)	WOS Proof
237	Satyanarayana, M; Lingeshwaran, N	An experimental study on heat insulaion panels & Brick walls	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.06.337	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
238	Reddy, YP; Narayana, KL; Mallik, MK; Basha, SJ	Prediction about the Influence of Nano Graphene Particles on Tribological Properties of Steel Under Dry and Wet Conditions	THIRD INTERNATIONAL CONFERENCE ON MATERIAL SCIENCE, SMART STRUCTURES AND APPLICATIONS (ICMSS 2020)	2021	10.1063/5.0039455	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
239	Siragam, S; Dubey, RS; Pappula, L	Analysis of dielectric properties of zinc aluminum silicate based ceramic nanoparticles	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.11.790	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
240	Kumar, MJ; Rao, BS; Sai, NR; Kumar, SS	Using QRE-based Game Model for better IDS	PROCEEDINGS OF THE 2021 FIFTH INTERNATIONAL CONFERENCE ON I-SMAC (IOT IN SOCIAL, MOBILE, ANALYTICS AND CLOUD) (I-SMAC 2021)	2021	10.1109/I-SMAC52330.2021.9641035	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
241	Palvai, H; Das, TV; Reddy, KRK; Borusu, V	Modelling and design analysis of light gauge steel systems against conventional structural systems	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.05.505	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
242	Siragam, S; Dubey, RS; Pappula, L	Investigation of structural, chemical, morphological and dielectric properties of sol-gel derived ZnAl2O4 nanoparticles	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.09.629	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
243	Kumar, UP; Rao, GSNK; Reddy, AR; Umasankar, K; Vangoori, Y	Protective effect of Acampe praemorsa (Roxb.) Blatt. & McCann against oxidative stress	PLANT SCIENCE TODAY	2021	10.14719/pst.2021.8.3.1207	Emerging Sources Citation Index (ESCI)	WOS Proof
244	Ch, SSC; Konijeti, R; Dasore, A; Rajak, U	Numerical analysis of thermal energy storage systems using novel composite phase change materials	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.06.250	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
245	Pyla, RK; Dabbakuti, JRKK	Evaluation of Ionospheric Delays Based on Orthogonal Dimensionality Reduction Approach	ACTA ASTRONAUTICA	2021	10.1016/j.actaastro.2020.10.043	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
246	Prasad, KR; Mohammed, M; Noorullah, RM	Visual topic models for healthcare data clustering (vol 14, pg 545, 2021)	EVOLUTIONARY INTELLIGENCE	2021	10.1007/s12065-019-00323-5	Emerging Sources Citation Index (ESCI)	WOS Proof
247	Lavuri, NR; Immadi, G; Narayana, MV	A compact hybrid dielectric resonator antenna for multiband in wireless applications	INTERNATIONAL JOURNAL OF SPEECH TECHNOLOGY	2021	10.1007/s10772-021-09841-z	Emerging Sources Citation Index (ESCI)	WOS Proof
248	Kamani, VG; Sujatha, M; Daddala, GB	Development and validation of a novel stability indicating HPLC method for the separation and determination of darolutamide and its impurities in pharmaceutical formulations	BULLETIN OF THE UNIVERSITY OF KARAGANDA-CHEMISTRY	2021	10.31489/2021Ch4/57-68	Emerging Sources Citation Index (ESCI)	WOS Proof
249	Allam, V; Madhav, BTP; Gopi, D; Vinay, KP	NodeMCU controlled tortoise-shaped bandwidth reconfigurable antenna for 4G and 5G applications	JOURNAL OF INSTRUMENTATION	2021	10.1088/1748-0221/16/12/P12004	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
250	Nyemeesha, V; Ismail, BM	Implementation of noise and hair removals from dermoscopy images using hybrid Gaussian filter	NETWORK MODELING AND ANALYSIS IN HEALTH INFORMATICS AND BIOINFORMATICS	2021	10.1007/s13721-021-00318-2	Emerging Sources Citation Index (ESCI)	WOS Proof
251	Sahu, A; Kolar, P; Nahatkar, S; Vani, GK	Cost and Profitability of Wheat in the Major Wheat Producing States of India	INDIAN JOURNAL OF ECONOMICS AND DEVELOPMENT	2021	10.35716/IJED/20300	Emerging Sources Citation Index (ESCI)	WOS Proof

252	Pragathi, B; Poonia, RC; Polaiiah, B; Nayak, DK	Evaluation and Analysis of Soft Computing Techniques for Grid Connected Photo Voltaic System to Enhance Power Quality Issues	JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY	2021	10.1007/s42835-021-00720-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
253	Ganta, NSD; Mittal, VK	ENHANCING SPEECH IN NOISY ENVIRONMENT: A REVIEW	2021 IEEE REGION 10 SYMPOSIUM (TENSYP)	2021	10.1109/TENSYP52854.2021.9550835	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
254	Joshi, SP; Poluraju, P; Singh, UK	ANALYSIS OF DOWEL ACTION IN REINFORCED CONCRETE BEAMS WITH SHEAR REINFORCEMENT	CIVIL AND ENVIRONMENTAL ENGINEERING	2021	10.2478/cee-2021-0064	Emerging Sources Citation Index (ESCI)	WOS Proof
255	Bharadwaja, K; Rao, SS; Rao, TB	Investigation of hardness & tribology behavior of Epoxy and Sio2 composite: An experimental study	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.12.653	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
256	Lavanya, P; Satyanarayana, P; Mohatram, M	RETRACTED: Peak to average power ratio reduction of ZT DFT-s-OFDM signals using improved monarch butterfly optimization-PTS scheme (Retracted Article)	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING	2021	10.1007/s12652-020-01940-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
257	Baburao, D; Pavankumar, T; Prabhu, CSR	Load balancing in the fog nodes using particle swarm optimization-based enhanced dynamic resource allocation method	APPLIED NANOSCIENCE	2021	10.1007/s13204-021-01970-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
258	Bokam, YK; Guntupalli, C; Gudhanti, SNKR; Manne, R; Alavala, RR; Alla, NR	Importance of Pharmacists as a Front Line Warrior in Improving Medication Compliance in Covid-19 Patients	INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES	2021	10.36468/pharmaceutical-sciences.788	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
259	Lakshmi, GV; Gogulamudi, S; Nagaeswari, B; Reehana, S	BlockChain Based Inventory Management by QR Code Using Open CV	2021 INTERNATIONAL CONFERENCE ON COMPUTER COMMUNICATION AND INFORMATICS (ICCCI)	2021	10.1109/ICCCI50826.2021.9402666	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
260	Prasad, KR; Mohammed, M; Noorullah, RM	Visual topic models for healthcare data clustering	EVOLUTIONARY INTELLIGENCE	2021	10.1007/s12065-019-00300-y	Emerging Sources Citation Index (ESCI)	WOS Proof
261	Akalu, M; Murthy, B; Abayeneh, T; Gelaye, E	Major bacterial pathogens of bovine respiratory disease and lung lesions in calves from selected areas of Ethiopia	THAI JOURNAL OF VETERINARY MEDICINE	2021	10.14456/tjvm.2021.61	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
262	Mulay, BN; Reddy, KR	STUDY OF BIOFILTER PLANTED WITH BASIL FOR REMOVAL OF AMMONIA IN AQUAPONIC WATER	CIVIL AND ENVIRONMENTAL ENGINEERING	2021	10.2478/cee-2021-0025	Emerging Sources Citation Index (ESCI)	WOS Proof
263	Santoshi, KU; Bhavya, SS; Sri, YB; Venkateswarlu, B	Twitter Spam Detection Using Naive Bayes Classifier	PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON INVENTIVE COMPUTATION TECHNOLOGIES (ICICT 2021)	2021	10.1109/ICICT50816.2021.9358579	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
264	Madhu, KS; Reddy, BC; Damarukanadhan, C; Polireddy, M; Ravinder, N	Real Time Sentimental Analysis on Twitter	PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON INVENTIVE COMPUTATION TECHNOLOGIES (ICICT 2021)	2021	10.1109/ICICT50816.2021.9358772	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
265	Lavanya, P; Satyanarayana, P; Mohatram, M	RETRACTED: Peak to average power ratio reduction of ZT DFT-S-OFDM signals using hybrid improved monarch butterfly optimization-PTS scheme with TR-clipping scheme (Retracted article. See vol. 35, 2022)	INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS	2021	10.1002/dac.4858	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
266	Prasad, CR; Bojja, P	A non-linear mathematical model-based routing protocol for WBAN-based health-care systems	INTERNATIONAL JOURNAL OF PERVASIVE COMPUTING AND COMMUNICATIONS	2021	10.1108/IJPCC-09-2020-0138	Emerging Sources Citation Index (ESCI)	WOS Proof
267	Surekha, S; Mantravadi, N; Mirza, SS; Rahman, MZU	Energy Detection in Cognitive Radio applications using Logarithmic Square Adaptive Learning	2021 IEEE INTERNATIONAL CONFERENCE ON MOBILE NETWORKS AND WIRELESS COMMUNICATIONS (ICMNBC)	2021	10.1109/ICMNBC52512.2021.9688448	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof

268	Rao, KB; Motukuri, SRK; Kumar, KA; Babu, CHVNP; Pathak, V	Pearl Millet Blast Pathogen Virulence Study and Identification of Resistance Donors on Virulent Isolate	JOURNAL OF PURE AND APPLIED MICROBIOLOGY	2021	10.22207/JPAM.15.2.27	Emerging Sources Citation Index (ESCI)	WOS Proof
269	Bharadwaja, K; Rao, SS; Rao, TB	Investigation of tensile and flexural behavior of epoxy and SiO2 composite: An experimental study	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.11.514	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
270	Srilekha, G; Pardhasaradhi, P; Madhav, BTP; Rao, MRN	Effect of ZnO nanoparticles on optical textures and image analysis properties of 70.05 liquid crystalline compound	ZEITSCHRIFT FUR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES	2021	10.1515/zna-2020-0302	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
271	Subhani, S; Tanguturi, RC; Ghali, VS	Chirp Z Transform Based Barker Coded Thermal Wave Imaging for the Characterization of Fiber Reinforced Polymers	RUSSIAN JOURNAL OF NONDESTRUCTIVE TESTING	2021	10.1134/S1061830921070123	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
272	Sai, NR; Cherukuri, T; Susmita, B; Keerthana, R; Anjali, Y	Encrypted Negative Password Identification Exploitation RSA Rule	PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON INVENTIVE COMPUTATION TECHNOLOGIES (ICICT 2021)	2021	10.1109/ICICT50816.2021.9358713	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
273	Nallamothe, J; Motukuri, SRK; Uppluri, LS; Ponnampati, S	Comparative expression profiling reveals the role of the hot pepper apoplast under drought conditions	BIOLOGIA	2021	10.2478/s11756-020-00579-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
274	Teja, NR; Arunmetha, S; Bachu, S	An efficient field programmable gate array based hardware architecture for efficient motion estimation with parallel implemented genetic algorithm	CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE	2021	10.1002/cpe.6459	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
275	Chapala, V; Bojja, P	IoT based lung cancer detection using machine learning and cuckoo search optimization	INTERNATIONAL JOURNAL OF PERVASIVE COMPUTING AND COMMUNICATIONS	2021	10.1108/IJPCC-10-2020-0160	Emerging Sources Citation Index (ESCI)	WOS Proof
276	Nyemeesha, V; Ismail, BM	Method to Enhance Classification of Skin Cancer Using Back Propagated Artificial Neural Network	APPLIED INTELLIGENCE AND INFORMATICS, All 2021	2021	10.1007/978-3-030-82269-9_9	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
277	Inthiyaz, S; Nalli, R; Rakesh, T; Subbarao, K; Ahammad, SH; Rajesh, V	GA based PID controller: Design and Optimization	PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON INVENTIVE COMPUTATION TECHNOLOGIES (ICICT 2021)	2021	10.1109/ICICT50816.2021.9358640	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
278	Rao, LN; Immadi, G; Narayana, MV	Design of Tri-Band Hybrid Dielectric Resonator Antenna for Wireless Applications	PROGRESS IN ELECTROMAGNETICS RESEARCH LETTERS	2021	10.2528/PIERL21032516	Emerging Sources Citation Index (ESCI)	WOS Proof
279	Jadhav, AD; Pellakuri, V	Highly accurate and efficient two phase-intrusion detection system (TP-IDS) using distributed processing of HADOOP and machine learning techniques	JOURNAL OF BIG DATA	2021	10.1186/s40537-021-00521-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
280	Srikkanth, GR; Kumar, KIP	Critical Review of Offences Under Legal Metrology Act 2009: With Special Reference to Proposed Decriminalisation of the Offences	MAPAN-JOURNAL OF METROLOGY SOCIETY OF INDIA	2021	10.1007/s12647-021-00491-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
281	Moturi, S; Rao, SNT; Vemuru, S	Grey wolf assisted dragonfly-based weighted rule generation for predicting heart disease and breast cancer	COMPUTERIZED MEDICAL IMAGING AND GRAPHICS	2021	10.1016/j.compmedimag.2021.101936	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
282	Madhu, M; Rao, AV; Mutyala, S	La and Ni Co-doping Effect in LiMn2O4 on Structural and Electrochemical Properties for Lithium-Ion Batteries	JOURNAL OF ELECTRONIC MATERIALS	2021	10.1007/s11664-021-09037-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
283	Murali, A; Kakarla, HK; Priyadarshini, GMA	Improved design debugging architecture using low power serial communication protocols for signal processing applications	INTERNATIONAL JOURNAL OF SPEECH TECHNOLOGY	2021	10.1007/s10772-020-09784-x	Emerging Sources Citation Index (ESCI)	WOS Proof
284	Rambabu, K; Venkatram, N	Ensemble classification using traffic flow metrics to predict distributed denial of service scope in the Internet of Things (IoT) networks	COMPUTERS & ELECTRICAL ENGINEERING	2021	10.1016/j.compeleceng.2021.107444	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

285	Reddy, SR; Murali, G; Shaik, AA; Raju, VD; Reddy, MBSS	Experimental evaluation of diesel engine powered with waste mango seed biodiesel at different injection timings and EGR rates	FUEL	2021	10.1016/j.fuel.2020.119047	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
286	Ayyalappagari, S; Bhogapurapu, VAR	Stability criteria for nonlinear Volterra integro-dynamic matrix Sylvester systems on measure chains	ADVANCES IN DIFFERENCE EQUATIONS	2021	10.1186/s13662-021-03665-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
287	Choragudi, SF; NavyaYanamandra, KS; Kethineni, C; Thokala, S	Analytical Procedure for determination and statistical validation of novel drug Mafenide acetate in pharmaceutical formulations	INTERNATIONAL JOURNAL OF LIFE SCIENCE AND PHARMA RESEARCH	2021	10.22376/ijpbs/lpr.2021.11.5.P21-29	Emerging Sources Citation Index (ESCI)	WOS Proof
288	Murali, G; Sravya, GSN; Jaya, J; Vamsi, VN	A review on hybrid thermal management of battery packs and it's cooling performance by enhanced PCM	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	2021	10.1016/j.rser.2021.111513	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
289	Bhavana, D; Kumar, KK; Tej, DR	Infrared and visible image fusion using latent low rank technique for surveillance applications	INTERNATIONAL JOURNAL OF SPEECH TECHNOLOGY	2021	10.1007/s10772-021-09822-2	Emerging Sources Citation Index (ESCI)	WOS Proof
290	Kazi, AM; Devika, D; Waddar, S; Ramasastry, DVA	Characterization of Roselle fiber composites for low load bearing structures	POLYMER COMPOSITES	2021	10.1002/pc.26004	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
291	Kamani, V; Sujatha, M; Rao, GSNK; Kumar, NV	Stability Indicating RP-HPLC Method for the Analysis of Dacomitinib and its Related Impurities in Bulk and Oral Solid Dosage Formulations	JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL	2021	10.9734/JPRI/2021/v33i40B32278	Emerging Sources Citation Index (ESCI)	WOS Proof
292	Badugu, DM; Sunithamani, S; Shaik, JB; Vobulapuram, RK	Design of hardened flip-flop using Schmitt trigger-based SEM latch in CNTFET technology	CIRCUIT WORLD	2021	10.1108/CW-10-2019-0141	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
293	Suresh, G; Srinivasan, T; Bernard, SS; Vivek, S; Akash, RM; Baradhan, G; Anand, B	Analyzing the mechanical behavior of IPN composite drive shaft with E-glass fiber reinforcement	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.03.198	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
294	Naik, KK; Suman, M; Rao, EVK	Design of complementary split ring resonators on elliptical patch antenna with enhanced gain for terahertz applications	OPTIK	2021	10.1016/j.ijleo.2021.167434	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
295	Reddy, YP; Narayana, KL; Mallik, MK	Prediction of influence of Co-Cr-Mo alloy coating on the wear rate of aluminium with HCl solution	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.12.956	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
296	Reddy, SS; Prasad, MSG	Improved Whale Optimization Algorithm and Convolutional neural network based Cooperative Spectrum Sensing in Cognitive Radio Networks	INFORMATION SECURITY JOURNAL	2021	10.1080/19393555.2020.1825882	Emerging Sources Citation Index (ESCI)	WOS Proof
297	Jagadale, V; Padhi, SN	Fabrication and torsional strength evaluation of a glass fiber epoxy composite shaft	INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES	2021		Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
298	Reddy, KV; Reddy, GVR; Krishna, YH	Effects of Cattaneo-Christov heat flux analysis on heat and mass transport of Casson nanoliquid past an accelerating penetrable plate with thermal radiation and Soret-Dufour mechanism	HEAT TRANSFER	2021	10.1002/htj.22036	Emerging Sources Citation Index (ESCI)	WOS Proof
299	Rao, KR; Jagadesh, BN	Design and Implementation of Dynamic Packet Scheduling with Waiting Time Aware: DPSW2A	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
300	Haq, SS; Lenine, D; Lalitha, SVN	Performance Enhancement of UPQC Using Takagi-Sugeno Fuzzy Logic Controller	INTERNATIONAL JOURNAL OF FUZZY SYSTEMS	2021	10.1007/s40815-021-01095-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
301	Danthala, S; Rao, SS; Rao, BN; Mannepalli, K	Multi-objective optimization with modified Taguchi approach to specify optimal robot spray painting process parameters	INTERNATIONAL JOURNAL OF NONLINEAR ANALYSIS AND APPLICATIONS	2021	10.22075/IJNAA.2021.5193	Emerging Sources Citation Index (ESCI)	WOS Proof
302	Suman, M; Deepika, S; Priya, SJS; Prasanth, M	Design of Dual Band Antenna with Asymmetric Microstrip-fed Dual U-shaped for Wireless Applications	ICSPC'21: 2021 3RD INTERNATIONAL CONFERENCE ON SIGNAL PROCESSING AND COMMUNICATION (ICPSC)	2021	10.1109/ICSPC51351.2021.9451727	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof

303	Bandaru, N; Prasanth, PDSNBK; Reddy, AR; Rao, GSNK; Nemmani, KVS; Rao, AN	In-silico Molecular Docking Studies of some Isolated Phytochemicals from Biophytum veldkampii against Cyclooxygenase-II Enzyme and in vivo Anti-inflammatory Activity	PHARMACOGNOSY RESEARCH	2021	10.5530/pres.13.4.11	Emerging Sources Citation Index (ESCI)	WOS Proof
304	Reddy, GS; Himavarshini, K; Prasanna, AD; Harini, S; Nikitha, NS; Sphoorthi, GN; Bhuvaneswari, M	Statistical Approach to Optimize Production of Biosurfactant by Achromobacter Xylos	INTERNATIONAL JOURNAL OF LIFE SCIENCE AND PHARMA RESEARCH	2021	10.22376/ijpbs/lpr.2021.11.4.L104-111	Emerging Sources Citation Index (ESCI)	WOS Proof
305	Bernard, SS; Suresh, G; Srinivasan, T; Srinivasan, S; Kaarmugilan, N; Naveed, LM; Kiranmouli, N; Mahalakshmi, CS	Analyzing the mechanical behaviour of sisal fiber reinforced IPN matrix	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.02.331	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
306	Chhipa, MK; Madhav, BTP; Suthar, B	An all-optical ultracompact microring-resonator-based optical switch	JOURNAL OF COMPUTATIONAL ELECTRONICS	2021	10.1007/s10825-020-01628-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
307	Ganesh, D; Kumar, TP; Kumar, MS	Optimised Levenshtein centroid cross-layer defence for multi-hop cognitive radio networks	IET COMMUNICATIONS	2021	10.1049/cmu2.12050	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
308	Biftu, WK; Ravindhranath, K	Simultaneous removal of phosphate and nitrate from polluted water using Zr-alginate beads doped with green synthesized nano-CeO2 and active carbon of Epipremnum aureum plant as an effective adsorbent	DESALINATION AND WATER TREATMENT	2021	10.5004/dwt.2021.27268	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
309	Palanikumar, G; Shanmugan, S; Chithambaram, V	Solar cooking thermal image processing applied to time series analysis of fuzzy stage and inconsiderable Fourier transform method	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.02.664	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
310	Prakash, SJ; Chetty, MSR; Jayalakshmi, A	Contrast Enhancement of Images Using Meta-Heuristic Algorithm	TRAITEMENT DU SIGNAL	2021	10.18280/ts.380509	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
311	Reddy, VHK; Reddy, GP; Mohan, TK; Rao, AV	L-Proline/K2CO3-Catalyzed Eco-friendly Synthesis of Novel 2-(1H-Indol-3-yl)-3-phenyl-2,3-dihydroquinazolin-4(1H)-one Derivatives	RUSSIAN JOURNAL OF ORGANIC CHEMISTRY	2021	10.1134/S1070428021100171	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC)	WOS Proof
312	Naik, A; Satapathy, SC	Past present future: a new human-based algorithm for stochastic optimization	SOFT COMPUTING	2021	10.1007/s00500-021-06229-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
313	Syamala, M; Nalini, NJ	An Efficient Aspect based Sentiment Analysis Model by the Hybrid Fusion of Speech and Text Aspects	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
314	Dey, A; Chhibba, R; Ratnam, DV; Sharma, N	A combined iCEEMDAN and VMD method for mitigating the impact of ionospheric scintillation on GNSS signals	ACTA GEOPHYSICA	2021	10.1007/s11600-021-00629-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
315	HarishGoud, B; Shankar, TN; Sahoo, PK; Cheng, WH	A Novel Method for Routing Packet between Patient and Doctor using Sensor and Cloud	2021 6TH INTERNATIONAL CONFERENCE FOR CONVERGENCE IN TECHNOLOGY (I2CT)	2021	10.1109/I2CT51068.2021.9418092	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
316	Prajapati, C	Linear polarization splitting and circular polarization accumulation in a weakly focused linear polarized Gaussian light beam	JOURNAL OF OPTICS	2021	10.1088/2040-8986/ac2161	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
317	Das, N; Damodaran, V; Chakraborty, B; Roychaudhuri, C	Experiment and FEM Analysis of Silica Nanoparticle-Based Impedance Immunosensor for Sensitivity Enhancement	IEEE TRANSACTIONS ON NANOBIO SCIENCE	2021	10.1109/TNB.2021.3064677	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
318	Allam, V; Madhav, BTP; Anilkumar, T	A low-profile internet of things-controlled frequency reconfigurable triple band antenna for microwave sensing applications	ANALOG INTEGRATED CIRCUITS AND SIGNAL PROCESSING	2021	10.1007/s10470-021-01884-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

319	Reddy, BJ; Pala, SL; Biftu, WK; Suneetha, M; Ravindhranath, K	Effective removal of Cu ²⁺ ions from polluted water using new bio-adsorbents	WATER PRACTICE AND TECHNOLOGY	2021	10.2166/wpt.2021.019	Emerging Sources Citation Index (ESCI)	WOS Proof
320	Zewdie, G; Derese, G; Getachew, B; Belay, H; Akalu, M	Review of sheep and goat pox disease: current updates on epidemiology, diagnosis, prevention and control measures in Ethiopia	ANIMAL DISEASES	2021	10.1186/s44149-021-00028-2	Emerging Sources Citation Index (ESCI)	WOS Proof
321	Rachapudi, V; Devi, GL	Improved convolutional neural network based histopathological image classification	EVOLUTIONARY INTELLIGENCE	2021	10.1007/s12065-020-00367-y	Emerging Sources Citation Index (ESCI)	WOS Proof
322	Mallu, MR; Kamma, S; Vemuri, SS; Potluri, B; Nambidi, S; Veeravilli, S	Isolation and Characterization of Diesel Oil-Degrading Pseudomonas aeruginosa	ASIAN JOURNAL OF PHARMACEUTICS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
323	Bitra, HCR; Rao, AV; Kumar, AGS; Rao, GN	Investigation of low temperature dielectric properties of manganese doped-copper oxide nanoparticles by coprecipitation method	DIGEST JOURNAL OF NANOMATERIALS AND BIOSTRUCTURES	2021		Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
324	Rao, KS; Srinath, A; Rao, GB	Design and Analysis of an Autonomous Hybrid Vehicle	3RD INTERNATIONAL CONFERENCE ON ADVANCEMENTS IN AEROMECHANICAL MATERIALS FOR MANUFACTURING: ICAAMM-2020	2021	10.1063/5.0037284	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
325	Bitra, HCR; Rao, AV; Babu, KS; Rao, GN	Low temperature investigation on dielectric properties of carbon doped copper oxide	FERROELECTRICS LETTERS SECTION	2021	10.1080/07315171.2021.1923120	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
326	Mullangi, S; Ravindhranath, K; Panchakarla, RK	An efficient HILIC-MS/MS method for the trace level determination of three potential genotoxic impurities in aripiprazole active drug substance	JOURNAL OF ANALYTICAL SCIENCE AND TECHNOLOGY	2021	10.1186/s40543-021-00273-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
327	Rao, TV; Sridhar, M; Ratnam, DV; Harsha, PBS	Comparative analysis of ionosonde spread F and GPS ionospheric scintillations over Hyderabad	JOURNAL OF ASTROPHYSICS AND ASTRONOMY	2021	10.1007/s12036-021-09697-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
328	Londhe, DD; Kumari, A; Emmanuel, M	Challenges in Multilingual and Mixed Script Sentiment Analysis	2021 6TH INTERNATIONAL CONFERENCE FOR CONVERGENCE IN TECHNOLOGY (I2CT)	2021	10.1109/I2CT51068.2021.9418087	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
329	Debnath, B; Das, JC; De, D	SQCA: symmetric key-based crypto-codec for secure nano-communication using QCA	PHOTONIC NETWORK COMMUNICATIONS	2021	10.1007/s11107-021-00952-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
330	Khatibi, AD; Chandrika, K; Mostafapour, FK; Sajadi, AA; Balarak, D	Photocatalytic Degradation of Naphthalene by UV/ZnO: Kinetics, Influencing Factors and Mechanisms	ORIENTAL JOURNAL OF CHEMISTRY	2021	10.13005/ojc/370108	Emerging Sources Citation Index (ESCI)	WOS Proof
331	Bheemana, RC; Japa, A; Yellampalli, S; Vaddi, R	Steep Switching NCFET based Logic for Future Energy Efficient Electronics	2021 IEEE INTERNATIONAL SYMPOSIUM ON SMART ELECTRONIC SYSTEMS (ISES 2021)	2021	10.1109/iSES52644.2021.00083	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
332	Naik, A; Satapathy, SC	A comparative study of social group optimization with a few recent optimization algorithms	COMPLEX & INTELLIGENT SYSTEMS	2021	10.1007/s40747-020-00189-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
333	Kolli, M; Prasad, AVSR; Naresh, DS	Multi-objective optimization of AAJM process parameters for cutting of B4C/Gr particles reinforced Al 7075 composites using RSM-TOPSIS approach	SN APPLIED SCIENCES	2021	10.1007/s42452-021-04699-x	Emerging Sources Citation Index (ESCI)	WOS Proof
334	Rajamahendran, S; Suresh, G; Srinivasan, T; Logesh, D; Yusuf, MM; Krishnan, LM	An analysis on mechanical and sliding wear behavior of E-Glass fiber reinforced IPN composites	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.07.072	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
335	Babu, BK; Reddy, AY	Myths and Perception of Management Students and Faculty towards Covaxin and Covishield Vaccines, Vijayawada, Andhra Pradesh	JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL	2021	10.9734/JPRI/2021/v33i45A32731	Emerging Sources Citation Index (ESCI)	WOS Proof
336	Bhavani, R; Praba, NR; Ananthakumaran, S	Simulation of PEM fuel cell integrated DVR using SRF-ANFIS controller for power quality enhancement	JOURNAL OF ENGINEERING RESEARCH	2021	10.36909/jer.8439	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

337	Chary, SB; Reddy, KJ; Kumar, GC	Joint Effects of Heat Source and Magnetic Field on Unsteady Chemically Reacting Fluid Flow Towards A Vertically Inclined Plate in Addition of Cu-Nanoparticles	JOURNAL OF NANOFUIDS	2021	10.1166/jon.2023.2038	Emerging Sources Citation Index (ESCI)	WOS Proof
338	Kunduru, SR; Venkata, HRY; Vallapudi, D; Dheenadhayalan, N; Kumaravel, AR	Contemporary Review: Use of Mahua Oil and Waste Plastic Oil as Biofuels	INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
339	Bantikatla, H; Devi, NSMPL; Bhogoju, RK	Microstructural parameters from X-ray peak profile analysis by Williamson-Hall models; A review	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.06.256	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
340	Uppala, PK; Rao, GSNK; Reddy, AR; Umasankar, K; Joshitha, C; Anusha, K; Siddiqui, N; Mallick, SP	Hepatoprotective Activity of Acampe praemorsa	JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL	2021	10.9734/JPRI/2021/v33i30A31627	Emerging Sources Citation Index (ESCI)	WOS Proof
341	Vatsalya, VLS; Sundari, GS; Sridhar, CSLN; Lakshmi, CS	Evidence of Superparamagnetism in nano phased copper doped nickel zinc ferrites synthesized by Hydrothermal Method	OPTIK	2021	10.1016/j.ijleo.2021.167874	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
342	Lingeshwaran, N; Koushik, S; Reddy, TMK; Preethi, P	Comparative analysis on asymmetrical and symmetrical structures subjected to seismic load	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.11.340	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
343	Srinivasan, T; Suresh, G; Ramu, P; Ram, VG; Giresh, M; Arjun, K	Effect of water absorption of the mechanical behavior of banana fiber reinforced IPN natural composites	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.06.024	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
344	Sravanthi, K; Mahesh, V; Rao, BN	Influence of micro and nano carbon fillers on impact behavior of GFRP composite materials	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.06.298	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
345	Chanda, C; Aluru, RR	Anticagulants: An overview of Natural and Synthetic Therapeutic Anticoagulants	JOURNAL OF BIOCHEMICAL TECHNOLOGY	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
346	Arasavelli, SS; Konijeti, R; Budda, GR	Positive impact of vibration on heat transfer in twisted tape inserted heat exchanger	JOURNAL OF THERMAL ENGINEERING	2021	10.18186/thermal.1025962	Emerging Sources Citation Index (ESCI)	WOS Proof
347	Kumar, KH; Babu, NV; Lingeshwaran, N	A study on repair of concrete structure using non destructive tests	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.06.414	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
348	Nimmagadda, R; Chereches, EI; Chereches, M	Heat Transfer Performance of Uni-Directional and Bi-Directional Lid-Driven Cavities Using Nanoparticle Enhanced Ionic Liquids (NEILS)	INTERNATIONAL JOURNAL OF THERMOPHYSICS	2021	10.1007/s10765-021-02814-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
349	Muduli, A; Mishra, RK	T-fed for end-fire pattern of log-periodic microstrip array	INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING	2021	10.1002/mmce.22493	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
350	Ganesh, C; Murthy, KSN	Thermal Stability Analysis of Single-Ended 9T-ST Robust SRAM Cell for Near-Threshold Operation	INTERNATIONAL JOURNAL OF NANOSCIENCE	2021	10.1142/S0219581X21500575	Emerging Sources Citation Index (ESCI)	WOS Proof
351	Simon, J; Prabakaran, N	Optimal wavelets with Binary Phase Shift Keying modulator utilized simulation analysis of 4G/5G OFDM systems	INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS	2021	10.1002/dac.4775	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
352	Sravanthi, K; Mahesh, V; Rao, BN	INFLUENCE OF CARBON PARTICLE IN POLYMER MATRIX COMPOSITE OVER MECHANICAL PROPERTIES AND TRIBOLOGY BEHAVIOR	ARCHIVES OF METALLURGY AND MATERIALS	2021	10.24425/amm.2021.136433	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
353	Rajesh, KVD; Prasad, AVSR; Shaik, AM; Buddi, T	SEM with EDAX analysis on plasma arc welded butt joints of AISI 304 and AISI 316 steels	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.11.393	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
354	Mullangi, S; Ravindhranath, K; Panchakarla, RK	LC-MS/MS method for the quantification of potential genotoxic impurity 4-phenoxyphenyl-boronic acid in ibrutinib	JOURNAL OF THE IRANIAN CHEMICAL SOCIETY	2021	10.1007/s13738-020-02118-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

355	Yuvaraj, N; Karthikeyan, T; Praghash, K	An Improved Task Allocation Scheme in Serverless Computing Using Gray Wolf Optimization (GWO) Based Reinforcement Learning (RIL) Approach	WIRELESS PERSONAL COMMUNICATIONS	2021	10.1007/s11277-020-07981-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
356	Srinivasan, T; Suresh, G; Ramu, P; Vignesh, R; Harshan, AV; Vignesh, KP	Effect of hygrothermal ageing on the compressive behavior of glass fiber reinforced IPN composite pipes	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.06.102	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
357	Gopi, D; Vadaboyina, AR; Dabbakuti, JRKK	DGS based monopole circular-shaped patch antenna for UWB applications	SN APPLIED SCIENCES	2021	10.1007/s42452-020-04123-w	Emerging Sources Citation Index (ESCI)	WOS Proof
358	Pravallika, C; Shanmugan, S; Swapna, K; Rao, AV; Palani, G; Chithambaram, V	Crystal growth, spectroscopic and antimicrobial investigations on glycine-doped ZnSO ₄ -(NH ₄) ₂ SO ₄ single crystal	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2021	10.1007/s10854-021-05967-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
359	Thangeeswari, T; Parthipan, G; Shanmugan, S; Raju	Synthesize of gadolinium-doped ZnO nano particles for energy applications by enhance its optoelectronic properties	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.02.662	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
360	Dasari, DB; Edamadaka, G; Chowdary, CS; Sobhana, M	Anomaly-based network intrusion detection with ensemble classifiers and meta-heuristic scale (ECMHS) in traffic flow streams	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING	2021	10.1007/s12652-020-02628-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
361	Achanta, SDM; Karthikeyan, T; Kanna, RV	Wearable sensor based acoustic gait analysis using phase transition-based optimization algorithm on IoT	INTERNATIONAL JOURNAL OF SPEECH TECHNOLOGY	2021	10.1007/s10772-021-09893-1	Emerging Sources Citation Index (ESCI)	WOS Proof
362	Sunnapu, C; Kolli, M	Tool shoulder and pin geometry's effect on friction stir welding: A study of literature	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.05.601	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
363	Harsha, G; Poluraju, P; Khed, VC	Computation of shear strength equation for shear deformation of reinforced concrete deep beams using finite element method	AIMS MATERIALS SCIENCE	2021	10.3934/matrsoci.2021004	Emerging Sources Citation Index (ESCI)	WOS Proof
364	Kumari, DS; Sajja, VS; Kishore, PM	NUMERICAL SOLUTION OF THE EFFECTS OF HEAT AND MASS TRANSFER ON UNSTEADY MHD FREE CONVECTION FLOW PAST AN INFINITE VERTICAL PLATE	FRONTIERS IN HEAT AND MASS TRANSFER	2021	10.5098/hmt.16.24	Emerging Sources Citation Index (ESCI)	WOS Proof
365	Ampavathi, A; Saradhi, TV	Multi disease-prediction framework using hybrid deep learning: an optimal prediction model	COMPUTER METHODS IN BIOMECHANICS AND BIOMEDICAL ENGINEERING	2021	10.1080/10255842.2020.1869726	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
366	Yuvaraj, N; Karthikeyan, T; Praghash, K; Reddy, KH	Binary Flower Pollination (BFP) Approach to Handle the Dynamic Networking Conditions to Deliver Uninterrupted Connectivity	WIRELESS PERSONAL COMMUNICATIONS	2021	10.1007/s11277-021-08883-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
367	Thumu, R; Reddy, KH; Reddy, CR	Unified power flow controller in grid-connected hybrid renewable energy system for power flow control using an elitist control strategy	TRANSACTIONS OF THE INSTITUTE OF MEASUREMENT AND CONTROL	2021	10.1177/0142331220957890	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
368	Vesala, GT; Ghali, VS; Subhani, S; Suresh, B	Enhanced Subsurface Analysis Using Proper Orthogonal Decomposition in Nonstationary Thermal Wave Imaging	RUSSIAN JOURNAL OF NONDESTRUCTIVE TESTING	2021	10.1134/S1061830921110103	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
369	Moein, H; Balarak, D; Meshkinain, A; Chandrika, K; Yazdani, N	Effects of Operational Parameters on the Removal of Tetracycline from Aqueous Solutions by Electrocoagulation	INTERNATIONAL JOURNAL OF PHARMACEUTICAL INVESTIGATION	2021	10.5530/ijpi.2021.1.5	Emerging Sources Citation Index (ESCI)	WOS Proof
370	Raveendra, K; Karthikeyan, T; Rajendran, V; Reddy, PVN	A novel two-stage optimized model for logo-based document image retrieval based on a soft computing framework	SOFT COMPUTING	2021	10.1007/s00500-020-05192-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
371	Kumar, KK; Kanth, NR; Rasidhar, L; Srinath, A	Design of real time efficient sun tracking system for smart irrigation using raspberry pi	INTERNATIONAL JOURNAL OF SYSTEM ASSURANCE ENGINEERING AND MANAGEMENT	2021	10.1007/s13198-021-01383-6	Emerging Sources Citation Index (ESCI)	WOS Proof

372	Chand, CG; Maity, R; Rao, KS; Maity, NP	Electromagnetic modelling and analysis of RF MEMS capacitive shunt switch for 5G applications	MICROELECTRONICS JOURNAL	2021	10.1016/j.mejo.2021.105262	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
373	Potluri, H; Prasanth, DSNBK; Atmakuri, LR	In vivo Antinociceptive Effect of Methanolic Extract of Ipomoea marginata Desr. in Rodents as well as In silico Molecular Docking of Some Phytoconstituents from the Plant	INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES	2021	10.36468/pharmaceutic-al-sciences.824	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
374	Prashanth, KV; Hadalgi, PM; Hunagund, P	Study of DGS Based Multi-Band UWB Antenna	4TH INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES; MICRO TO NANO, 2019: (ETMN 2019)	2021	10.1063/5.0043401	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
375	Arasavelli, SS; Konijeti, R; Budda, GR	Influence of transverse vibrations on convective heat transfer in parallel flow tube-in-tube heat exchanger	HEAT TRANSFER	2021	10.1002/htj.21965	Emerging Sources Citation Index (ESCI)	WOS Proof
376	Prabha, B; Priya, M; Shanker, NR; Ganesh, E	Aberrant behavior prediction and severity analysis for autistic child through deep transfer learning to avoid adverse drug effect	BIOMEDICAL SIGNAL PROCESSING AND CONTROL	2021	10.1016/j.bspc.2021.103038	Science Citation Index Expanded (SCI-EXPANDED); Social Science Citation Index (SSCI)	WOS Proof
377	Tammareddy, SR; Yedavallu, KSL; Meka, PB	Role of Dental Counselling in Improving Communication Skills	JOURNAL OF EVOLUTION OF MEDICAL AND DENTAL SCIENCES-JEMDS	2021	10.14260/jemds/2021/61	Emerging Sources Citation Index (ESCI)	WOS Proof
378	Lavanya, AL; Kumari, KGB; Prasad, KRS; Brahman, PK	Development of Pen-type Portable Electrochemical Sensor Based on Au-W Bimetallic Nanoparticles Decorated Graphene-chitosan Nanocomposite Film for the Detection of Nitrite in Water, Milk and Fruit Juices	ELECTROANALYSIS	2021	10.1002/elan.202060524	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
379	Harshitha, K; Gorla, US	Protective Effect of Terminalia arjuna Against DBTC Induced Pancreatic Cancer in Male Wistar Rats	JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL	2021	10.9734/JPRI/2021/v33i46A32863	Emerging Sources Citation Index (ESCI)	WOS Proof
380	Deshmukh, S; Rao, KT; Shabaz, M	Collaborative Learning Based Straggler Prevention in Large-Scale Distributed Computing Framework	SECURITY AND COMMUNICATION NETWORKS	2021	10.1155/2021/8340925	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
381	Jenan, R; Dammalage, TL; Panda, SK	Ionospheric total electron content response to September-2017 geomagnetic storm and December-2019 annular solar eclipse over Sri Lankan region	ACTA ASTRONAUTICA	2021	10.1016/j.actaastro.2021.01.006	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
382	Kumar, A; Ranjan, P	Computational analysis of chalcogenides as an inorganic hole transport layer in perovskite solar cells	OPTICAL AND QUANTUM ELECTRONICS	2021	10.1007/s11082-021-03186-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
383	Surekha, S; Rahman, MZU; Gupta, N	A Low Complex Spectrum Sensing Technique for Medical Telemetry System	JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH	2021		Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
384	Vineetha, KV; Kumar, MS; Madhav, BTP; Rao, MC	Flexible bandpass filter with silver conductive layer for GPS, ISM, PCS, LTE and WLAN applications	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.12.1187	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
385	Babu, BK; Sai, G; Reddy, M	Rice Fortification and Distribution: A Need of the Hour in Andhra Pradesh, India	JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL	2021	10.9734/JPRI/2021/v33i51B33510	Emerging Sources Citation Index (ESCI)	WOS Proof
386	Rajendrana, R; Kumar, DS; Megan, K; Muneswaren, P; Senthilvel, D; Shri, B; Lingeshwaran, N	Strength analysis of geopolymers concrete based on fly ash and P-sand	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.08.032	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
387	Srinivasarao, P; Rao, GSN	SMART HOME SECURITY AND AUTOMATION USING IOT	ADVANCES AND APPLICATIONS IN MATHEMATICAL SCIENCES	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
388	Sankari, DSSL; Maka, SS; Dalal, S; Chanda, C; Aluru, RR	Molecular Docking Studies to Evaluate Small Molecule Inhibitors of Wnt/Betacatenin Signaling Pathway	INTERNATIONAL JOURNAL OF LIFE SCIENCE AND PHARMA RESEARCH	2021	10.22376/ijpbs/lpr.2021.11.5.1122-128	Emerging Sources Citation Index (ESCI)	WOS Proof
389	Thirupathaiah, K; Reddy, KS; Reddy, GRS	A Nanoplasmonic Branchline Coupler for Subwavelength Wireless Networks	IEEE TRANSACTIONS ON NANOTECHNOLOGY	2021	10.1109/TNANO.2021.3101981	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

390	Tummala, PK; Nannapaneni, S; Durvasula, SP; Chadalavada, S; Venigandla, S; Vemuru, S; Veeravilli, S; Mallu, MR	Evaluation of Hemidesmus indicus Plant Compounds for Anti-Cancer Studies - An In silico Approach	JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL	2021	10.9734/JPRI/2021/v33i26A31472	Emerging Sources Citation Index (ESCI)	WOS Proof
391	Mohammed, T; Khan, AA; Iqbal, SMS; Dawoud, A; Khan, KA; Maqbul, MS; Fathima, SH	A Kinetic and Synthetic Approach of Surfactants Accelerated by Vilsmeier-Haack Acetylation and Formylation with Anisole	ASIAN JOURNAL OF PHARMACEUTICS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
392	Jakkana, PP; Boggarapu, NR; Bodanapu, M; Venkata, ARB; Cherukuri, N; Yeddala, H	Revisited the Critical Load Assessment of Huang et al. on Willems Tested Beck Column	PERTANIKAJOURNAL OF SCIENCE AND TECHNOLOGY	2021	10.47836/pjst.29.1.14	Emerging Sources Citation Index (ESCI)	WOS Proof
393	Yenduri, G; Rajakumar, BR; Praghash, K; Binu, D	Heuristic-Assisted BERT for Twitter Sentiment Analysis	INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE AND APPLICATIONS	2021	10.1142/S1469026821500152	Emerging Sources Citation Index (ESCI)	WOS Proof
394	Prasad, KR; Mohammed, M; Prasad, LVN; Anguraj, DK	An efficient sampling-based visualization technique for big data clustering with crisp partitions	DISTRIBUTED AND PARALLEL DATABASES	2021	10.1007/s10619-021-07324-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
395	Lavanya, AL; Kumari, KGB; Prasad, KRS; Brahman, PK	Nickel and Tungsten Bimetallic Nanoparticles modified Pencil Graphite Electrode: A High-performance Electrochemical Sensor for Detection of Endocrine Disruptor Bisphenol A	ELECTROANALYSIS	2021	10.1002/elan.202060277	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
396	Pan, HL; Huo, W; Kumar, KR; Mamtimin, A; Wang, MZ; Liu, JJ; Zhou, CL; Yang, F; Yang, XH	Comparison and Analysis of Meteorological Variables Observed from the Glacier Area over the Tianshan Mountains in Kyrgyzstan and China	ASIA-PACIFIC JOURNAL OF ATMOSPHERIC SCIENCES	2021	10.1007/s13143-020-00193-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
397	Santhi, JA; Saradhi, GV	Attack detection in medical Internet of things using optimized deep learning: enhanced security in healthcare sector	DATA TECHNOLOGIES AND APPLICATIONS	2021	10.1108/DTA-10-2020-0239	Science Citation Index Expanded (SCI-EXPANDED); Social Science Citation Index (SSCI)	WOS Proof
398	Biftu, WK; Suneetha, M; Ravindhranath, K	Sequential adsorptive removal of phosphate, nitrate and chromate from polluted water using active carbon derived from stems of Carissa carandas plant	WATER PRACTICE AND TECHNOLOGY	2021	10.2166/wpt.2020.102	Emerging Sources Citation Index (ESCI)	WOS Proof
399	Sekhar, PNRLC; Shankar, TN	Splicing forgery localisation using colour illumination inconsistencies	INTERNATIONAL JOURNAL OF ELECTRONIC SECURITY AND DIGITAL FORENSICS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
400	Chandragiri, AB; Jeelani, SH; Akthar, S; Lingeshwaran, N	A study and identification of the time and cost overrun in the construction project	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.06.268	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
401	Thekkil, TM; Prabakaran, N	A Multi-Objective Optimization for Remote Monitoring Cost Minimization in Wireless Sensor Networks	WIRELESS PERSONAL COMMUNICATIONS	2021	10.1007/s11277-021-08671-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
402	Rao, MC; Basha, SS	Structural and electrical properties of CZTS thin films by electrodeposition	RESULTS IN PHYSICS	2021	10.1016/j.rinp.2021.103936	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
403	Harsha, GS; Poluraju, P	Modified Strut & Tie Method and Truss Reinforcement for Shear Strengthening of Reinforced Concrete Deep Beams	INTERNATIONAL JOURNAL OF TECHNOLOGY	2021	10.14716/ijtech.v12i1.3920	Emerging Sources Citation Index (ESCI)	WOS Proof

404	Vinjamuri, UR; Rao, BL	Efficient energy management system using Internet of things with FORDF technique for distribution system	IET RENEWABLE POWER GENERATION	2021	10.1049/rpg2.12055	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
405	Thekkil, TM; Prabakaran, N	Optimization Based Multi-Objective Weighted Clustering For Remote Monitoring System in WSN	WIRELESS PERSONAL COMMUNICATIONS	2021	10.1007/s11277-020-07874-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
406	Devulapalli, PK; Pokkunuri, PS; Maganti, SB	Energy Efficient Multi-hop Cooperative Transmission Protocol for Large Scale Mobile Ad hoc Networks	WIRELESS PERSONAL COMMUNICATIONS	2021	10.1007/s11277-021-08878-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
407	Sravani, KG; Narayana, TL; Guha, K; Rao, KS	Role of dielectric layer and beam membrane in improving the performance of capacitive RF MEMS switches for Ka-band applications	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2021	10.1007/s00542-018-4038-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
408	Bikku, T; Karthik, J; Rao, GRK; Sree, KPNVS; Srinivas, PVVS; Prasad, C	Brain Tissue Segmentation via Deep Convolutional Neural Networks	PROCEEDINGS OF THE 2021 FIFTH INTERNATIONAL CONFERENCE ON I-SMAC (IOT IN SOCIAL, MOBILE, ANALYTICS AND CLOUD) (I-SMAC 2021)	2021	10.1109/I-SMAC52330.2021.9640635	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
409	Venumbaka, MR; Raina, JP; Marepally, BC	Plasmonic E-field enhancements and coupling effects of metallic structures using FDTD	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.03.412	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
410	Devarakonda, N; Saidala, RK; Kamarajugadda, R	A Hybrid Between TOA and Levy Flight Trajectory for Solving Different Cluster Problems	INTERNATIONAL JOURNAL OF COGNITIVE INFORMATICS AND NATURAL INTELLIGENCE	2021	10.4018/IJCINI.20211001.0a39	Emerging Sources Citation Index (ESCI)	WOS Proof
411	Endoori, S; Gulipalli, KC; Bodige, S; Shaikh, AS; Vemula, D; Surapureddi, SR; Seelam, N	Design, synthesis, anti-cancer activity and in-silico studies of some novel 4,5-dihydroisoxazole-5-carboxamide derivatives	SYNTHETIC COMMUNICATIONS	2021	10.1080/00397911.2021.1974041	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC)	WOS Proof
412	Tatipamula, VB; Ketha, A; Nallapaty, S; Kottana, H; Koneru, ST	Moss Octoblepharum albidum Hedw.: Isolation, characterization, in vitro and in vivo antidiabetic activities	ADVANCES IN TRADITIONAL MEDICINE	2021	10.1007/s13596-021-00556-9	Emerging Sources Citation Index (ESCI)	WOS Proof
413	Devulapalli, PK; Maganti, SB; Pokkunuri, PS	Energy Efficient Cooperative Communication in Multi-Radio Multi-Channel Large Scale MANETs	2021 IEEE INTERNATIONAL CONFERENCE ON MOBILE NETWORKS AND WIRELESS COMMUNICATIONS (ICMNWC)	2021	10.1109/ICMNWC52512.2021.9688360	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
414	Raju, SG; Reddy, KH; Reddy, CR	Islanding Detection Parameters for Integrated Distributed Generation	RECENT ADVANCES IN ELECTRICAL & ELECTRONIC ENGINEERING	2021	10.2174/2352096513999200724175413	Emerging Sources Citation Index (ESCI)	WOS Proof
415	Sharma, R; Cohen, I; Berdugo, B	WINDOW BEAMFORMER FOR SPARSE CONCENTRIC CIRCULAR ARRAY	2021 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH AND SIGNAL PROCESSING (ICASSP 2021)	2021	10.1109/ICASSP39728.2021.9414069	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
416	Yadav, GVPCS; Ghali, VS; Baloji, NR	A Time Frequency-Based Approach for Defect Detection in Composites Using Nonstationary Thermal Wave Imaging	RUSSIAN JOURNAL OF NONDESTRUCTIVE TESTING	2021	10.1134/S1061830921060061	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
417	Divu, DN; Mojjada, SK; Pokkathappada, AA; Sukhdhane, K; Menon, M; Mojjada, RK; Tade, MS; Bhint, HM; Gopalakrishnan, A	Decision-making framework for identifying best suitable mariculture sites along north east coast of Arabian Sea, India: A preliminary GIS-MCE based modelling approach	JOURNAL OF CLEANER PRODUCTION	2021	10.1016/j.jclepro.2020.124760	Science Citation Index Expanded (SCI-EXPANDED); Social Science Citation Index (SSCI)	WOS Proof
418	Sravani, KG	Optimization and analysis of bridge type RF MEMS switch for X-band	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2021	10.1007/s00542-020-05152-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
419	Uppuluri, LS; Motukuri, SRK; Kumar, D	Genome-wide identification, characterization of aquaporin gene family and understanding aquaporin transport system in hot pepper (Capsicum annum L.)	SCIENTIA HORTICULTURAE	2021	10.1016/j.scienta.2021.110206	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

420	Bala, D; Gowrisankar, M; Babu, S; Kumar, KS; Ramachandran, D	Thermodynamic and spectroscopic properties of binary liquid mixtures of 2-methylcyclohexanone and o-substituted anilines at various temperatures	PHYSICS AND CHEMISTRY OF LIQUIDS	2021	10.1080/00319104.2020.1858417	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
421	Ramakristanaiah, C; Namratha, P; Ganiya, RK; Reddy, MR	A Survey on Humor Detection Methods in Communications	PROCEEDINGS OF THE 2021 FIFTH INTERNATIONAL CONFERENCE ON I-SMAC (IOT IN SOCIAL, MOBILE, ANALYTICS AND CLOUD) (I-SMAC 2021)	2021	10.1109/I-SMAC52330.2021.9640751	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
422	Atgur, V; Manavendra, G; Desai, GP; Rao, BN	Experimental investigation on thermal conductivity and thermal degradation of Honge oil methyl ester with B-20 blend	JOURNAL OF THERMAL ENGINEERING	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
423	Kumar, NS; Buddi, T; Lakshmi, AA; Rajesh, KVD	Synthesis and evaluation of mechanical properties for coconut fiber composites-A review	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.12.543	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
424	Ramesh, NVK; Namgiri, S; Kumar, PS; Jagadeesh, K; Dixit, CSKNS; Reshma, NKSVS; Reddy, BNK	Prevention of Fire Accidents in Running Trains Using GSM Technology	2021 SIXTH INTERNATIONAL CONFERENCE ON WIRELESS COMMUNICATIONS, SIGNAL PROCESSING AND NETWORKING (WISPNET)	2021	10.1109/WISPNET51692.2021.9419437	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
425	Sonowal, G; Sharma, A; Kharb, L	Spear-Phishing Emails Verification Method based on Verifiable Secret Sharing Scheme	JOURNAL OF INFORMATION ASSURANCE AND SECURITY	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
426	Vedavathi, N; Dharmiah, G; Venkatadri, K; Gaffar, SA	Numerical study of radiative non-Darcy nanofluid flow over a stretching sheet with a convective Nield conditions and energy activation	NONLINEAR ENGINEERING - MODELING AND APPLICATION	2021	10.1515/nleng-2021-0012	Emerging Sources Citation Index (ESCI)	WOS Proof
427	Talewar, RA; Mahamuda, S; Swapna, K; Venkateswarlu, M; Rao, AS	Sensitization of Er ³⁺ NIR emission using Yb ³⁺ ions in alkaline-earth chloro borate glasses for fiber laser and optical fiber amplifier applications	MATERIALS RESEARCH BULLETIN	2021	10.1016/j.materresbull.2020.111144	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
428	Mani, G; Srinivas, PVVS; Rao, GRK; Prasad, C; Priyanka, D; Cherukuri, N	Traffic Analysis of High Throughput Traffic on Tor	PROCEEDINGS OF THE 2021 FIFTH INTERNATIONAL CONFERENCE ON I-SMAC (IOT IN SOCIAL, MOBILE, ANALYTICS AND CLOUD) (I-SMAC 2021)	2021	10.1109/I-SMAC52330.2021.9640934	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
429	Prasanthi, PP; Babu, KS; Kumar, MSRN; Kumar, AE	Analysis of Sisal Fiber Waviness Effect on the Elastic Properties of Natural Composites Using Analytical and Experimental Methods	JOURNAL OF NATURAL FIBERS	2021	10.1080/15440478.2019.1697987	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
430	Rani, KS; Mutyala, S; Reddy, SM	Electrocatalytic oxidation of hydrazine at sulphur-doped graphene-modified glassy carbon electrode	BULLETIN OF MATERIALS SCIENCE	2021	10.1007/s12034-021-02498-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
431	Vesala, GT; Ghali, VS; Lakshmi, AV; Naik, RB	Deep and Handcrafted Feature Fusion for Automatic Defect Detection in Quadratic Frequency Modulated Thermal Wave Imaging	RUSSIAN JOURNAL OF NONDESTRUCTIVE TESTING	2021	10.1134/S1061830921060097	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
432	Reddy, MRN; Somala, AR; Jarupula, S; Pakkiraiah, B	Design of Optimal Integrator Control Algorithm for Single-Stage Grid Connected Solar Array System	2021 INTERNATIONAL CONFERENCE ON SUSTAINABLE ENERGY AND FUTURE ELECTRIC TRANSPORTATION (SEFET)	2021	10.1109/SeFet48154.2021.9375774	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
433	Sravani, KG	Design and simulation of RF-MEMS shunt switch for K-band applications	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2021	10.1007/s00542-020-05065-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
434	Pardhasaradhi, P; Madhav, BTP; Srilekha, G; Rao, MRN; Ganesh, GV	Identification of thermo optical parameters in 4l-hexyloxy-4-cyanobiphenyl with dispersed ZnO nano particles	ZEITSCHRIFT FUR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES	2021	10.1515/zna-2021-0046	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
435	Murugan, M; Saravanan, A; Murali, G; Kumar, P; Reddy, VSN	Enhancing Productivity of V-Trough Solar Water Heater Incorporated Flat Plate Wick-Type Solar Water Distillation System	JOURNAL OF HEAT TRANSFER-TRANSACTIONS OF THE ASME	2021	10.1115/1.4048947	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

436	Venkateswarlu, M; Swapna, K; Mahamuda, S; Rani, PR; Kumar, JVS; Prasad, MVVKS; Rao, AS	Concentration dependent neodymium doped oxy fluoroborate glasses for 1.08 μm laser applications	SOLID STATE SCIENCES	2021	10.1016/j.solidstatesciences.2021.106543	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
437	Reddy, KSRK; Swapna, K; Mahamuda, S; Venkateswarulu, M; Rao, AS	Structural, optical and photoluminescence properties of alkaline-earth boro tellurite glasses doped with trivalent Neodymium for 1.06 μm optoelectronic devices	OPTICAL MATERIALS	2021	10.1016/j.optmat.2020.110615	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
438	Sreenu, N; Rao, KSS; Kishan, D	The macroeconomic variables impact on commodity futures volatility: A study on Indian markets	COGENT BUSINESS & MANAGEMENT	2021	10.1080/23311975.2021.1939929	Emerging Sources Citation Index (ESCI)	WOS Proof
439	Guha, K; Dutta, H; Sateesh, J; Baishya, S; Rao, KS	Design and analysis of perforated MEMS resonator	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2021	10.1007/s00542-018-4207-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
440	Kumar, PA; Rao, KS; Sravani, KG	Effect of perforations on fabricated iterative meandered RF MEMS switch for millimeter wave applications	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2021	10.1007/s00542-020-05107-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
441	Srilekha, G; Pardhasaradhi, P; Madhav, BTP; Manepalli, RKNR; Rao, MC	Identification of thermo optical parameters of 8ocb pure and nano dispersed liquid crystalline compound using image processing based IME method	MOLECULAR CRYSTALS AND LIQUID CRYSTALS	2021	10.1080/15421406.2021.1962044	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
442	Srinivasan, T; Suresh, G; Santhoshpriya, K; Chidambaram, CT; Vijayakumar, KR; Munaf, AA	Experimental analysis on mechanical properties of banana fibre/epoxy (particulate) reinforced composite	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.05.103	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
443	Kumar, MTK; Kishore, PVV; Madhav, BTP; Kumar, DA; Kala, NS; Rao, KPK; Prasad, B	Can Skeletal Joint Positional Ordering Influence Action Recognition on Spectrally Graded CNNs: A Perspective on Achieving Joint Order Independent Learning	IEEE ACCESS	2021	10.1109/ACCESS.2021.3119455	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
444	Sravani, KG; Rao, KS; Guha, K	New pull-in voltage modelling of step structure RF MEMS switch	MICROELECTRONICS JOURNAL	2021	10.1016/j.mejo.2021.105264	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
445	Kumar, A; Upadhyay, C; Shashikant	Experimental investigation on WEDM performance analysis using grey-fuzzy integrated with TLBO algorithm for Inconel 625: comparison with GA and SA	WORLD JOURNAL OF ENGINEERING	2021	10.1108/WJE-12-2020-0643	Emerging Sources Citation Index (ESCI)	WOS Proof
446	Rao, KS; Ganesh, GV; Lakshmi, GS; Gopichand, C; Sravani, KG	Analysis of PDMS based MEMS device for drug delivery systems	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2021	10.1007/s00542-020-05032-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
447	Prameela, KU; Wurmbrand, RR; Jayakar, RPS	An Interpretation of Non-Preemptive Priority Fuzzy Queuing Model with Asymmetrical Service Rates	PAKISTAN JOURNAL OF STATISTICS AND OPERATION RESEARCH	2021	10.18187/pjsor.v17i4.3878	Emerging Sources Citation Index (ESCI)	WOS Proof
448	Jha, RK; Kalita, PK; Cooke, RA	Assessment of Climatic Parameters for Future Climate Change in a Major Agricultural State in India	CLIMATE	2021	10.3390/cli9070111	Emerging Sources Citation Index (ESCI)	WOS Proof
449	Pathapalli, VR; Reddigari, MR; Anna, EK; Rao, PS; Reddy, DVR	Modeling of the machining parameters in turning of Al-5052/TiC/SiC composites: a statistical modeling approach using grey relational analysis (GRA) and response surface methodology (RSM)	MULTIDISCIPLINE MODELING IN MATERIALS AND STRUCTURES	2021	10.1108/MMMS-01-2021-0017	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

450	Payal, PS; Jahageerdar, S; Kumar, SH; Prasad, BVLS	Homology Modelling and Virtual Screening of 3-deoxy-D-manno- octulosonic Acid Transferase of Aeromonas hydrophila as a Potential Target for Novel Natural Inhibitory Compounds	LETTERS IN DRUG DESIGN & DISCOVERY	2021	10.2174/1570180818666210204105951	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
451	Aditya, M; Rao, KS; Sravani, KG; Guha, K	Design, simulation and analysis of high-K gate dielectric FinField effect transistor	INTERNATIONAL JOURNAL OF NANO DIMENSION	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
452	Mohammad, MN; Kumari, CU; Murthy, ASD; Jagan, BOL; Saikumar, K	Implementation of online and offline product selection system using FCNN deep learning: Product analysis	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.10.072	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
453	Nemani, R; Cherukuri, N; Rao, GRK; Srinivas, PVVS; Pujari, JJ; Prasad, C	Algorithms and Optimization Techniques for Solving TSP	PROCEEDINGS OF THE 2021 FIFTH INTERNATIONAL CONFERENCE ON I-SMAC (IOT IN SOCIAL, MOBILE, ANALYTICS AND CLOUD) (I-SMAC 2021)	2021	10.1109/I-SMAC52330.2021.9640907	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
454	Tilak, VG; Ghali, VS; Lakshmi, AV; Suresh, B; Naik, RB	Proximity based automatic defect detection in quadratic frequency modulated thermal wave imaging	INFRARED PHYSICS & TECHNOLOGY	2021	10.1016/j.infrared.2021.103674	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
455	Baldev, S; Rathore, PK; Peesapati, R; Anumandla, KK	A directional and scalable streaming deblocking filter hardware architecture for HEVC decoder	MICROPROCESSORS AND MICROSYSTEMS	2021	10.1016/j.micpro.2021.104029	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
456	Laskar, NM; Guha, K; Nath, S; Chanda, S; Baishnab, KL; Paul, PK; Rao, KS	Design of high gain, high bandwidth neural amplifier IC considering noise-power trade-off	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2021	10.1007/s00542-018-4142-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
457	Babu, KR; Naganjaneyulu, PV; Prasad, KS	Comparative Analysis of Active Contour Models for Brain Tumor segmentation from T1w MRI Images.	2021 INTERNATIONAL CONFERENCE ON COMPUTER COMMUNICATION AND INFORMATICS (ICCCI)	2021	10.1109/ICCCI50826.2021.9402433	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
458	Kumar, MJ; Kumar, GVSR; Krishna, PSR; Sai, NR	Secure and Efficient Data Transmission for Wireless Sensor Networks by using Optimized Leach Protocol	PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON INVENTIVE COMPUTATION TECHNOLOGIES (ICICT 2021)	2021	10.1109/ICICT50816.2021.9358729	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
459	Saminathan, P; SenthilKumar, M; Shanmugan, S; Chithambaram, V	Influence of Lysine-doped Tartaric Acid-Potassium Bromide single crystals: growth and characterization of photonic applications	INDIAN JOURNAL OF PHYSICS	2021	10.1007/s12648-020-01806-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
460	Gorla, US; Rao, GSNK; Kulandaivelu, U; Alavala, RR; Das, S; Joseph, A	Bioflavonoids as potential target inhibitors in COVID-19: An in silico analysis	JOURNAL OF RESEARCH IN PHARMACY	2021	10.29228/jrp.94	Emerging Sources Citation Index (ESCI)	WOS Proof
461	Rao, VS; Mounika, V; Sai, NR; Kumar, GSC	Usage of Saliency Prior Maps for Detection of Salient Object Features	PROCEEDINGS OF THE 2021 FIFTH INTERNATIONAL CONFERENCE ON I-SMAC (IOT IN SOCIAL, MOBILE, ANALYTICS AND CLOUD) (I-SMAC 2021)	2021	10.1109/I-SMAC52330.2021.9640684	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
462	Varghese, AB; Gokilavani, M; Kunjachan, M; Namboodhiri, A; Menezes, G	AI Based Caregiver for Dementia Patients Ana	PROCEEDINGS OF THE 2021 FIFTH INTERNATIONAL CONFERENCE ON I-SMAC (IOT IN SOCIAL, MOBILE, ANALYTICS AND CLOUD) (I-SMAC 2021)	2021	10.1109/I-SMAC52330.2021.9640970	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
463	Joshi, SP; Poluraju, P; Singh, UK	Evaluation on Dowel Force of Flexural Reinforcement with Shear Reinforcement Provided under Four Point Bending Load	KSCE JOURNAL OF CIVIL ENGINEERING	2021	10.1007/s12205-021-1557-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

464	Sriramulu, K; Swapna, K; Venkateswarlu, M; Mahamuda, S; Rao, AS	Effective sensitization of Yb ³⁺ ions on Yb ³⁺ /Nd ³⁺ co-doped fluoroborate glasses for NIR luminescence applications	OPTICAL MATERIALS	2021	10.1016/j.optmat.2021.111592	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
465	Rao, KS; Sailaja, BVS; Vineetha, KV; Kumar, PA; Guha, K; Sravani, KG	Design and analysis of asymmetric structure capacitive RF MEMS shunt switch	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2021	10.1007/s00542-018-4039-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
466	Balajee, RM; Mohapatra, H; Deepak, V; Babu, DV	Requirements Identification on Automated Medical Care with Appropriate Machine Learning Techniques	PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON INVENTIVE COMPUTATION TECHNOLOGIES (ICICT 2021)	2021	10.1109/ICICT50816.2021.9358683	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
467	Vedavathi, N; Dharmiah, G; Gaffar, SA; Venkatadri, K	Entropy analysis of nanofluid magnetohydrodynamic convection flow past an inclined surface: A numerical review	HEAT TRANSFER	2021	10.1002/htj.22159	Emerging Sources Citation Index (ESCI)	WOS Proof
468	Khan, KA; Raut, A; Chandrudu, CR; Sashidhar, C	Design and development of sustainable geopolymer using industrial copper byproduct	JOURNAL OF CLEANER PRODUCTION	2021	10.1016/j.jclepro.2020.123565	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
469	Dido, AA; Tesfaye, K; Krishna, MSR; Degefu, DT; Singh, BJK	Diversity within and among Ethiopian barley (<i>Hordeum vulgare</i> L.) landraces in resistance to barley net blotch (<i>Pyrenophora teres</i> F. <i>teres</i> (Ptt))	AUSTRALASIAN PLANT PATHOLOGY	2021	10.1007/s13313-020-00764-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
470	Dhananjaya, G; Raghunadh, A; Kumar, PM; Reddy, SP; Murthy, VN; Anna, VR; Pal, M	Urea as an Ammonia Surrogate in the Hantzsch's Synthesis of Polyhydroquinolines / 1,4-dihydropyridines under Green Reaction Conditions	LETTERS IN ORGANIC CHEMISTRY	2021	10.2174/1570178617999200713144504	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC); Current Chemical Reactions (CCR-EXPANDED)	WOS Proof
471	Sai, NR; Chandana, BS; Praveen, SP; Kumar, SS; Kumar, MJ	Improving Performance of IDS by using Feature Selection with IG-R	PROCEEDINGS OF THE 2021 FIFTH INTERNATIONAL CONFERENCE ON I-SMAC (IOT IN SOCIAL, MOBILE, ANALYTICS AND CLOUD) (I-SMAC 2021)	2021	10.1109/I-SMAC52330.2021.9640749	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
472	Dido, AA; Singh, BJK; Degefu, DT; Tesfaye, K; Krishna, MSR	Diversity and resistance components analysis of barley landraces to barley shoot fly (<i>Delia flavibasis</i>)	JOURNAL OF PLANT DISEASES AND PROTECTION	2021	10.1007/s41348-020-00364-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
473	Vesala, GT; Ghali, VS; Subhani, S; Prasanthi, YN	Material characterisation by enhanced resolution in non-stationary thermal wave imaging	INSIGHT	2021	10.1784/insi.2021.63.12.721	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
474	Ahmadsaidulu, S; Prakash, MD	Impacts of gate length and doping concentrations on the performance of silicon nanowire Field effect Transistor	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.01.849	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
475	Endoori, S; Gulipalli, KC; Bodige, S; Ravula, P; Seelam, N	Design, synthesis, anticancer activity, and in silico studies of novel imidazo[1,2-a]pyridine based 1H-1,2,3-triazole derivatives	JOURNAL OF HETEROCYCLIC CHEMISTRY	2021	10.1002/jhet.4259	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC)	WOS Proof
476	Tirumani, VHL; Tenneti, M; Srikavya, KC; Kotamraju, SK	Image resolution and contrast enhancement with optimal brightness compensation using wavelet transforms and particle swarm optimization	IET IMAGE PROCESSING	2021	10.1049/ipr2.12268	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
477	Srilekha, G; Pardhasaradhi, P; Madhav, BTP; VenkateswaraRao, M; Rao, MC	A compact low frequency dual band liquid crystal polymer antenna for VHF and UHF band applications	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.12.1212	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
478	Rao, KS; Kumar, PA; Guha, K; Sailaja, BVS; Vineetha, KV; Baishnab, KL; Sravani, KG	Design and simulation of fixed-fixed flexure type RF MEMS switch for reconfigurable antenna	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2021	10.1007/s00542-018-3983-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

479	Satyanarayana, MV; Mehta, B; Prasad, KRS; Rao, MVB	1-Butyl-3-methylimidazolium Tetrafluoroborate ([BMIM]BF ₄): An Efficient Ionic Liquid Medium for the Synthesis of Novel 2-(Oxazolo[5,4-b]pyridin-2-yl)-N-phenylbenzamides	RUSSIAN JOURNAL OF ORGANIC CHEMISTRY	2021	10.1134/S1070428021020147	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC)	WOS Proof
480	Anguraj, DK; Mandhala, VN; Bhattacharyya, D; Kim, TH	Hybrid neural network classification for irrigation control in WSN based precision agriculture	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING	2021	10.1007/s12652-020-02704-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
481	Karnik, KS; Sarkate, AP; Lokwani, DK; Narula, IS; Burra, PVLS; Wakte, PS	Development of triple mutant T790M/C797S allosteric EGFR inhibitors: a computational approach	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	2021	10.1080/07391102.2020.1786460	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
482	Prasad, AVSR; Ramji, K; Kolli, M	Machinability studies of lead induced Ti-6Al-4V alloy using Taguchi technique on WEDM process	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.12.652	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
483	Vedavathi, N; Dharmiah, G; Gaffar, SA; Venkatadri, K	Entropy analysis of magnetohydrodynamic nanofluid transport past an inverted cone: Buongiorno's model	HEAT TRANSFER	2021	10.1002/htj.22021	Emerging Sources Citation Index (ESCI)	WOS Proof
484	Rao, KS; Vali, SS; Kumar, PA; Sravani, KG	Design and Analysis of MEMS Electro Spray Thruster Device	TRANSACTIONS ON ELECTRICAL AND ELECTRONIC MATERIALS	2021	10.1007/s42341-020-00226-8	Emerging Sources Citation Index (ESCI)	WOS Proof
485	Patjoshi, RK; Panigrahi, R; Kolluru, VR	Variable nonlinear gain fuzzy with improved synchronous reference frame control strategy for performance enhancement of unified power quality conditioner	AIN SHAMS ENGINEERING JOURNAL	2021	10.1016/j.asej.2020.04.004	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
486	Saha, R; Ghosh, P; Burra, VLSP	Designing a next generation multi-epitope based peptide vaccine candidate against SARS-CoV-2 using computational approaches	3 BIOTECH	2021	10.1007/s13205-020-02574-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
487	Ogirala, VPRSK; Priya, VSP; Sundaramoorthy, A	SWCNT and PANI Nanocomposite Thin Films Fabrication for Improved EMI Shielding Effectiveness	2021 IEEE 16TH NANOTECHNOLOGY MATERIALS AND DEVICES CONFERENCE (NMDC 2021)	2021	10.1109/NMDC50713.2021.9677499	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
488	Tumuluru, P; Raju, SH; Sudarsa, D; Rao, PV; Sudarsa, S; Burra, LR	Smart Camera for monkeys: A Novel IoT approach for detection and controlling the monkeys using YOLOv3	PROCEEDINGS OF THE 2021 FIFTH INTERNATIONAL CONFERENCE ON I-SMAC (IOT IN SOCIAL, MOBILE, ANALYTICS AND CLOUD) (I-SMAC 2021)	2021	10.1109/I-SMAC52330.2021.9641030	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
489	Srikanth, B; Gowrisankar, M; Ramachandran, D; Babu, S	Elucidation of molecular interactions in the mixtures of 2-methoxyaniline with isomeric xylenes through transport and thermodynamic properties at T=303.15, 308.15, and 313.15 K	PHYSICS AND CHEMISTRY OF LIQUIDS	2021	10.1080/00319104.2021.91711088	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
490	Pratheba, S; Rajeswari, M; Johnpaul, V; Balasundaram, N; Lingeshwaran, N; Kumar, V	Experimental investigation on environmental utilization of e-waste management	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.07.471	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
491	Belmajdoub, A; Jorio, M; Bennani, S; Das, S; Madhav, BTP	Design of a compact reconfigurable bandpass filter using interdigital capacitor, DMS slots and varactor diode for wireless RF systems	JOURNAL OF INSTRUMENTATION	2021	10.1088/1748-0221/16/11/P11013	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
492	Atgur, V; Manavendra, G; Desai, GP; Rao, BN	Thermal characterisation of dairy washed scum methyl ester and its b-20 blend for combustion applications	INTERNATIONAL JOURNAL OF AMBIENT ENERGY	2021	10.1080/01430750.2021.1909651	Emerging Sources Citation Index (ESCI)	WOS Proof
493	Sravani, KG; Guha, K; Rao, KS	Design of a novel step structure RF MEMS switch for K-band applications	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2021	10.1007/s00542-020-04943-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
494	Phani, TSS; Arumalla, A; Prakash, MD	Partial dynamic reconfiguration framework for FPGA: A survey with concepts, constraints and trends	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.01.851	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof

495	Rao, NS; Kalyani, K; Prasad, K	Fixed point results for weak contractions in partially ordered b-metric space	BMC RESEARCH NOTES	2021	10.1186/s13104-021-05649-x	Emerging Sources Citation Index (ESCI)	WOS Proof
496	Kruthiventi, SS; Rasu, NG; Rao, YVH	Modelling and Parametric Analysis of Wire Finned Coiled Tube Heat Exchanger in a Small J-T Refrigerator	INTERNATIONAL JOURNAL OF HEAT AND TECHNOLOGY	2021	10.18280/ijht.390326	Emerging Sources Citation Index (ESCI)	WOS Proof
497	Khan, R; Kumar, KR; Zhao, TL	Assessment of variations of air pollutant concentrations during the COVID-19 lockdown and impact on urban air quality in South Asia	URBAN CLIMATE	2021	10.1016/j.uclim.2021.100908	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
498	Vanaja, A; Mallick, SP; Kulandaivelu, U; Kumar, A; Yella, VR	Symphony of the DNA flexibility and sequence environment orchestrates p53 binding to its responsive elements	GENE	2021	10.1016/j.gene.2021.145892	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
499	Kiruthiga, S; Mythili, S; Mukesh, R; Vijay, M; Ratnam, DV	Analysis of TEC values predicted by OKSM amongst low, mid and high latitude GPS stations during X 9.3 solar flare	ASTROPHYSICS AND SPACE SCIENCE	2021	10.1007/s10509-021-03986-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
500	Sailaja, P; Mahamuda, S; Swapna, K; Venkateswarlu, M; Rao, AS	Optical properties of Sm ³⁺ ions doped 10SrO-(10-x) Al ₂ O ₃ -10BaCl ₂ -60B ₂ O ₃ -10TeO ₂ glasses for reddish orange laser applications	MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS	2021	10.1016/j.mseb.2021.115198	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
501	Kumar, A; Ranjan, P	Defects signature in VOC characterization of thin-film solar cells	SOLAR ENERGY	2021	10.1016/j.solener.2021.03.017	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
502	Rani, PR; Venkateswarlu, M; Swapna, K; Mahamuda, S; Talewar, RA; Devi, CBA; Rao, AS	NIR photoluminescence studies of Nd ³⁺ doped B ₂ O ₃ -BaF ₂ -PbF ₂ -Al ₂ O ₃ glasses for 1.063 μm laser applications	JOURNAL OF LUMINESCENCE	2021	10.1016/j.jlumin.2020.117701	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
503	Mekala, JR; Kurappalli, RK; Ramalingam, P; Moparthy, NR	N-acetyl L-aspartate and Triacetin modulate tumor suppressor MicroRNA and class I and II HDAC gene expression induce apoptosis in Glioblastoma cancer cells in vitro	LIFE SCIENCES	2021	10.1016/j.lfs.2021.120024	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
504	Deshmukh, M; Mihovska, A; Prasad, R	Detection for Spectrum Sensing in CRN under Impact of Distributional Uncertainty of Noise and Interference	2021 IEEE INTERNATIONAL CONFERENCE ON ADVANCED NETWORKS AND TELECOMMUNICATIONS SYSTEMS (IEEE ANTS)	2021	10.1109/ANTS52808.2021.9936928	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
505	Khan, AU; Puree, R; Mohanta, BK; Chedup, S	Detection and Prevention of Blackhole Attack in AODV of MANET	2021 IEEE INTERNATIONAL IOT, ELECTRONICS AND MECHATRONICS CONFERENCE (IEMTRONICS)	2021	10.1109/IEMTRONICS52119.2021.9422643	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
506	Reddy, CR; Reddy, KH; Goud, BS; Pakkiraiah, B	A Deep learning approach for Islanding Detection of Integrated DG with CWT and CNN	2021 INTERNATIONAL CONFERENCE ON SUSTAINABLE ENERGY AND FUTURE ELECTRIC TRANSPORTATION (SEFET)	2021	10.1109/SeFet48154.2021.9375798	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
507	Babu, KP; Rao, GSN; Kondabala, R	A DESIGN OF IDENTITY (FACIAL) RECOGNITION SYSTEM FOR SMART HOME BASED ON INTERNET OF THINGS	ADVANCES AND APPLICATIONS IN MATHEMATICAL SCIENCES	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
508	Karumuri, SR; Mohammed, H; Guha, K; Puli, AK; Einsanwi, A; Kondavitee, GS	Design, simulation and analysis of micro electro-mechanical system microneedle for micropump in drug delivery systems	IET NANOBIO TECHNOLOGY	2021	10.1049/nbt2.12013	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
509	Nigam, P; Muduli, A; Sharma, S; Pal, A	Tri-fed SIW based self-triplexer antenna for X-band applications	INTERNATIONAL JOURNAL OF APPLIED ELECTROMAGNETICS AND MECHANICS	2021	10.3233/JAE-201639	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
510	Mohammad, AAK; Lodhi, AK; Bari, A; Hussain, MA	EFFICIENT MOBILE SINK LOCATION PLACEMENT BY RESIDUAL STATUS IN WSN TO ENHANCE THE NETWORK LIFETIME	JOURNAL OF ENGINEERING SCIENCE AND TECHNOLOGY	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
511	Kruthiventi, SS; Rasu, NG; Rao, YVH	Performance of wire finned coiled tube heat exchanger in a small J-T refrigerator	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.10.884	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof

512	Arora, V; Mulaveesala, R; Kumar, S; Wuriti, S	Non-destructive evaluation of carbon fiber reinforced polymer using Golay coded thermal wave imaging	INFRARED PHYSICS & TECHNOLOGY	2021	10.1016/j.infrared.2021.103908	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
513	Gudivada, AA; Kumar, KJ; Jajula, SR; Siddani, DP; Poola, PK; Vourganti, V; Panigrahy, AK	Design of area-efficient high speed 4 x 4 Wallace tree multiplier using quantum-dot cellular automata	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.07.677	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
514	Sravani, KG; Ramakrishna, D; Chandh, P; Sathvik, K; Rao, KS	Design of Micropump with two stacked ring type piezoelectric actuators for drug delivery	JOURNAL OF MICRO-BIO ROBOTICS	2021	10.1007/s12213-022-00146-1	Emerging Sources Citation Index (ESCI)	WOS Proof
515	Shamim, SM; Das, S; Hossain, MA; Madhav, BTP	Investigations on Graphene-Based Ultra-Wideband (UWB) Microstrip Patch Antennas for Terahertz (THz) Applications	PLASMONICS	2021	10.1007/s11468-021-01423-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
516	Senthil, S; Raman, DN; Sundaramoorthy, A	Study of the magnetic properties of Mn-doped iron titanate nanoparticles fabricated using natural mineral	MICRO & NANO LETTERS	2021	10.1049/mna2.12039	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
517	Sridhar, W; Lakshmi, GV; Al-Farhany, K; Ganesh, GR	MHD Williamson nanofluid across a permeable medium past an extended sheet with constant and irregular thickness	HEAT TRANSFER	2021	10.1002/htj.22270	Emerging Sources Citation Index (ESCI)	WOS Proof
518	Joshua, ESN; Bhattacharyya, D; Chakkravarthy, M; Byun, YC	3D CNN with Visual Insights for Early Detection of Lung Cancer Using Gradient-Weighted Class Activation	JOURNAL OF HEALTHCARE ENGINEERING	2021	10.1155/2021/6695518	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
519	Dabbakuti, JRKK; Peesapati, R; Panda, SK; Thummala, S	Modeling and analysis of ionospheric TEC variability from GPS-TEC measurements using SSA model during 24th solar cycle	ACTA ASTRONAUTICA	2021	10.1016/j.actaastro.2020.08.034	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
520	Rao, GM; Srinivasacharya, D; Sreenath, I; Bhagavan, VS	Pulsatile Flow of Copper Suspended Nanofluid Venture Through a Bifurcated Artery	COMMUNICATIONS IN MATHEMATICS AND APPLICATIONS	2021	10.26713/cma.v12i4.1611	Emerging Sources Citation Index (ESCI)	WOS Proof
521	Rajani, CH; Anuradha, V; Gowrisankar, M; Babu, S	Binary mixtures of 2-methyl cyclohexanone with various functional groups (Thermodynamic and acoustic properties)	INTERNATIONAL JOURNAL OF AMBIENT ENERGY	2021	10.1080/01430750.2021.1888799	Emerging Sources Citation Index (ESCI)	WOS Proof
522	Panda, SK; Haralambous, H; Moses, M; Dabbakuti, JRKK; Tariku, YA	Ionospheric and plasmaspheric electron contents from space-time collocated digisonde, COSMIC, and GPS observations and model assessments	ACTA ASTRONAUTICA	2021	10.1016/j.actaastro.2020.12.005	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
523	Gurijalao, SB; Kishoreo, DR; Nittalao, R; Godalao, RR	Stability analysis and efficiency improvement of IPFC using latest PR controller	ARCHIVES OF ELECTRICAL ENGINEERING	2021	10.24425/aee.2021.137577	Emerging Sources Citation Index (ESCI)	WOS Proof
524	Panda, SP; Panigrahy, UP; Mallick, SP; Prasanth, D; Raghavendra, M	Screening assessment of trimethoxy flavonoid and-(-)-epigallocatechin-3-gallate against formalin-induced arthritis in Swiss albino rats and binding properties on NF- κ B-MMP9 proteins	FUTURE JOURNAL OF PHARMACEUTICAL SCIENCES	2021	10.1186/s43094-021-00359-4	Emerging Sources Citation Index (ESCI)	WOS Proof
525	Mubeena, S; Meghana, N; Annapareddy, G; Chen, YS; Sarma, M; Wong, KT	Reversible Fluorescence Switching of Donor-Acceptor Type Bipyridines by Simple Protonation-Deprotonation Equilibria	AUSTRALIAN JOURNAL OF CHEMISTRY	2021	10.1071/CH21054	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
526	Rao, PCS; Kumar, AJS; Niyaz, Q; Sidike, P; Devabhaktuni, VK	Binary chemical reaction optimization based feature selection techniques for machine learning classification problems	EXPERT SYSTEMS WITH APPLICATIONS	2021	10.1016/j.eswa.2020.114169	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

527	Kumar, GSVS; Kumar, A; Rajesh, S; Chekuri, RBR; Sundaramurthy, VP	Experimental and thermal investigation with optimization on friction stir welding of nylon 6A using Taguchi and microstructural analysis	ADVANCES IN MECHANICAL ENGINEERING	2021	10.1177/16878140211050737	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
528	Baskaran, G; Kannaiah, SK; Ramanujam, S	A secured authentication and DSM-KL ascertained performance optimization of a hybrid block chain-enabled framework for a multiple WSN	INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS	2021	10.1002/dac.4972	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
529	Prasad, KR; Reddy, BE; Mohammed, M	An effective assessment of cluster tendency through sampling based multi-viewpoints visual method	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING	2021	10.1007/s12652-020-02710-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
530	Rao, TS; Vazram, BJ; Devi, SA; Rao, BS	A Novel Approach for Detecting Traffic Signs using Deep Learning	PROCEEDINGS OF THE 2021 FIFTH INTERNATIONAL CONFERENCE ON I-SMAC (IOT IN SOCIAL, MOBILE, ANALYTICS AND CLOUD) (I-SMAC 2021)	2021	10.1109/I-SMAC52330.2021.9640935	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
531	Panda, SS; Jena, D; Mohanta, BK; Patnaik, S	A blockchain-based ITS framework with privacy preserving for secure and reliable communication	INTERNATIONAL JOURNAL OF COMMUNICATION NETWORKS AND DISTRIBUTED SYSTEMS	2021	10.1504/IJCND.2021.119209	Emerging Sources Citation Index (ESCI)	WOS Proof
532	Kantipudi, MVVP; Kumar, S; Jha, AK	Scene Text Recognition Based on Bidirectional LSTM and Deep Neural Network	COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE	2021	10.1155/2021/2676780	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
533	Meeravali, S; Bhattacharyya, D; Rao, NT; Hu, YC	Performance analysis of an improved forked communication network model	CONNECTION SCIENCE	2021	10.1080/09540091.2020.1867064	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
534	Vamsi, B; Bhattacharyya, D; Midhunchakkravarthy, D; Kim, JY	Early Detection of Hemorrhagic Stroke Using a Lightweight Deep Learning Neural Network Model	TRAITEMENT DU SIGNAL	2021	10.18280/ts.380616	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
535	Kumar, A; Thakur, AD	Impurity photovoltaic and split spectrum for efficiency gain in Cu ₂ ZnSnS ₄ solar cells	OPTIK	2021	10.1016/j.ijleo.2021.166783	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
536	Kuniyil, M; Kumar, JVS; Adil, SF; Assal, ME; Shaik, MR; Khan, M; Al-Warthan, A; Siddiqui, MRH	Production of biodiesel from waste cooking oil using ZnCuO/N-doped graphene nanocomposite as an efficient heterogeneous catalyst	ARABIAN JOURNAL OF CHEMISTRY	2021	10.1016/j.arabjc.2020.102982	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
537	Jena, BR; Rao, GSNK; Alavala, RR; Desu, PK; Chakravarthi, G; Swain, S; Pradhan, DP; Niharika, P	Response Surface Methodology Driven Systematic Development of a Stability- indicating RP-UPLC Method for the Quantification of Aliskiren: A Renin Inhibitor	JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL	2021	10.9734/JPRI/2021/v33i52B33617	Emerging Sources Citation Index (ESCI)	WOS Proof
538	Rajendran, R; Narasimharao, B; Preethi, P; Shais, ARM; Naveen, D; Anand, RP; Narentheran, S; Lingeshwaran, N; Pratheba, S	Strength analysis of geo-polymer concrete based on GGBS/rise husk and p-sand	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.08.126	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
539	Tayal, S; Samrat, P; Keerthi, V; Jena, B; Rajendra, K	Conventional vs. junctionless gate-stack DG-MOSFET based CMOS inverter	INTERNATIONAL JOURNAL OF NANO DIMENSION	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
540	Kishan, GS; Kumar, YH; Sakthivel, M; Vijayakumar, R; Lingeshwaran, N	Life cycle assesment on tire derived fuel as alternative fuel in cement industry	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.07.472	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof

541	Sreenivasulu, J; Dukkipati, S; Marthanda, AVGA; Pandian, A	Forecasting of photovoltaic power using probabilistic approach	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.12.910	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
542	Lakshmi, YA; Swapna, K; Mahamuda, S; Venkateswarlu, M; Rao, AS	Photoluminescence properties of Sm ³⁺ ions doped Bismuth Boro tellurite glasses	SOLID STATE SCIENCES	2021	10.1016/j.solidstatesciences.2021.106609	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
543	Mallu, MR; Anjum, SM; Katravulapalli, SSS; Avuthu, SSP; Gujjula, KR; Veeravilli, S; Manne, AA	Metabolomic Interactions: An Insight into Health and Disease	JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL	2021	10.9734/JPRI/2021/v33i39A32142	Emerging Sources Citation Index (ESCI)	WOS Proof
544	Bisoyi, SS; Mishra, P; Mishra, SN	High Frequency Rule Synthesis in a Large Scale Multiple Database with MapReduce	INTERNATIONAL JOURNAL OF ELECTRONICS AND TELECOMMUNICATIONS	2021	10.24425/ijet.2022.139865	Emerging Sources Citation Index (ESCI)	WOS Proof
545	Sree, KPNVS; Karthik, J; Niharika, C; Srinivas, PVVS; Ravinder, N; Prasad, C	Optimized Conversion of Categorical and Numerical Features in Machine Learning Models	PROCEEDINGS OF THE 2021 FIFTH INTERNATIONAL CONFERENCE ON I-SMAC (IOT IN SOCIAL, MOBILE, ANALYTICS AND CLOUD) (I-SMAC 2021)	2021	10.1109/I-SMAC52330.2021.9640967	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
546	Joshua, ESN; Bhattacharyya, D; Chakkravarthy, M; Kim, HJ	Lung Cancer Classification Using Squeeze and Excitation Convolutional Neural Networks with Grad Cam plus plus Class Activation Function	TRAITEMENT DU SIGNAL	2021	10.18280/ts.380421	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
547	Matukumalli, V; Maddi, SNS; Angirekula, KK; Pulicherla, VR; Kumar, AMS; Maridurai, T; Sathish, T; Kasinathan, D	Augment reality chatbot using cloud	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.03.058	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
548	Khan, R; Kumar, KR; Zhao, TL	The Impact of Lockdown on Air Quality in Pakistan during the COVID-19 Pandemic Inferred from the Multi-sensor Remote Sensed Data	AEROSOL AND AIR QUALITY RESEARCH	2021	10.4209/aaqr.200597	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
549	Suresh, G; Srinivasan, T; Chidambaram, CT; Santhoshpriya, K; Vijayakumar, KR; Kumar, MD	A study on sliding wear behaviour of carbon fiber reinforced IPN composites	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.05.124	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
550	Singh, RJ; Raut, AN	Investigation of newly developed copper slag incorporated foamed geopolymer and its conjugate heat transfer analysis	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.10.208	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
551	Pragathi, D; Prasad, D; Padma, T; Reddy, PR; Kumari, CU; Poola, PK; Panigrahy, AK	An extensive survey on reduction of noise coupling in TSV based 3D IC integration	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.07.576	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
552	Naveena, N; Satyanarayana, GC; Raju, AD; Rao, KS; Umakanth, N	Spatial and statistical characteristics of heat waves impacting India	AIMS ENVIRONMENTAL SCIENCE	2021	10.3934/environsci.2021009	Emerging Sources Citation Index (ESCI)	WOS Proof
553	Mallick, SP; Panda, SP; Gayatri, A; Kunaal, Y; Naresh, C; Suman, DK; Samineni, J; Siddiqui, N; Singh, BN	Chitosan Oligosaccharide Based Hydrogel: an Insight into the Mechanical, Drug Delivery, and Antimicrobial Studies	BIOINTERFACE RESEARCH IN APPLIED CHEMISTRY	2021	10.33263/BRIAC113.1029310300	Emerging Sources Citation Index (ESCI)	WOS Proof

554	Krsihna, BV; Ravi, S; Prakash, MD	Recent developments in graphene based field effect transistors	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.07.678	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
555	Ammulu, MA; Viswanath, KV; Giduturi, AK; Vemuri, PK; Mangamuri, U; Poda, S	Phytoassisted synthesis of magnesium oxide nanoparticles from Pterocarpus marsupium rox.b heartwood extract and its biomedical applications	JOURNAL OF GENETIC ENGINEERING AND BIOTECHNOLOGY	2021	10.1186/s43141-021-00119-0	Emerging Sources Citation Index (ESCI)	WOS Proof
556	Wang, JH; Alakol, N; Wang, X; He, DP; Kumar, KR; Miao, CS	The Strong Precipitation of the Dry Warm Front Cyclone in Syria and Its Prediction by Data Mining Modeling	ATMOSPHERE	2021	10.3390/atmos12121667	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
557	Ravali, B; Krishna, KBG; Kanth, DR; Chari, KJB; Prabhu, SV; Ramesh, R	RETRACTED: Empirical Investigation on Compressive Strength of Geopolymer and Conventional Concretes by Nondestructive Method (Retracted Article)	ADVANCES IN MATERIALS SCIENCE AND ENGINEERING	2021	10.1155/2021/9575964	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
558	Gambhire, SJ; Kishore, DR; Londhe, PS; Pawar, SN	Review of sliding mode based control techniques for control system applications	INTERNATIONAL JOURNAL OF DYNAMICS AND CONTROL	2021	10.1007/s40435-020-00638-7	Emerging Sources Citation Index (ESCI)	WOS Proof
559	Prakash, PGO; Maram, B; Nalinipriya, G; Cristin, R	Harmony search Hawks optimization-based Deep reinforcement learning for intrusion detection in IoT using nonnegative matrix factorization	INTERNATIONAL JOURNAL OF WAVELETS MULTIREOLUTION AND INFORMATION PROCESSING	2021	10.1142/S0219691320500939	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
560	Nguyen, TT; Nallapaty, S; Rao, GSNK; Koneru, ST; Annam, SSP; Tatipamula, VB	Evaluating the In Vitro Activity of Depsidones from Usnea subfloridana Stirton as Key Enzymes Involved in Inflammation and Gout	PHARMACEUTICAL SCIENCES	2021	10.34172/PS.2020.73	Emerging Sources Citation Index (ESCI)	WOS Proof
561	Harika, S; Kumar, YS; Rao, YM; Sriram, P; Shankar, U	Design and Evaluation of Sustained Release of Ornidazole by Dental Inserts	CURRENT DRUG METABOLISM	2021	10.2174/1389200222666210222152940	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
562	Sarkar, S; Dey, U; Khohliwe, TB; Yella, VR; Kumar, A	Analysis of nucleoid-associated protein-binding regions reveals DNA structural features influencing genome organization in Mycobacterium tuberculosis	FEBS LETTERS	2021	10.1002/1873-3468.14178	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
563	Ganesan, V; Sobhana, M; Anuradha, G; Yellamma, P; Devi, OR; Prakash, KB; Naren, J	Quantum inspired meta-heuristic approach for optimization of genetic algorithm	COMPUTERS & ELECTRICAL ENGINEERING	2021	10.1016/j.compeleceng.2021.107356	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
564	Kolahalam, LA; Prasad, KRS; Krishna, PM; Supraja, N	Saussurea lappa plant rhizome extract-based zinc oxide nanoparticles: synthesis, characterization and its antibacterial, antifungal activities and cytotoxic studies against Chinese Hamster Ovary (CHO) cell lines	HELIYON	2021	10.1016/j.heliyon.2021.e07265	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
565	Kumar, KK; Srikanth, B; Kasiviswanadham, Y; Subbarao, CDV; Indira, DNVSLS; Pratap, NL	The importance of light-weight encryption cipher in restricted IoT systems to make intelligent technology safer for devices	APPLIED NANOSCIENCE	2021	10.1007/s13204-021-01928-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
566	Ali, A; Singh, BN; Yadav, S; Ershad, M; Singh, SK; Mallick, SP; Pyare, R	CuO assisted borate 1393B3 glass scaffold with enhanced mechanical performance and cytocompatibility: An In vitro study	JOURNAL OF THE MECHANICAL BEHAVIOR OF BIOMEDICAL MATERIALS	2021	10.1016/j.jmbbm.2020.104231	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
567	Babu, KR; Nagajaneyulu, PV; Prasad, KS	Brain Tumor Segmentation of T1w MRI Images Based on Clustering Using Dimensionality Reduction Random Projection Technique	CURRENT MEDICAL IMAGING	2021	10.2174/1573405616666200712180521	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
568	Rao, PCS; Lalwani, P; Banka, H; Rao, GSN	Competitive swarm optimization based unequal clustering and routing algorithms (CSO-UCRA) for wireless sensor networks	MULTIMEDIA TOOLS AND APPLICATIONS	2021	10.1007/s11042-021-10901-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

569	Yellareddy, P; Kumar, CNSSP; Gowrisankar, M; Babu, S; Rathnam, MV	Study on molecular interactions of binary mixtures of 2,6 dimethyl cyclohexanone with substituted anilines at T = (303.15-313.15)K through thermodynamic properties and FT-IR spectra and correlation with the Jouyban-Acree model	JOURNAL OF MOLECULAR LIQUIDS	2021	10.1016/j.molliq.2021.117708	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
570	Sekhar, PC; Rao, NT; Bhattacharyya, D; Kim, TH	Segmentation of Natural Images with K-Means and Hierarchical Algorithm based on Mixture of Pearson Distributions	JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH	2021		Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
571	Shekar, PVR; Latha, DM; Kumari, K; Pisipati, VGKM	Optimal parameters for fiber Bragg gratings for sensing applications: a spectral study	SN APPLIED SCIENCES	2021	10.1007/s42452-021-04650-0	Emerging Sources Citation Index (ESCI)	WOS Proof
572	Mawlong, LPL; Biroju, RK; Giri, PK	Low-Temperature Chemical Vapor Deposition Growth of MoS2 Nanodots and Their Raman and Photoluminescence Profiles	FRONTIERS IN NANOTECHNOLOGY	2021	10.3389/fnano.2021.775732	Emerging Sources Citation Index (ESCI)	WOS Proof
573	Shukla, V; Phulara, SC	Impact of Culture Condition Modulation on the High-Yield, High-Specificity, and Cost-Effective Production of Terpenoids from Microbial Sources: a Review	APPLIED AND ENVIRONMENTAL MICROBIOLOGY	2021	10.1128/AEM.02369-20	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
574	Arun, C; Lakshmi, PM; Sethupathy, A; Karthikeyan, S; Sivashanmugam, P; Banu, JR	Study on removal of silver and polyethylene terephthalate from exposed radiography films using enzyme protease	JOURNAL OF MATERIAL CYCLES AND WASTE MANAGEMENT	2021	10.1007/s10163-021-01267-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
575	Jena, BR; Panda, SP; Kulandaivelu, U; Alavala, RR; Rao, GSNK; Swain, S; Pattnaik, G; Ghose, D	AQbD Driven Development of an RP-HPLC Method for the Quantitation of Abiraterone Acetate for its Pharmaceutical Formulations in the Presence of Degradants	TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES	2021	10.4274/tjps.galenos.2021.74150	Emerging Sources Citation Index (ESCI)	WOS Proof
576	Chhipa, MK; Madhav, BTP; Robinson, S; Janyani, V; Suthar, B	Realization of all-optical logic gates using a single design of 2D photonic band gap structure by square ring resonator	OPTICAL ENGINEERING	2021	10.1117/1.OE.60.7.075104	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
577	Kondaiah, A; Rao, YS; Satishkumar; Kamitkar, ND; Ibrahim, SJA; Chandradass, J; Kannan, TTM	Influence of blends of castor seed biodiesel and diesel on engine characteristics	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.01.653	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
578	Reddy, RKK; Arunkumar, MP; Bhagat, V; Reddy, MBSS	Vibro-acoustic characteristics of viscoelastic sandwich panel: effect of inherent damping	INTERNATIONAL JOURNAL OF DYNAMICS AND CONTROL	2021	10.1007/s40435-020-00654-7	Emerging Sources Citation Index (ESCI)	WOS Proof
579	Koutavarapu, R; Manepalli, RKNR; Madhav, BTP; Rao, MC; Shim, J	Structural, optical and magnetic properties of Cd doped ZnO nanomaterials for optoelectronic device application	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2021	10.1007/s10854-021-05795-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
580	Gupta, NK; Yadav, RS; Nagaria, RK; Gupta, D	An Angular 3D Path Selection Protocol in Wireless Sensor Networks	OPEN COMPUTER SCIENCE	2021	10.1515/comp-2020-0203	Emerging Sources Citation Index (ESCI)	WOS Proof
581	Shanthi, G; Rao, KS; Sravani, KG	Performance analysis of EBG bandstop filter using U-shaped meander type electrostatically actuated RF MEMS switch	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2021	10.1007/s00542-020-05157-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
582	Kumar, MJ; Praveen, SP; Tella, KR; Reddy, RVK; Sai, NR	Examination Of Diabetes Mellitus For Ahead Of Schedule Expectation Utilizing Ideal Highlights Determination	PROCEEDINGS OF THE 2021 FIFTH INTERNATIONAL CONFERENCE ON I-SMAC (IOT IN SOCIAL, MOBILE, ANALYTICS AND CLOUD) (I-SMAC 2021)	2021	10.1109/I-SMAC52330.2021.9641001	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof

583	Alekhyia, B; Murugan, NA; Madhav, BTP; Reddy, NKR	Millimeter-Wave Reconfigurable Antenna for 5G Wireless Communications	PROGRESS IN ELECTROMAGNETICS RESEARCH LETTERS	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
584	Rao, MM; Shankar, AU; Rao, MB; Babu, BK	A Realistic Digital Study on Healthcare Practices in Urban Regions	JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL	2021	10.9734/JPRI/2021/v33i56A33904	Emerging Sources Citation Index (ESCI)	WOS Proof
585	Desu, PK; Maddiboyina, B; Vanitha, K; Rao, GSNK; Anusha, R; Jhawar, V	3D Printing Technology in Pharmaceutical Dosage Forms: Advantages and Challenges	CURRENT DRUG TARGETS	2021	10.2174/1389450122666210120142416	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
586	Khuntia, H; Bhavani, KS; Anusha, T; Trinadh, T; Stuparu, MC; Brahman, K	Synthesis and characterization of corannulene-metal-organic framework support material for palladium catalyst: An excellent anode material for accelerated methanol oxidation	COLLOIDS AND SURFACES A-PHYSICO-CHEMICAL AND ENGINEERING ASPECTS	2021	10.1016/j.colsurfa.2021.126237	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
587	Karteek, SD; Reddy, AG; Tej, MB; Rao, MVB	Synthesis and Docking Study of Novel Pyranocoumarin Derivatives	RUSSIAN JOURNAL OF ORGANIC CHEMISTRY	2021	10.1134/S1070428021020196	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC)	WOS Proof
588	Shaik, NB; Mantrala, KM; Narayana, KL	Prediction of corrosion properties of LENS™ deposited cobalt, chromium and molybdenum alloy using artificial neural networks	INTERNATIONAL JOURNAL OF MATERIALS & PRODUCT TECHNOLOGY	2021	10.1504/IJMPT.2021.115212	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
589	Bokam, YK; Guntupalli, C; Gudhanti, SNKR; Alavala, RR; Kumar, GVS; Kulandaivelu, U; Budha, RR	Prospective Study of Irrational Prescribing in an Indian Tertiary Care Hospital: Omission of Prescription and Inappropriate Prescription in a Multidisciplinary Unit	INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES	2021	10.36468/pharmaceutical-sciences.812	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
590	Kumari, S; Shivakrishna, P; Sreenivasulu, K	Molecular docking analysis of two bioactive molecules KLUF10 and KLUF13 isolated from the marine bacteria Micrococcus sp. OUS9 with TNF alpha	BIOINFORMATION	2021	10.6026/97320630017530	Emerging Sources Citation Index (ESCI)	WOS Proof
591	Bodiga, VL; Kudle, MR; Vemuri, PK; Bodiga, S	Crocini inhibits urea-induced amyloid formation by bovine β -lactoglobulin	NEW JOURNAL OF CHEMISTRY	2021	10.1039/d0nj02335c	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
592	Anusha, T; Bhavani, KS; Kumar, JVS; Bonanni, A; Brahman, PK	Fabrication of handmade paper sensor based on silver-cobalt doped copolymer-ionic liquid composite for monitoring of vitamin D3 level in real samples	MICROCHEMICAL JOURNAL	2021	10.1016/j.microc.2020.105789	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
593	Naveenkumar, M; Srithar, S; Kumar, BR; Alagumuthukrishnan, S; Baskaran, P	InceptionResNetV2 for Plant Leaf Disease Classification	PROCEEDINGS OF THE 2021 FIFTH INTERNATIONAL CONFERENCE ON I-SMAC (IOT IN SOCIAL, MOBILE, ANALYTICS AND CLOUD) (I-SMAC 2021)	2021	10.1109/I-SMAC52330.2021.9641025	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
594	Satyanarayana, BVV; Prakash, MD	Lower subthreshold swing and improved miller capacitance heterojunction tunneling transistor with overlapping gate	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.09.420	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
595	Tausif, MR; Haque, MI; Rao, MMS; Khan, MR	Antecedents of Entrepreneurial Intentions: A Comparative Study of Cultures	JOURNAL OF ASIAN FINANCE ECONOMICS AND BUSINESS	2021	10.13106/jafeb.2021.vol18.no5.0381	Emerging Sources Citation Index (ESCI)	WOS Proof
596	Dey, U; Sarkar, S; Teronpi, V; Yella, VR; Kumar, A	G-quadruplex motifs are functionally conserved in cis-regulatory regions of pathogenic bacteria: An in-silico evaluation	BIOCHIMIE	2021	10.1016/j.biochi.2021.01.017	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
597	Karnik, KS; Sarkate, AP; Tiwari, SV; Azad, R; Burra, PVLS; Wakte, PS	Computational and Synthetic approach with Biological Evaluation of Substituted Quinoline derivatives as small molecule L858R/T790M/C797S triple mutant EGFR inhibitors targeting resistance in Non-Small Cell Lung Cancer (NSCLC)	BIOORGANIC CHEMISTRY	2021	10.1016/j.bioorg.2020.104612	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC)	WOS Proof

598	Jena, BR; Panda, SP; Umasankar, K; Swain, S; Rao, GSNK; Damayanthi, D; Ghose, D; Pradhan, DP	Applications of QbD-based Software's in Analytical Research and Development	CURRENT PHARMACEUTICAL ANALYSIS	2021	10.2174/1573412916666200108155853	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
599	Praveen, SP; Sindhura, S; Madhuri, A; Karras, DA	A Novel Effective Framework for Medical Images Secure Storage Using Advanced Cipher Text Algorithm in Cloud Computing	2021 IEEE INTERNATIONAL CONFERENCE ON IMAGING SYSTEMS AND TECHNIQUES (IST)	2021	10.1109/IST50367.2021.9651475	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
600	Kumar, GSVS; Kumar, A; Rajesh, S; Chekuri, RBR; Adigo, AG	RETRACTED: Experimental Investigation and Optimization on Friction Stir Welding of Nylon 6A Using Taguchi and ANOVA with Microstructural Analysis (Retracted Article)	ADVANCES IN MATERIALS SCIENCE AND ENGINEERING	2021	10.1155/2021/7483393	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
601	Bhavani, KS; Anusha, T; Stuparu, MC; Brahman, PK	Synthesis and characterization of palladium nanoparticles-corrannulene nanocomposite: An anode electrocatalyst for direct oxidation of methanol in alkaline medium	JOURNAL OF ELECTROANALYTICAL CHEMISTRY	2021	10.1016/j.jelechem.2021.115654	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
602	Boddu, RSK; Chakravarthi, DS; Venkateswararao, N; Chakravarthy, DSK; Devarajan, A; Kunekar, PR	The Effects of Artificial Intelligence and Medical Technology on the Life of Humany	JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL	2021	10.9734/JPRI/2021/v33i50A33378	Emerging Sources Citation Index (ESCI)	WOS Proof
603	Rajendran, R; Sathishkumar, A; Perumal, K; Pannirselvam, N; Lingeshwaran, N; Madavarapu, SB	An experiment on concrete replacing binding material as waste glass powder	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.06.431	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
604	Sreeram, G; Pradeep, S; Rao, KS; Raju, BD; Nikhat, P	Moving ridge neuronal espionage network simulation for reticulum invasion sensing	INTERNATIONAL JOURNAL OF PERVASIVE COMPUTING AND COMMUNICATIONS	2021	10.1108/IJPC-05-2020-0036	Emerging Sources Citation Index (ESCI)	WOS Proof
605	Gillala, R; Vuyyuru, KR; Jatoth, C; Fiore, U	An efficient chaotic salp swarm optimization approach based on ensemble algorithm for class imbalance problems	SOFT COMPUTING	2021	10.1007/s00500-021-06080-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
606	Singh, AK; Panda, SK; Das, RM	Comparison of polar ionospheric behavior at Arctic and Antarctic regions for improved satellite-based positioning	JOURNAL OF APPLIED GEODESY	2021	10.1515/jag-2021-0033	Emerging Sources Citation Index (ESCI)	WOS Proof
607	Balarak, D; Mengelizadeh, N; Rajiv, P; Chandrika, K	Photocatalytic degradation of amoxicillin from aqueous solutions by titanium dioxide nanoparticles loaded on graphene oxide	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	2021	10.1007/s11356-021-13525-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
608	Rajasoundaran, S; Prabu, AV; Kumar, GS; Malla, PP; Routray, S	Secure Opportunistic Watchdog Production in Wireless Sensor Networks: A Review	WIRELESS PERSONAL COMMUNICATIONS	2021	10.1007/s11277-021-08542-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
609	Hira, S; Bai, AI; Hira, S	An automatic approach based on CNN architecture to detect Covid-19 disease from chest X-ray images	APPLIED INTELLIGENCE	2021	10.1007/s10489-020-02010-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
610	Bodiga, VL; Vemuri, PK; Kudle, MR; Bodiga, S	Zinc ionophores isolated from Terminalia bellirica fruit rind extract protect against cardiomyocyte hypoxia/reoxygenation injury	BIOORGANIC & MEDICINAL CHEMISTRY	2021	10.1016/j.bmc.2021.116394	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
611	Prasanth, DSNBK; Murahari, M; Chandramohan, V; Panda, SP; Atmakuri, LR; Guntupalli, C	In silico identification of potential inhibitors from Cinnamon against main protease and spike glycoprotein of SARS CoV-2	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	2021	10.1080/07391102.2021.1779129	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

612	Koutavarapu, R; Umakanth, N; Madhav, BTP; Rao, MC; Shim, J	Influence of Thermodynamic Indices During Severe Convection over Andaman Nicobar and Lakshadweep Islands	THALASSAS	2021	10.1007/s41208-021-00335-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
613	Islam, MT; Kumar, A; Thakur, AK	Defect Density Control Using an Intrinsic Layer to Enhance Conversion Efficiency in an Optimized SnS Solar Cell	JOURNAL OF ELECTRONIC MATERIALS	2021	10.1007/s11664-021-08881-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
614	Mahamuda, S; Syed, F; Devi, CBA; Swapna, K; Prasad, MVVKS; Venkateswarlu, M; Rao, AS	Spectral characterization of Dy ³⁺ ions doped phosphate glasses for yellow laser applications	JOURNAL OF NON-CRYSTALLINE SOLIDS	2021	10.1016/j.jnoncrysol.2020.120538	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
615	Varalakshmi, M; Rajyalakshmi, K; Charankumar, G; Vu, VD; Nguyen, VD; Chu, NH; Apparao, BV	MULTIRESPONSE OPTIMIZATION OF AGRICULTURAL RESIDUES USING MODIFIED TAGUCHI APPROACH AND STATISTICAL CONDITIONING OF THE DATA	INTERNATIONAL JOURNAL OF AGRICULTURAL AND STATISTICAL SCIENCES	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
616	Veeramachaneni, GK; Thunuguntla, VBSC; Bobbillapati, J; Bondili, JS	Structural and simulation analysis of hotspot residues interactions of SARS-CoV 2 with human ACE2 receptor	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	2021	10.1080/07391102.2020.1773318	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
617	Rao, KS; Vineetha, KV; Sailaja, BVS; Guha, K; Maity, NP; Maity, R; Sravani, KG	Design, simulation and performance analysis bio-sensors for the detection of cholera and diarrhea using MEMS technology	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2021	10.1007/s00542-018-3981-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
618	Elumalai, A; Maruthi, PB; Gautam, N; Priyadarshini, S; Suganthy, M	RETRACTED: Optimal prediction of attacks and arterial stiffness effects on heart disease by hybrid machine learning algorithm (Retracted Article)	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING	2021	10.1007/s12652-020-02706-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
619	Vijaya, N; Jyothi, PK; Anupama, A; Leelavathi, R; Ambica, K	THERMOPHORESIS AND BUOYANCY EFFECTS ON CHEMICALLY REACTIVE UPPER CONVECTED MAXWELL FLUID FLOW INDUCED BY AN EXPONENTIALLY STRETCHING SHEET: APPLICATION OF CATTANEO-CHRISTOV HEAT FLUX	FRONTIERS IN HEAT AND MASS TRANSFER	2021	10.5098/hmt.17.23	Emerging Sources Citation Index (ESCI)	WOS Proof
620	Siddiqui, N; Kishori, B; Rao, S; Anjum, M; Hemanth, V; Das, S; Jabbari, E	Electropsun Polycaprolactone Fibres in Bone Tissue Engineering: A Review	MOLECULAR BIOTECHNOLOGY	2021	10.1007/s12033-021-00311-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
621	Sooryakala, K; Ramalingam, S; Maheswari, R; Aarthi, R; Venkateswarlu, M	Electronic controlled optical activity analysis on NLO crystal; 4-Amino-5-Nitroindole using morphological, spectroscopic and theoretical tools	PHYSICA B-CONDENSED MATTER	2021	10.1016/j.physb.2020.412645	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
622	Arunmetha, S; Dhineshbabu, NR; Kumar, A; Jayavel, R	Preparation of sulfur doped TiO ₂ nanoparticles from rutile sand and their performance testing in hybrid solar cells	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2021	10.1007/s10854-021-07218-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
623	Anne, SP; Valluripalli, SS; Kavuluri, VR; Vallabhaneni, BM	Establishment of back-track method: A simpler approach to determine fiber elastic properties	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.10395	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
624	Maity, R; Maity, NP; Karumuri, SR; Sravani, G; Guha, K	Design of Single Cell Membrane Shape and Array Configuration for MEMS Based Micromachined Ultrasonic Sensor to Improve the Performance: A Three Dimensional Model Characterization	TRANSACTIONS ON ELECTRICAL AND ELECTRONIC MATERIALS	2021	10.1007/s42341-021-00303-6	Emerging Sources Citation Index (ESCI)	WOS Proof
625	Anusha, K; Kumar, VP; Praveenadevi, D	Innovative Practices in Preventive Health Care Services in Covid-19 and Disease Management	BIOSCIENCE BIOTECHNOLOGY RESEARCH COMMUNICATIONS	2021	10.21786/bbrc/14.5/46	Emerging Sources Citation Index (ESCI)	WOS Proof

626	Slimani, A; Das, S; El Alami, A; Madhav, BTP; Bennani, SD; Jorio, M	Phase shift switching of a miniaturized ultra-wideband hybrid coupler for 5G technology	MICROWAVE AND OPTICAL TECHNOLOGY LETTERS	2021	10.1002/mop.32623	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
627	Satyanarayana, BVV; Prakash, MD	Design analysis of GOS-HEFET on lower Subthreshold Swing SOI	ANALOG INTEGRATED CIRCUITS AND SIGNAL PROCESSING	2021	10.1007/s10470-021-01821-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
628	Yadav, A; Chatterjee, S; Equeenuddin, SM	Suspended sediment yield modeling in Mahanadi River, India by multi-objective optimization hybridizing artificial intelligence algorithms	INTERNATIONAL JOURNAL OF SEDIMENT RESEARCH	2021	10.1016/j.ijsrc.2020.03.018	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
629	Deopa, N; Sahu, MK; Kaur, S; Prasad, A; Swapna, K; Kumar, V; Punia, R; Rao, AS	Enhanced visible green and 1.5 μm radiative emission of Er ³⁺ ions in Li ₂ O-PbO-Al ₂ O ₃ -B ₂ O ₃ glasses for photonic applications*	JOURNAL OF RARE EARTHS	2021	10.1016/j.jre.2020.05.002	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
630	Baskar, M; Ramkumar, J; Karthikeyan, C; Anbarasu, V; Balaji, A; Arulananth, TS	Low rate DDoS mitigation using real-time multi threshold traffic monitoring system	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING	2021	10.1007/s12652-020-02744-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
631	Angadi, A; Gorripati, SK; Rachapudi, V; Kuppli, YK; Dileep, P	Image-based Content Recommendation System with CNN	PROCEEDINGS OF THE 2021 FIFTH INTERNATIONAL CONFERENCE ON I-SMAC (IOT IN SOCIAL, MOBILE, ANALYTICS AND CLOUD) (I-SMAC 2021)	2021	10.1109/I-SMAC52330.2021.9641026	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
632	Maddiboyina, B; Jhawar, V; Nakkala, RK; Desu, PK; Gandhi, S	Design expert assisted formulation, characterization and optimization of microemulsion based solid lipid nanoparticles of repaglinide	PROGRESS IN BIOMATERIALS	2021	10.1007/s40204-021-00174-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
633	Chemboli, R; Kapavarapu, R; Deepti, K; Prasad, KRS; Reddy, AG; Kumar, AVDN; Rao, MVB; Pal, M	Pyrrrolo[2,3-b]quinoxalines in attenuating cytokine storm in COVID-19: their sonochemical synthesis and in silico / in vitro assessment	JOURNAL OF MOLECULAR STRUCTURE	2021	10.1016/j.molstruc.2020.129868	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
634	Kavitha, A; Shanmugan, S; Awuchi, CG; Kanagaraj, C; Ravichandran, S	Synthesis and enhanced antibacterial using plant extracts with silver nanoparticles: Therapeutic application	INORGANIC CHEMISTRY COMMUNICATIONS	2021	10.1016/j.inoche.2021.109045	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
635	Kale, VN; Kumaraguru, S; Saravanan, G; Jalaluddeen, AS; Rajkumar, P; Subadevi, R; Sivakumar, M; Gnanamuthu, RM	Influence of nickel strike as adhesive layer on electrodeposited Zn-Co-Ni alloy and their performance in metal-finishing	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.11.157	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
636	Sahu, AK; Swain, G; Sahu, M; Hemalatha, J	Multi-directional block based PVD and modulus function image steganography to avoid FOBP and IEP	JOURNAL OF INFORMATION SECURITY AND APPLICATIONS	2021	10.1016/j.jisa.2021.102808	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
637	Umanath, K; Devika, D; Begum, SR	Experimental investigation of the role of particle size and cutting passes in abrasive waterjet machining process on titanium alloy (Ti-6Al-4V) using Taguchi's method	MATERIALS AND MANUFACTURING PROCESSES	2021	10.1080/10426914.2020.1866202	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
638	Velagapudi, BS; Nannapaneni, HS; Alampally, A; Veeravilli, S; Kumar, DP; Kavuturi, SP; Chodiseti, ST; Siddiqui, N	Studies on Lectin Mediated Agglutination Reaction on Red Blood Cell Surface Antigens Using Hot and Cold Water Plant Extracts	JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL	2021	10.9734/JPRI/2021/v33i59B34351	Emerging Sources Citation Index (ESCI)	WOS Proof

639	Bég, OA; Bég, TA; Munjam, SR; Jangili, S	Homotopy and adomian semi-numerical solutions for oscillatory flow of partially ionized dielectric hydrogen gas in a rotating MHD energy generator duct	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2021	10.1016/j.ijhydene.2021.02.189	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
640	Panchal, H; Sadasivuni, KK; Suresh, M; Israr, M; Sengottain, S	A concise review on Solar still with parabolic trough collector	INTERNATIONAL JOURNAL OF AMBIENT ENERGY	2021	10.1080/01430750.2021.1922938	Emerging Sources Citation Index (ESCI)	WOS Proof
641	Vishala, TC; Hieu, HV; Killari, KN; Ranajit, SK; Samanth, S; Polimati, H; Ketha, A; Annam, SSP; Nallapaty, S; Koneru, ST; Akula, A	A Review on Therapeutic Benefits of Active Chemical Moieties Present in Polyalthia longifolia	INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES	2021	10.36468/pharmaceutical-sciences.815	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
642	Kumar, PA; Rao, KS; Sravani, KG; Balaji, B; Aditya, M; Guha, K; Elsinawi, A	An intensive approach to optimize capacitive type RF MEMS shunt switch	MICROELECTRONICS JOURNAL	2021	10.1016/j.mejo.2021.10.5050	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
643	Saravanan, G; Sanjay, S; Gnanamuthu, RM; Sankararao, M	Electrochemical exfoliation of a graphite electrode in 1-ethyl-3-methylimidazolium chloride-[EMIM]+Cl--AlCl3 ionic liquid and its electrocatalytic application	MATERIALS ADVANCES	2021	10.1039/d0ma00924e	Emerging Sources Citation Index (ESCI)	WOS Proof
644	Namasudra, S; Chakraborty, R; Majumder, A; Moparthy, NR	Securing Multimedia by Using DNA-Based Encryption in the Cloud Computing Environment	ACM TRANSACTIONS ON MULTIMEDIA COMPUTING COMMUNICATIONS AND APPLICATIONS	2021	10.1145/3392665	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
645	Biswal, SM; Das, SK; Misra, S; Nanda, U; Jena, B	Study on Analog/RF and Linearity Performance of Staggered Heterojunction Gate Stack Tunnel FET	ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY	2021	10.1149/2162-8777/ac0e10	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
646	Kumar, S; Jain, A; Agarwal, AK; Rani, S; Ghimire, A	RETRACTED: Object-Based Image Retrieval Using the U-Net-Based Neural Network (Retracted Article)	COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE	2021	10.1155/2021/4395646	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
647	Nagababu, U; Kumar, JVS; Shaik, MR; Sharaf, MAF	Facile synthesis, physiochemical characterization and bio evaluation of sulfadimidine capped cobalt nanoparticles	SAUDI JOURNAL OF BIOLOGICAL SCIENCES	2021	10.1016/j.sjbs.2021.02.071	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
648	Nyasulu, M; Haque, MM; Kumar, KR; Banda, N; Ayugi, B; Uddin, MJ	Temporal patterns of remote-sensed tropospheric carbon dioxide and methane over an urban site in Malawi, Southeast Africa: Implications for climate effects	ATMOSPHERIC POLLUTION RESEARCH	2021	10.1016/j.apr.2021.02.005	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
649	Gadamsetty, R; Sajja, VS; Sekhar, PS; Prasad, D	SQUEEZE FILM LUBRICATION OF ASYMMETRIC ROLLERS BY BINGHAM PLASTIC FLUID	FRONTIERS IN HEAT AND MASS TRANSFER	2021	10.5098/hmt.16.7	Emerging Sources Citation Index (ESCI)	WOS Proof
650	Potturu, SR; Prasad, R; Meshram, R	Improved simplification technique for LTI systems using modified time moment matching method	SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES	2021	10.1007/s12046-021-01647-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
651	Roopa, DR; Subhan, CM; Fakruddin, K; Pardhasaradhi, P; Madhav, BTP; Srilekha, G	Influence of silver and gold nano particles on luminance properties of n-hexyloxy-cynobiphenyl liquid crystal through image analysis	NANOSYSTEMS-PHYSICS CHEMISTRY MATHEMATICS	2021	10.17586/2220-8054-2021-12-4-453-461	Emerging Sources Citation Index (ESCI)	WOS Proof
652	Das, N; Mandal, N; Sekhar, PK; RoyChaudhuri, C	Signal Processing for Single Biomolecule Identification Using Nanopores: A Review	IEEE SENSORS JOURNAL	2021	10.1109/JSEN.2020.3032451	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

653	Thirugnanasambandam, K; Anitha, R; Enireddy, V; Raghav, RS; Anguraj, DK; Arivunambi, A	Pattern mining technique derived ant colony optimization for document information retrieval	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING	2021	10.1007/s12652-020-02760-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
654	Rao, CN; Rao, PV; Kameswari, R; Raju, RR; Chandana, G; Samatha, K; Prasad, MVVKS; Venkateswarlu, M; Naveen, A; Dhar, GG	Luminescence investigations on Dy ³⁺ doped CdO-PbF ₂ phosphate glass-ceramics	JOURNAL OF MOLECULAR STRUCTURE	2021	10.1016/j.molstruc.2021.130784	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
655	Karthick, S; Kamalanathan, C; Sunita, P; Ananthakumaran, S; Prabhu, E	High speed energy efficient multiplier for signal processing	INTERNATIONAL JOURNAL OF ENGINEERING SYSTEMS MODELLING AND SIMULATION	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
656	Aghoutane, B; Das, S; El Faylali, H; Madhav, BTP; El Ghzaoui, M; El Alami, A	Analysis, Design and Fabrication of a Square Slot Loaded (SSL) Millimeter-Wave Patch Antenna Array for 5G Applications	JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS	2021	10.1142/S0218126621500869	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
657	Pan, BW; Liu, DT; Kumar, KR; Wang, M; Devi, NSMPL	Global distribution of maritime low clouds with an emphasis on different aerosol types and meteorological parameters inferred from multi-satellite and reanalysis data during 2007-2016	ATMOSPHERIC ENVIRONMENT	2021	10.1016/j.atmosenv.2020.118082	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
658	Ramaiah, MJ; Tangutur, AD; Manyam, RR	Epigenetic modulation and understanding of HDAC inhibitors in cancer therapy	LIFE SCIENCES	2021	10.1016/j.lfs.2021.119504	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
659	Naveena, N; Satyanarayana, GC; Raju, AD; Umakanth, N; Srinivas, D; Rao, KS; Suman, M	Prediction of Heatwave 2013 over Andhra Pradesh and Telangana, India using WRF Model	ASIAN JOURNAL OF ATMOSPHERIC ENVIRONMENT	2021	10.5572/ajae.2020.117	Emerging Sources Citation Index (ESCI)	WOS Proof
660	Jena, BR; Panda, SP; Kulandaivelu, U; Alavala, RR; Rao, GSNK; Swain, S; Ghose, D; Pattnaik, G; Pradhan, DP	Analytical QbD based systematic development of a novel RP-UHPLC method for the quantification of albuterol sulphate in its metered dose inhaler formulations	JOURNAL OF RESEARCH IN PHARMACY	2021	10.29228/jrp.60	Emerging Sources Citation Index (ESCI)	WOS Proof
661	Chakraborty, B; Das, A; Mandal, N; Samanta, N; Das, N; Chaudhuri, CR	Label free, electric field mediated ultrasensitive electrochemical point-of-care device for CEA detection	SCIENTIFIC REPORTS	2021	10.1038/s41598-021-82580-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
662	Rekha, G; Tyagi, AK; Sreenath, N; Mishra, S	Class Imbalanced Data: Open Issues and Future Research Directions	2021 INTERNATIONAL CONFERENCE ON COMPUTER COMMUNICATION AND INFORMATICS (ICCCI)	2021	10.1109/ICCCI50826.2021.9402272	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
663	Anuradha, M; Ganesan, V; Oliver, S; Jayasankar, T; Gopi, R	RETRACTED: Hybrid firefly with differential evolution algorithm for multi agent system using clustering based personalization (Retracted Article)	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING	2021	10.1007/s12652-020-02120-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
664	Sankaranarayanan, S; Kandasamy, P; Raju, R; Gengan, S; Krishnan, B	Controlled growth of gallium nitride nanowires on silicon and their utility in high performance Ultraviolet-A photodetectors	SENSORS AND ACTUATORS A-PHYSICAL	2021	10.1016/j.sna.2021.113189	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
665	Pertin, O; Shrivastava, P; Guha, K; Rao, KS; Iannacci, J	New and efficient design of multimode piezoelectric vibration energy harvester for MEMS application	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2021	10.1007/s00542-020-05108-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
666	Jokic, I; Jaksic, O; Frantlovic, M; Jaksic, Z; Guha, K; Rao, KS	Temporal response of biochemical and biological sensors with bimodal surface adsorption from a finite sample	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2021	10.1007/s00542-020-05051-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

667	Masso, R; Tripathy, SN; Aponte, FA; Pradhan, DK; Martinez, R; Palai, R	Structural and magnetodielectric properties of BiFeO ₃ -GdMnO ₃ multiferroics	MATERIALS RESEARCH EXPRESS	2021	10.1088/2053-1591/abdd50	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
668	Sethupathy, A; Kumar, PS; Sivashanmugam, P; Arun, C; Banu, JR; Ashokkumar, M	Evaluation of biohydrogen production potential of fragmented sugar industry biosludge using ultrasonication coupled with egtazic acid	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2021	10.1016/j.ijhydene.2020.10.041	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
669	Krishna, CM; Das, S; Nella, A; Lakrit, S; Madhav, BTP	A Micro-Sized Rhombus-Shaped THz Antenna for High-Speed Short-Range Wireless Communication Applications	PLASMONICS	2021	10.1007/s11468-021-01472-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
670	Singh, NP; Suman, S; Ramachandran, TP; Sharma, T; Raja, S; Rangasamy, R; Parasuraman, M; Sengan, S	Investigation on characteristics of Monte Carlo model of single electron transistor using Orthodox theory	SUSTAINABLE ENERGY TECHNOLOGIES AND ASSESSMENTS	2021	10.1016/j.seta.2021.10.1601	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
671	Shreevastava, S; Singh, S; Tiwari, AK; Som, T	Different classes ratio and Laplace summation operator based intuitionistic fuzzy rough attribute selection	IRANIAN JOURNAL OF FUZZY SYSTEMS	2021		Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
672	Ghazaoui, Y; El Ghzaoui, M; Das, S; Madhav, BTP; el Alami, A	A compact high gain wideband millimeter wave 1 x 2 array antenna for 26/28 GHz 5G applications	CIRCUIT WORLD	2021	10.1108/CW-10-2021-0255	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
673	Babu, AN; Sree, TR; Reddy, DS; Kumar, GS; Mohan, GVK	Experimental and statistical analysis of As(III) adsorption from contaminated water using activated red mud doped calcium-alginate beads	ENVIRONMENTAL TECHNOLOGY	2021	10.1080/09593330.2019.1681520	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
674	Kumar, NV; Asadi, SS; Reddy, MKK; Sujatha, M; Venkatasubbiah, MC	Investigational studies on beneficial effect of geosynthetic reinforcement at an interface of two layered system	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.11.771	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
675	Kedar, SA; Bewoor, AK; Murali, G; Kumar, R; Sadeghzadeh, M; Issakhov, A	Effect of Reflecting Material on CPC to Improve the Performance of Hybrid Groundwater Solar Desalination System	INTERNATIONAL JOURNAL OF PHOTOENERGY	2021	10.1155/2021/6675236	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
676	Naveena, N; Satyanarayana, GC; Rao, DVB; Srinivas, D	An accentuated hot blob over Vidarbha, India, during the pre-monsoon season	NATURAL HAZARDS	2021	10.1007/s11069-020-04357-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
677	Marepally, BC; Ampelli, C; Genovese, C; Sayah, R; Veyre, L; Dalverny, C; Thieuleux, C; Quadrelli, EA; Perathoner, S; Centi, G	Supported metallic nanoparticles prepared by an organometallic route to boost the electrocatalytic conversion of CO ₂	JOURNAL OF CO ₂ UTILIZATION	2021	10.1016/j.jcou.2021.10.1613	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
678	Tammireddy, SSP; Samson, M; Reddy, PR; Reddy, AK; Panigrahy, AK; Jayabalan, S; Prakash, MD	An energy-efficient reconfigurable accelerators in multi-core systems using PULP-NN	APPLIED NANOSCIENCE	2021	10.1007/s13204-021-02069-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
679	Khan, R; Kumar, KR; Zhao, TL; Ullah, W; de Leeuw, G	Interdecadal Changes in Aerosol Optical Depth over Pakistan Based on the MERRA-2 Reanalysis Data during 1980-2018	REMOTE SENSING	2021	10.3390/rs13040822	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
680	Sailaja, P; Mahamuda, S; Swapna, K; Venkateswarlu, M; Gupta, M; Rao, AS	Broadband NIR emission at 1.53 μm in trivalent erbium ions doped SrO-Al ₂ O ₃ -B ₂ O ₃ -BaCl ₂ -10TeO ₂ glasses for optical fiber and NIR laser applications	JOURNAL OF NON-CRYSTALLINE SOLIDS	2021	10.1016/j.jnoncrysol.2021.120937	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

681	Dharmadhikari, SC; Gampala, V; Rao, CM; Khasim, S; Jain, S; Bhaskaran, R	RETRACTED: A smart grid incorporated with ML and IoT for a secure management system (Retracted article. See vol. 106, 2024)	MICROPROCESSORS AND MICROSYSTEMS	2021	10.1016/j.micpro.2021.103954	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
682	Anumandla, KK; Sabat, SL; Peesapati, R; Prabu, AV; Dabbakuti, JRKK; Rout, R	Optimal spectrum and power allocation using evolutionary algorithms for cognitive radio networks	INTERNET TECHNOLOGY LETTERS	2021	10.1002/itl2.207	Emerging Sources Citation Index (ESCI)	WOS Proof
683	Abhiram, N; Thangaraju, D; Marnadu, R; Gunasekaran, S; Santhana, V; Chandrasekaran, J; Devi, NSMPL; Shkir, M; AlFaify, S	Development of morphology tuned SnS hierarchical structures for enhanced photosensitive photodiode fabrication	INORGANIC CHEMISTRY COMMUNICATIONS	2021	10.1016/j.inoche.2021.108623	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
684	Thirugnanasambandam, K; Sudha, SV; Saravanan, D; Ravi, RV; Anguraj, DK; Raghav, RS	Reinforced Cuckoo Search based fugitive landfill methane emission estimation	ENVIRONMENTAL TECHNOLOGY & INNOVATION	2021	10.1016/j.eti.2020.101207	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
685	Saha, J; Chowdhury, C; Ghosh, D; Bandyopadhyay, S	A detailed human activity transition recognition framework for grossly labeled data from smartphone accelerometer	MULTIMEDIA TOOLS AND APPLICATIONS	2021	10.1007/s11042-020-10046-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
686	Satyanarayana, MV; Reddy, AG; Sandhya, J; Mehta, BK; Prasad, KRS; Tej, MB; Rao, MVB	One Pot, Four-Component, and Green Synthesis of Novel 2-(2-Amino-7,7-dimethyl-5-oxo-4-phenyl-5,6,7,8-tetrahydro-4H-chromene-3-carbonyl)-2,3-dihydrophthalazine-1,4-dione Derivatives	RUSSIAN JOURNAL OF GENERAL CHEMISTRY	2021	10.1134/S1070363221070185	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC)	WOS Proof
687	Ponmagal, RS; Karthick, S; Dhiyanesh, B; Balakrishnan, S; Venkatachalam, K	RETRACTED: Optimized virtual network function provisioning technique for mobile edge cloud computing (Retracted Article)	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING	2021	10.1007/s12652-020-02122-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
688	Umakanth, N; Satyanarayana, GC; Naveena, N; Srinivas, D; Rao, DVB	Statistical and dynamical based thunderstorm prediction over southeast India	JOURNAL OF EARTH SYSTEM SCIENCE	2021	10.1007/s12040-021-01561-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
689	Khan, PR; Alugubelli, GR; Sireesha, R; Deepti, K; Rao, PV; Rao, MVB	Domino Multicomponent Intramolecular Cyclization Strategy for the Multi Functionalized Imidazo[1,2-a]pyrimidin-5(1H)-one Derivatives	RUSSIAN JOURNAL OF GENERAL CHEMISTRY	2021	10.1134/S1070363221060219	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC); Current Chemical Reactions (CCR-EXPANDED)	WOS Proof
690	Baburaja, K; Subbaiah, KV; Arunkumar, MP; Bhagat, VS; Reddy, RKK	Vibration and Acoustic Characteristics of Aluminium Silicon Carbide Metal Matrix Composite Under Uniform and Non Uniform Thermal Environment	SILICON	2021	10.1007/s12633-020-00768-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
691	Krishna, CM; Das, S; Lakrit, S; Lavadiya, S; Madhav, BTP; Sorathiya, V	Design and analysis of a super wideband (0.09-30.14 THz) graphene based log periodic dipole array antenna for terahertz applications	OPTIK	2021	10.1016/j.ijleo.2021.167991	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
692	Singh, AK; Maltseva, O; Panda, SK	Comparison between Swarm measured and IRI-2016, IRI-Plas 2017 modeled electron density over low and mid latitude region	ACTA ASTRONAUTICA	2021	10.1016/j.actaastro.2021.09.017	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
693	Vemuri, PK; Nimmagadda, G; Bodiga, S; Bodiga, VL; Veeravilli, S; Rao, KRSS	Strategies for Tracking Immune Surveillance of Tumor Milieu during Angiogenesis	INTERNATIONAL JOURNAL OF LIFE SCIENCE AND PHARMA RESEARCH	2021	10.22376/ijpbs/lpr.2021.11.1.1102-106	Emerging Sources Citation Index (ESCI)	WOS Proof

694	Ahammad, SH; Rahman, MZU; Rao, LK; Sulthana, A; Gupta, N; Lay-Ekuakille, A	A Multi-Level Sensor-Based Spinal Cord Disorder Classification Model for Patient Wellness and Remote Monitoring	IEEE SENSORS JOURNAL	2021	10.1109/JSEN.2020.3012578	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
695	Revathi, G; Sajja, VS; Raju, CSK; Babu, MJ	Numerical simulation for Arrhenius activation energy on the nanofluid dissipative flow by a curved stretching sheet	EUROPEAN PHYSICAL JOURNAL-SPECIAL TOPICS	2021	10.1140/epjs/s11734-021-00048-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
696	Lakrit, S; Nella, A; Das, S; Madhav, BTP; Krishna, CM	An integrated three-antenna structure for 5G, WLAN, LTE and ITU band cognitive radio communication	AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS	2021	10.1016/j.aeue.2021.153906	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
697	Murali, M; Rao, TA; Kumar, PS; Rachappa, C; Jagan, BOL	Robust electric vehicle design using IANFIS controlling technology	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.07.629	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
698	Thakallapalli, S; Gangashetty, SV; Madhu, N	NMF-weighted SRP for multi-speaker direction of arrival estimation: robustness to spatial aliasing while exploiting sparsity in the atom-time domain	EURASIP JOURNAL ON AUDIO SPEECH AND MUSIC PROCESSING	2021	10.1186/s13636-021-00201-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
699	Saha, J; Ghosh, D; Chowdhury, C; Bandyopadhyay, S	Smart Handheld Based Human Activity Recognition Using Multiple Instance Multiple Label Learning	WIRELESS PERSONAL COMMUNICATIONS	2021	10.1007/s11277-020-07903-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
700	Elsheikh, AH; Saba, AI; Panchal, H; Shanmugan, S; Alsaleh, NA; Ahmadein, M	Artificial Intelligence for Forecasting the Prevalence of COVID-19 Pandemic: An Overview	HEALTHCARE	2021	10.3390/healthcare9121614	Science Citation Index Expanded (SCI-EXPANDED); Social Science Citation Index (SSCI)	WOS Proof
701	Gubbala, CS; Dodla, VBR; Desamsetti, S	Assessment of wind energy potential over India using high-resolution global reanalysis data	JOURNAL OF EARTH SYSTEM SCIENCE	2021	10.1007/s12040-021-01557-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
702	Lawrence, A; Hariharan, C; Shanmugan, S; Janarthanan, B	Performance of single slope solar still for socio-economic development in coast locations in India	INTERNATIONAL JOURNAL OF AMBIENT ENERGY	2021	10.1080/01430750.2021.1927838	Emerging Sources Citation Index (ESCI)	WOS Proof
703	Rahman, MZU; Surekha, S; Satamraju, KP; Mirza, SS; Lay-Ekuakille, A	A Collateral Sensor Data Sharing Framework for Decentralized Healthcare Systems	IEEE SENSORS JOURNAL	2021	10.1109/JSEN.2021.3125529	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
704	Anguraj, DK; Thirugnanasambandam, K; Raghav, RS; Sudha, SV; Saravanan, D	Enriched cluster head selection using augmented bifold cuckoo search algorithm for edge-based internet of medical things	INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS	2021	10.1002/dac.4817	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
705	Kavipriya, S; Deepanraj, CG; Dinesh, S; Prakash, N; Lingeshwaran, N; Ramkumar, S	Flexural strength of Lightweight geopolymer concrete using sisal fibres	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.08.135	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
706	Asadi, SS; Asadi, SP; Asadi, SS; Alla, S; Sujatha, M	An experimental crack evolution of concrete with fly-ash and hybrid fibers	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.11.885	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
707	Mandal, N; Pakira, V; Samanta, N; Das, N; Chakraborty, S; Pramanick, B; RoyChaudhuri, C	PSA detection using label free graphene FET with coplanar electrodes based microfluidic point of care diagnostic device	TALANTA	2021	10.1016/j.talanta.2020.121581	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
708	Panchal, H; Sadasivuni, KK; Essa, FA; Shanmugan, S; Sathyamurthy, R	Enhancement of the yield of solar still with the use of solar pond: A review	HEAT TRANSFER	2021	10.1002/htj.21935	Emerging Sources Citation Index (ESCI)	WOS Proof

709	Chithaluru, P; Al-Turjman, F; Stephan, T; Kumar, M; Mostarda, L	Energy-efficient blockchain implementation for Cognitive Wireless Communication Networks (CWCNs)	ENERGY REPORTS	2021	10.1016/j.egy.2021.07.136	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
710	Sparjanbabu, DS; Kumar, PN; Motukuri, SRK; Ramajayam, D; Susanthi, B; Prasanna, HS	Effect of culture media, auxins and genotypes on plantlet regeneration from oil palm (<i>Elaeis guineensis</i> Jacq.) zygotic embryos through somatic embryogenesis	JOURNAL OF ENVIRONMENTAL BIOLOGY	2021	10.22438/jeb/42/5/MR N-1706	Emerging Sources Citation Index (ESCI)	WOS Proof
711	Panchal, H; Sadasivuni, KK; Shanmugan, S; Pandya, N	Performance analysis of waste brick magnesia as a storage material in a solar still	HEAT TRANSFER	2021	10.1002/htj.21956	Emerging Sources Citation Index (ESCI)	WOS Proof
712	Puli, VS; Subburu, M; Bhongiri, Y; Tripathi, A; Prasad, KRS; Chatterjee, A; Pola, S; Chetti, P	New Indolo[3,2-b]indole based small organic molecules for Organic Thin Film Transistors (OTFTs): A combined experimental and DFT Study	JOURNAL OF MOLECULAR STRUCTURE	2021	10.1016/j.molstruc.2020.129491	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
713	Krishnadasan, CK; Shanmugam, NS; Sivasubramonian, B; Rao, BN; Suresh, R	Analytical studies and numerical predictions of stresses in shear joints of layered composite panels for aerospace applications	COMPOSITE STRUCTURES	2021	10.1016/j.compstruct.2020.112927	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
714	Sankaranarayanan, S; Kandasamy, P; Raju, R; Gengan, S; Krishnan, B	Enhancement of visible light photodetector performance for ultrafast switching using flower shaped gallium nitride nanostructures	SCRIPTA MATERIALIA	2021	10.1016/j.scriptamat.2020.113711	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
715	Goud, BS; Rakesh, T; Nalli, R; Reddy, CR; Kalyan, CNS; Reddy, BN; Aymen, F	Grid Integration of Renewable Energy Sources Using GA Technique for Improving Power Quality	INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH	2021		Emerging Sources Citation Index (ESCI)	WOS Proof
716	Sangeetha, Y; Majji, S; Srinagesh, A; Patnala, TR; Nalajala, S; Prathap, BR	Authentication of symmetric cryptosystem using anti-aging controller-based true random number generator	APPLIED NANOSCIENCE	2021	10.1007/s13204-021-01977-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
717	Maddiboyina, B; Jhawar, V; Desu, PK; Gandhi, S; Nakkala, RK; Singh, S	Formulation and evaluation of thermosensitive flurbiprofen in situ nano gel for the ocular delivery	JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION	2021	10.1080/09205063.2021.1927460	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
718	Jayaprada, P; Pardhasaradhi, P; Madhav, BTP; Reddy, KK; Reddy, DRS; Giridhar, G; Rao, MC; Manepalli, RKNR	Studies on birefringence, order parameter and image analysis of liquid crystalline p-n butyloxy/butyl benzoic acid with dispersed ZnO nanoparticles	ZEITSCHRIFT FUR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES	2021	10.1515/zna-2020-0198	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
719	Sundaram, KM; Boopathi, CS; Pandian, A; Kadali, KS; Sathyamurthy, R; Anandhraj, P; Madhu, B	Predator-Prey based firefly optimization for PV Module parameters extraction	ENERGY REPORTS	2021	10.1016/j.egy.2021.07.121	Science Citation Index Expanded (SCI-EXPANDED); Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
720	Krishnadasan, CK; Shanmugam, NS; Rao, BN; Sivasubramonian, B	Experimental Investigation and Numerical Simulation on the Strength of Carbon-Fiber-Reinforced Polymer-Metal Bolted and Bonded Interfaces	JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE	2021	10.1007/s11665-021-06121-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

721	Arya, I; Poona, A; Dikshit, PK; Pandit, S; Kumar, J; Singh, HN; Jha, NK; Rudayni, HA; Chaudhary, AA; Kumar, S	Current Trends and Future Prospects of Nanotechnology in Biofuel Production	CATALYSTS	2021	10.3390/catal11111308	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
722	Mohanty, SP; Das, S; Sahoo, SK; Swain, K; Routray, S; Palai, G	A proposal of 3D sensor for rapid detection of breast tumour cell using photonic structure	EMERGING MATERIALS RESEARCH	2021	10.1680/jemmr.21.00014	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
723	Navaneetha, A; Reddy, AK; Deepthi, SA; Kumari, CU; Poola, PK; Gudivada, AA; Prakash, MD; Panigrahy, AK	Performance evaluation of noise coupling on Germanium based TSV filled material for future IC integration technique	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2020.07.631	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
724	Maddali, NK; Ivaturi, VKV; Yellajyosula, LNM; Malkhed, V; Brahman, PK; Pindiprolu, SKSS; Kondaparthi, V; Nethinti, SR	New 1,2,4-Triazole Scaffolds as Anticancer Agents: Synthesis, Biological Evaluation and Docking Studies	CHEMISTRYSELECT	2021	10.1002/slct.202101387	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
725	Panda, A; Aviso, KB; Mishra, U; Nanda, I	Impact of optimal power generation scheduling for operating cleaner hybrid power systems with energy storage	INTERNATIONAL JOURNAL OF ENERGY RESEARCH	2021	10.1002/er.6656	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
726	Kumar, PA; Rao, KS; Balaji, B; Aditya, M; Maity, NP; Maity, R; Maity, S; El Sinawi, A; Guha, K; Sravani, KG	Low Pull-in-Voltage RF-MEMS Shunt Switch for 5G Millimeter Wave Applications	TRANSACTIONS ON ELECTRICAL AND ELECTRONIC MATERIALS	2021	10.1007/s42341-021-00304-5	Emerging Sources Citation Index (ESCI)	WOS Proof
727	Moses, M; Bilitza, D; Panda, SK; Ochonugor, BJ	Assessment of IRI-2016 hmF2 model predictions with COSMIC observations over the African region	ADVANCES IN SPACE RESEARCH	2021	10.1016/j.asr.2020.10.029	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
728	Boddakayala, N; Bodiga, S; Bodiga, VL; Tummala, PK; Vemuru, S; Setti, R; Manne, AA; Veeravilli, S; Vemuri, PK	Conformational Epitope Prediction of Birch Betv 1 and Hazel Cor A1 Towards B-Cells	JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL	2021	10.9734/JPRI/2021/v33i28A31519	Emerging Sources Citation Index (ESCI)	WOS Proof
729	Tripathi, S; Singh, BN; Divakar, S; Kumar, G; Mallick, SP; Srivastava, P	Design and evaluation of ciprofloxacin loaded collagen chitosan oxygenating scaffold for skin tissue engineering	BIOMEDICAL MATERIALS	2021	10.1088/1748-605X/abd1b8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
730	Prasanth, DSNBK; Manikanta, M; Chandramohan, V; Bhavya, G; Rao, AL; Panda, SP; Rao, GSNK; Chakravarthi, G; Teja, N; Rani, PS; Ashu, G; Purnadurganjali, C; Akhil, P; Bhavani, GV; Jaswitha, T	In-silico strategies of some selected phytoconstituents from Melissa officinalis as SARS CoV-2 main protease and spike protein (COVID-19) inhibitors	MOLECULAR SIMULATION	2021	10.1080/08927022.2021.1880576	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

731	Srinivasan, M; Thangaraj, SR; Ramasubramanian, K; Thangaraj, PP; Ramasubramanian, KV	Exploring the Current Trends of Artificial Intelligence in Stem Cell Therapy: A Systematic Review	CUREUS JOURNAL OF MEDICAL SCIENCE	2021	10.7759/cureus.20083	Emerging Sources Citation Index (ESCI)	WOS Proof
732	Lay-Ekuakille, A; Massaro, A; Singh, SP; Jablonski, I; Rahman, MZU; Spano, F	Optoelectronic and Nanosensors Detection Systems: A Review	IEEE SENSORS JOURNAL	2021	10.1109/JSEN.2021.3055750	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
733	Shenava, SM; Kumar, JVS; Ganugula, R; Shaik, MR; Busquets, R; Khan, MR	Synthesis of High-Performance Aqueous Fluorescent Nanodispersions for Textile Printing-A Study of Influence of Moles Ratio on Fastness Properties	MOLECULES	2021	10.3390/molecules26237075	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
734	Karthikeyan, C; Nisha, ASA; Anandan, P; Prabha, R; Mohan, D; Babu, DV	Predicting Stock Prices Using Machine Learning Techniques	PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON INVENTIVE COMPUTATION TECHNOLOGIES (ICICT 2021)	2021	10.1109/ICICT50816.2021.9358537	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
735	Kardile, RA; Sarkate, AP; Borude, AS; Mane, RS; Lokwani, DK; Tiwari, SV; Azad, R; Burra, PVLS; Thopate, SR	Design and synthesis of novel conformationally constrained 7,12-dihydro- dibenzo[b,h][1,6] naphthyridine and 7H-Chromeno[3,2-c] quinoline derivatives as topoisomerase I inhibitors: In vitro screening, molecular docking and ADME predictions	BIOORGANIC CHEMISTRY	2021	10.1016/j.bioorg.2021.105174	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC)	WOS Proof
736	Thirugnansambandam, K; Bhattacharyya, D; Frnda, J; Anguraj, DK; Nedoma, J	Augmented Node Placement Model in t-WSN Through Multiobjective Approach	CMC-COMPUTERS MATERIALS & CONTINUA	2021	10.32604/cmc.2021.018939	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
737	Agrahari, RK; Enomoto, T; Ito, H; Nakano, Y; Yanase, E; Watanabe, T; Sadhukhan, A; Iuchi, S; Kobayashi, M; Panda, SK; Yamamoto, YY; Koyama, H; Kobayashi, Y	Expression GWAS of PGIP1 Identifies STOP1-Dependent and STOP1-Independent Regulation of PGIP1 in Aluminum Stress Signaling in Arabidopsis	FRONTIERS IN PLANT SCIENCE	2021	10.3389/fpls.2021.774687	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
738	Stalin, S; Roy, V; Shukla, PK; Zaguia, A; Khan, MM; Shukla, PK; Jain, A	A Machine Learning-Based Big EEG Data Artifact Detection and Wavelet-Based Removal: An Empirical Approach	MATHEMATICAL PROBLEMS IN ENGINEERING	2021	10.1155/2021/2942808	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
739	Abhiram, N; Thangaraju, D; Marnadu, R; Arputhavalli, GJ; Gunasekaran, S; Vetrivelan, P; Devi, NSMPL; Shkir, M; Algarni, H	Structural, vibrational, morphological, optical and electrical properties of NiS and fabrication of SnS/NiS nanocomposite for photodetector applications	INORGANIC CHEMISTRY COMMUNICATIONS	2021	10.1016/j.inoche.2021.108882	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
740	Ogwala, A; Somoye, EO; Panda, SK; Ogunmodimu, O; Onori, E; Sharma, SK; Okoh, D; Oyedokun, O	Total electron content at equatorial and low-, middle- and high-latitudes in African longitude sector and its comparison with IRI-2016 and IRI-PLAS 2017 models	ADVANCES IN SPACE RESEARCH	2021	10.1016/j.asr.2020.07.013	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

741	Rajasoundaran, S; Prabu, AV; Routray, S; Kumar, SVNS; Malla, PP; Maloji, S; Mukherjee, A; Ghosh, U	Machine learning based deep job exploration and secure transactions in virtual private cloud systems	COMPUTERS & SECURITY	2021	10.1016/j.cose.2021.102379	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
742	Enireddy, V; Shadrach, SFD; Rani, PS; Anitha, R; Vallinayagam, S; Maridurai, T; Sathish, T; Balakrishnan, E	Prediction of human diseases using optimized clustering techniques	MATERIALS TODAY-PROCEEDINGS	2021	10.1016/j.matpr.2021.03.068	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
743	Rajeswari, M; Thirugnanasambandam, K; Raghav, RS; Prabu, U; Saravanan, D; Anguraj, DK	Flower Pollination Algorithm with Powell's Method for the Minimum Energy Broadcast Problem in Wireless Sensor Network	WIRELESS PERSONAL COMMUNICATIONS	2021	10.1007/s11277-021-08253-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
744	Joshi, S; Stalin, S; Shukla, PK; Shukla, PK; Bhatt, R; Bhadoria, RS; Tiwari, B	Unified Authentication and Access Control for Future Mobile Communication-Based Lightweight IoT Systems Using Blockchain	WIRELESS COMMUNICATIONS & MOBILE COMPUTING	2021	10.1155/2021/8621230	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
745	Prasad, KB; Raju, VD; Shaik, AA; Gopidesi, RK; Reddy, MBSS; Soudagar, MEM; Mujtaba, MA	Impact of injection timings and exhaust gas recirculation rates on the characteristics of diesel engine operated with neat tamarind biodiesel	ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS	2021	10.1080/15567036.2021.1924314	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
746	Govindarajan, A; Reddy, SJ; Chandriah, KK; Kumar, TCA; Balamurugan, D; Kannan, G	Customer Satisfaction Post Car-Sales in Service Centers Using Experiential Marketing	BIOSCIENCE BIOTECHNOLOGY RESEARCH COMMUNICATIONS	2021	10.21786/bbrc/14.6.68	Emerging Sources Citation Index (ESCI)	WOS Proof
747	Rahul, SK; Rao, TV; Natu, H; Girish, HN; Ishigaki, T; Madhusudan, P	An Investigation on Laser Welding Parameters on the Strength of TRIP Steel	STROJNISKI VESTNIK-JOURNAL OF MECHANICAL ENGINEERING	2021	10.5545/sv-jme.2020.6912	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
748	Simi, KG; Akala, AO; Krishna, KS; Amaechi, PO; Ogwala, A; Ratnam, DV; Oyedokun, OJ	Responses of the Indian Equatorial Ionization Anomaly to two CME-induced geomagnetic storms during the peak phase of solar cycle 24	ADVANCES IN SPACE RESEARCH	2021	10.1016/j.asr.2021.06.013	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
749	Varadarajan, S; Kumar, MS; Shanmugan, S; Arputhalatha, A; Chithambaram, V; Palani, G	A new class single crystal l-lysine hydrogen chloride (LLHC) for optoelectronic applications	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2021	10.1007/s10854-021-06987-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
750	Belkhode, PN; Shelare, SD; Sakhale, CN; Kumar, R; Shanmugan, S; Soudagar, MEM; Mujtaba, MA	Performance analysis of roof collector used in the solar updraft tower	SUSTAINABLE ENERGY TECHNOLOGIES AND ASSESSMENTS	2021	10.1016/j.seta.2021.101619	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
751	Vallabhaneni, RB; Sharma, P; Kumar, V; Kulshreshtha, V; Reddy, KJ; Kumar, SS; Kumar, VS; Bitra, SK	Deep Learning Algorithms in EEG Signal Decoding Application: A Review	IEEE ACCESS	2021	10.1109/ACCESS.2021.3105917	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

752	Sathya, M; Jeyaselvi, M; Krishnasamy, L; Hazzazi, MM; Shukla, PK; Shukla, PK; Nuagah, SJ	A Novel, Efficient, and Secure Anomaly Detection Technique Using DWU-ODBN for IoT-Enabled Multimedia Communication Systems	WIRELESS COMMUNICATIONS & MOBILE COMPUTING	2021	10.1155/2021/4989410	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
753	Nayak, SR; Sivakumar, S; Bhoi, AK; Chae, GS; Mallick, PK	RETRACTED: Mixed-mode database miner classifier: Parallel computation of graphical processing unit mining (Retracted Article)	INTERNATIONAL JOURNAL OF ELECTRICAL ENGINEERING EDUCATION	2021	10.1177/0020720920988494	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
754	Janarthanan, R; Maheshwari, RU; Shukla, PK; Shukla, PK; Mirjalili, S; Kumar, M	Intelligent Detection of the PV Faults Based on Artificial Neural Network and Type 2 Fuzzy Systems	ENERGIES	2021	10.3390/en14206584	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
755	Puli, VS; Kilaru, S; Bhongiri, Y; Marri, SR; Tripathi, A; Chetti, P; Chatterjee, A; Vukoti, KK; Pola, S	New indolo[1,2-c]quinazolines for single-crystal field-effect transistor: A united experimental and theoretical studies	JOURNAL OF PHYSICAL ORGANIC CHEMISTRY	2021	10.1002/poc.4276	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
756	Janjanam, N; Nimmagadda, R; Asirvatham, LG; Harish, R; Wongwises, S	Conjugate heat transfer performance of stepped lid-driven cavity with Al ₂ O ₃ /water nanofluid under forced and mixed convection	SN APPLIED SCIENCES	2021	10.1007/s42452-021-04592-7	Emerging Sources Citation Index (ESCI)	WOS Proof
757	Yaragani, M; Yadlapalli, P; Raghavan, S; Thota, G; Mandava, VBR; Singh, RV; Kottapalli, RP; Saravanan, C	Discovery of Easily Synthesizable 4, 4-Dimethylimidazolidin-2-ones as Potent Androgen Receptor Antagonists for Prostate Cancer	CHEMISTRYSELECT	2021	10.1002/slct.202101546	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
758	Lay-Ekuakille, A; Chiffi, C; Celesti, A; Rahman, MZU; Singh, SP	Infrared Monitoring of Oxygenation Process Generated by Robotic Verticalization in Bedridden People	IEEE SENSORS JOURNAL	2021	10.1109/JSEN.2021.3068670	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
759	Satyanarayana, MV; Reddy, AG; Yedukondalu, M; Tej, MB; Hossain, KA; Rao, MVB; Pal, M	In silico assessment and sonochemical synthesis of 2-alkynyl 3-chloropyrazines as prospective ligands for SARS-CoV-2	JOURNAL OF MOLECULAR STRUCTURE	2021	10.1016/j.molstruc.2021.129981	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
760	Revathi, G; Sajja, VS; Babu, MJ; Raju, CSK; Shehzad, SA; Bapanayya, C	Entropy optimization in hybrid radiative nanofluid (CH ₃ OH + SiO ₂ + Al ₂ O ₃) flow by a curved stretching sheet with cross-diffusion effects	APPLIED NANOSCIENCE	2021	10.1007/s13204-021-01679-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
761	Lay-Ekuakille, A; Ugwiri, MA; Liguori, C; Singh, SP; Rahman, MZU; Veneziano, D	MEDICAL IMAGE MEASUREMENT AND CHARACTERIZATION: EXTRACTING MECHANICAL AND THERMAL STRESSES FOR SURGERY	METROLOGY AND MEASUREMENT SYSTEMS	2021	10.24425/mms.2021.135998	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
762	Malar, ACJ; Kowsigan, M; Krishnamoorthy, N; Karthick, S; Prabhu, E; Venkatachalam, K	RETRACTED: Multi constraints applied energy efficient routing technique based on ant colony optimization used for disaster resilient location detection in mobile ad-hoc network (Retracted Article)	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING	2021	10.1007/s12652-020-01767-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

763	Sarkate, AP; Dofe, VS; Tiwari, SV; Lokwani, DK; Karnik, KS; Kamble, DD; Ansari, MHSH; Dodamani, S; Jalalpure, SS; Sangshetti, JN; Azad, R; Burra, PVLS; Bhandari, SV	One pot synthesis, in silico study and evaluation of some novel flavonoids as potent topoisomerase II inhibitors	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	2021	10.1016/j.bmcl.2021.127916	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC)	WOS Proof
764	Kavitha, M; Mahmoud, ZH; Kishore, KH; Petrov, AM; Lekomtsev, A; Iliushin, P; Zekiy, AO; Salmani, M	Application of Steinberg Model for Vibration Lifetime Evaluation of Sn-Ag-Cu-Based Solder Joints in Power Semiconductors	IEEE TRANSACTIONS ON COMPONENTS PACKAGING AND MANUFACTURING TECHNOLOGY	2021	10.1109/TCPMT.2021.3051318	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
765	Shanmugan, S; Gorjian, S; Elsheikh, AH; Essa, FA; Omara, ZM; Raghu, AV	Investigation into the effects of SiO ₂ /TiO ₂ nanolayer on the thermal performance of solar box type cooker	ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS	2021	10.1080/15567036.2020.1859018	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
766	Ramesh, R; Arivazhagan, P; Prabakaran, K; Sanjay, S; Baskar, K	Influence of AlN interlayer on AlGaIn/GaN heterostructures grown by metal organic chemical vapour deposition	MATERIALS CHEMISTRY AND PHYSICS	2021	10.1016/j.matchemphys.2020.124003	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
767	Lakrit, S; Medkour, H; Das, S; Madhav, BTP; Ali, WAE; Dwivedi, RP	Design and Analysis of Integrated Wilkinson Power Divider-Fed Conformal High-Gain UWB Array Antenna with Band Rejection Characteristics for WLAN Applications	JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS	2021	10.1142/S0218126621501334	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
768	Marella, RK; Madduluri, VR; Yu, T; Venkateswarlu, K; Kumar, JVS; Sreenivasan, M; Lakkaboyana, SK	Highly active biomorphic MgO/C supported Cu NPs direct catalytic coupling of 1,4-butanediol dehydrogenation and acetophenone hydrogenation using in-situ liberated H ₂	MOLECULAR CATALYSIS	2021	10.1016/j.mcat.2021.111561	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
769	Talluri, LSRK; Thirumalaisamy, R; Kota, R; Sadi, RPR; Ujjwal, KC; Naha, RK; Mahanti, A	Providing Consistent State to Distributed Storage System	COMPUTERS	2021	10.3390/computers10020023	Emerging Sources Citation Index (ESCI)	WOS Proof
770	Thirugnanasambandam, K; Raghav, RS; Anguraj, DK; Saravanan, D; Janakiraman, S	Multi-objective Binary Reinforced Cuckoo Search Algorithm for Solving Connected Coverage target based WSN with Critical Targets	WIRELESS PERSONAL COMMUNICATIONS	2021	10.1007/s11277-021-08824-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
771	Abdullah, AS; Omara, ZM; Essa, FA; Younes, MM; Shanmugan, S; Abdelgaied, M; Amro, MI; Kabeel, AE; Farouk, WM	Improving the performance of trays solar still using wick corrugated absorber, nano-enhanced phase change material and photovoltaics-powered heaters	JOURNAL OF ENERGY STORAGE	2021	10.1016/j.est.2021.102782	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
772	Hasan, MA; Raghuveer, K; Pandey, PS; Kumar, A; Bora, A; Jose, D; Kshirsagar, PR; Hung, BT; Chakrabarti, P; Khanapurkar, MM	INTERNET OF THINGS AND ITS APPLICATION IN INDUSTRY 4.0 FOR SMART WASTE MANAGEMENT	JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY	2021		Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

773	Singh, RJ; Raut, A; Murmu, AL; Jameel, M	Influence of Glass Powder Incorporated Foamed Geopolymer Blocks on Thermal and Energy Analysis of Building Envelope	JOURNAL OF BUILDING ENGINEERING	2021	10.1016/j.jobbe.2021.102520	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
774	Amaechi, PO; Oyeyemi, EO; Akala, AO; Messanga, HE; Panda, SK; Seemala, GK; Oyedokun, JO; Fleury, R; Amory-Mazaudier, C	Ground-Based GNSS and C/NOFS Observations of Ionospheric Irregularities Over Africa: A Case Study of the 2013 St. Patrick's Day Geomagnetic Storm	SPACE WEATHER-THE INTERNATIONAL JOURNAL OF RESEARCH AND APPLICATIONS	2021	10.1029/2020SW002631	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
775	Phulara, SC; Pandey, S; Jha, A; Chauhan, PS; Gupta, P; Shukla, V	Hemiterpene compound, 3,3-dimethylallyl alcohol promotes longevity and neuroprotection in <i>Caenorhabditis elegans</i>	GEROSCIENCE	2021	10.1007/s11357-020-00241-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
776	Bhavani, S; Shanmugan, S; Chithambaram, V; Essa, FAE; Kabeel, AE; Selvaraju, P	Simulation study on thermal performance of a Solar box Cooker using nanocomposite for natural Food invention	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	2021	10.1007/s11356-021-14194-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
777	Abhiram, N; Thangaraju, D; Marnadu, R; Santhana, V; Chandrasekaran, J; Gunasekaran, S; Alshahrani, T; Ali, HE; Shkir, M; Devi, NSMPL	Fabrication of NiS decorated hollow SnS nano-belts based photodiode for enhanced optoelectronic applications	JOURNAL OF NANOPARTICLE RESEARCH	2021	10.1007/s11051-021-05185-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
778	Biroju, RK; Harrison, P; Theis, W; Rees, NV; Sharma, R; Narayanan, TN; Hahm, MG	Pt147 Nanoclusters Soft-Landed on WS2 Nanosheets for Catalysis and Energy Harvesting	ACS APPLIED NANO MATERIALS	2021	10.1021/acsnm.1c02683	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
779	Panchal, H; Nurdiyanto, H; Sadasivuni, KK; Hishan, SS; Essa, FA; Khalid, M; Dharaskar, S; Shanmugan, S	Experimental investigation on the yield of solar still using manganese oxide nanoparticles coated absorber	CASE STUDIES IN THERMAL ENGINEERING	2021	10.1016/j.csite.2021.100905	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
780	Singh, LK; Sannigrahi, S; Bhupenanchandra, I; Das, A; Ghosh, S; Dutta, S; Swain, R; Jha, RK; Lal, M	Assessment of Agricultural Relevance on Groundwater Indicator in a Command Area of Eastern India	JOURNAL OF THE INDIAN SOCIETY OF REMOTE SENSING	2021	10.1007/s12524-021-01435-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
781	Gandhi, AM; Shanmugan, S; Gorjian, S; Pruncu, CI; Sivakumar, S; Elsheikh, AH; Essa, FA; Omara, ZM; Panchal, H	Performance enhancement of stepped basin solar still based on OSELM with traversal tree for higher energy adaptive control	DESALINATION	2021	10.1016/j.desal.2020.114926	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
782	Panchal, H; Sadasivuni, KK; Ahmed, AA; Hishan, SS; Doranehgard, MH; Essa, FA; Shanmugan, S; Khalid, M	Graphite powder mixed with black paint on the absorber plate of the solar still to enhance yield: An experimental investigation	DESALINATION	2021	10.1016/j.desal.2021.115349	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

783	Essa, FA; Omara, Z; Abdullah, A; Shanmugan, S; Panchal, H; Kabeel, A; Sathyamurthy, R; Athikesavan, MM; Elsheikh, A; Abdelgaied, M; Saleh, B	Augmenting the productivity of stepped distiller by corrugated and curved liners, CuO/paraffin wax, wick, and vapor suctioning	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	2021	10.1007/s11356-021-14669-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
784	Elsheikh, AH; Muthuramalingam, T; Shanmugan, S; Ibrahim, AMM; Ramesh, B; Khoshaim, AB; Moustafa, EB; Bedairi, B; Panchal, H; Sathyamurthy, R	Fine-tuned artificial intelligence model using pigeon optimizer for prediction of residual stresses during turning of Inconel 718	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T	2021	10.1016/j.jmrt.2021.09.119	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
785	Al-qaness, MAA; Saba, AI; Elsheikh, AH; Abd Elaziz, M; Ibrahim, RA; Lu, SF; Hemedan, AA; Shanmugan, S; Ewees, AA	Efficient artificial intelligence forecasting models for COVID-19 outbreak in Russia and Brazil	PROCESS SAFETY AND ENVIRONMENTAL PROTECTION	2021	10.1016/j.psep.2020.11.007	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
786	Elsheikh, AH; Saba, AI; Abd Elaziz, M; Lu, SF; Shanmugan, S; Muthuramalingam, T; Kumar, R; Mosleh, AO; Essa, FA; Shehabeldeen, TA	Deep learning-based forecasting model for COVID-19 outbreak in Saudi Arabia	PROCESS SAFETY AND ENVIRONMENTAL PROTECTION	2021	10.1016/j.psep.2020.10.048	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
787	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	SOLAR ENERGY	2021	10.1016/j.solener.2021.02.043	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
788	Palanikumar, G; Shanmugan, S; Chithambaram, V; Gorjian, S; Pruncu, CI; Essa, FA; Kabeel, AE; Panchal, H; Janarthanan, B; Ebadi, H; Elsheikh, AH; Selvaraju, P	Thermal investigation of a solar box-type cooker with nanocomposite phase change materials using flexible thermography	RENEWABLE ENERGY	2021	10.1016/j.renene.2021.06.022	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

789	<p>Acciarri, R; Acero, MA; Adamov, G; Adams, D; Adinolfi, M; Ahmad, Z; Ahmed, J; Alion, T; Monsalve, SA; Alt, C; Anderson, J; Andreopoulos, C; Andrews, MP; Andrianala, F; Andringa, S; Ankowski, A; Antonova, M; Antusch, S; Aranda- Fernandez, A; Ariga, A; Arnold, LO; Arroyave, MA; Asaadi, J; Aurisano, A; Aushev, V; Autiero, D; Azfar, F; Back, H; Back, JJ; Backhouse, C; Baesso, P; Bagby, L; Bajou, R; Balasubramanian, S; Baldi, P; Bambah, B; Barao, F; Barenboim, G; Barker, GJ; Barkhouse, W; Barnes, C; Barr, G; Monarca, JB; Barros, N; Barrow, JL; Bashyal, A; Basque, V; Bay, F; Alba, JLB; Beacom, JF; Bechetoille, E; Behera, B; Bellantoni, L; Bellettini, G; Bellini, V; Beltramello, O;</p>	Supernova neutrino burst detection with the deep underground neutrino experiment	EUROPEAN PHYSICAL JOURNAL C	2021	10.1140/epjc/s10052-021-09166-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
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791	<p>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</p>	Searching for solar KDAR with DUNE	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2021	10.1088/1475-7516/2021/10/065	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
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