



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	Goud, BS; Rao, BL	Power Quality Improvement in Hybrid Renewable Energy Source Grid-Connected System with Grey Wolf Optimization	INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
2	Krishnamohan, K; Prasad, CR; Kishore, PVV	Successive Texture and Shape based Active Contours for Train Bogie Part Segmentation in Rolling Stock Videos	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
3	Sonti, SR; Prasad, MSG	Enhanced fuzzy C-means clustering based cooperative spectrum sensing combined with multi-objective resource allocation approach for delay-aware CRNs	IET COMMUNICATIONS	2020	10.1049/iet-com.2019.0165	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
4	Pesalaranka, V; Khed, VC	Flowability and compressive strength test on self compacting mortar using graphene oxide	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.05.067	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
5	Salma, S; Sivavaraprasad, G; Madhav, BTP; Ratnam, DV	Implementation of VARMA Model for Ionospheric TEC Forecast over an Indian GNSS Station	2020 5TH INTERNATIONAL CONFERENCE ON DEVICES, CIRCUITS AND SYSTEMS (ICDCS' 20)	2020		Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
6	Tasneem, AR; Kumar, BSC; Kumar, YH	Service life prediction of geopolymer concrete with respective to chloride ion penetration	3RD INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING (ICAME 2020), PTS 1-6	2020	10.1088/1757-899X/912/6/062033	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
7	Madhuri, BD; Sunithamani, S	Design of ternary logic gates and circuits using GNRFTs	IET CIRCUITS DEVICES & SYSTEMS	2020	10.1049/iet-cds.2019.0427	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
8	Jahan, K; Sanagapallea, KR	Fusion of Angle Measurements from Hull Mounted and Towed Array Sensors	INFORMATION	2020	10.3390/info11090432	Emerging Sources Citation Index (ESCI)	WOS Proof
9	Sowjanya, P; Satyanarayana, P	Testing different Channel Estimation Techniques in Real-Time Software Defined Radio Environment	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
10	Manikanta, K; Rao, CH; Kishore, IS	Investigation on structural behavior of concrete filled stainless steel tubular stub columns	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.06.525	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
11	Ummiti, K; Kumar, JVS	Determination of Amino Acid Composition of Ganirelix Acetate in an Injectable Formulation by Pre-column Derivatization with 6-Aminoquinolyl-N-hydroxysuccinimidyl Carbamate	JOURNAL OF CHROMATOGRAPHIC SCIENCE	2020	10.1093/chromsci/bmaa030	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
12	Banchhor, C; Srinivasu, N	FCNB: Fuzzy Correlative Naive Bayes Classifier with MapReduce Framework for Big Data Classification	JOURNAL OF INTELLIGENT SYSTEMS	2020	10.1515/jisys-2018-0020	Emerging Sources Citation Index (ESCI)	WOS Proof
13	Hanisha, CSS; Kishore, IS	Experimental and finite element analysis of cold formed steel beam-column joint	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.05.046	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
14	Harsha, PBS; Ratnam, DV	Generation of Regional Ionospheric TEC Maps With EIA Nowcasting/Forecasting Capability During Geomagnetic Storm Conditions	IEEE ACCESS	2020	10.1109/ACCESS.2020.2982468	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
15	Munagala, S; Jagarapu, DCK; Reddy, BSSR	Determination of water quality index for ground water near municipal dump site in Guntur	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.06.030	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
16	Sairam, PMN; Aravindhan, A	Canal top solar panels: A unique nexus of energy, water, and land	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.06.017	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
17	Shaik, AB; Kommineni, HR	Experimental investigation on strength and durability properties of concrete using bauxite residue and metakaolin	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.05.481	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof

18	Ponnaluru, S; Penke, S	A software-defined radio testbed for deep learning-based automatic modulation classification	INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS	2020	10.1002/dac.4556	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
19	Gorla, US; Rao, GSNK	SARS-CoV-2: The Prominent Role of Non-structural Proteins (NSPs) in COVID-19	INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH	2020	10.5530/ijper.54.3s.136	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
20	Sree, PR; Kiran, JS	Intelligent Response Retrieval for Semantically Similar Querying Using a Chatbot	PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTING AND CONTROL SYSTEMS (ICICCS 2020)	2020	10.1109/iciccs48265.2020.9121118	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
21	Vulapula, SR; Malladi, S	Attribute-Based Encryption for Fine-Grained Access Control on Secure Hybrid Clouds	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
22	Prameela, KU; Kumar, P	SINGLE TRANSMIT FUZZY QUEUEING MODEL WITH TWO-CLASSES: EXECUTION PROPORTIONS BY RANKING TECHNIQUE	JOURNAL OF ENGINEERING SCIENCE AND TECHNOLOGY	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
23	Meerimatha, G; Rao, BL	Genetic Algorithm Based PV Array Reconfiguration for Improving Power Output under Partial Shadings	INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
24	Chandrika, K; Sujana, K; Jaswanthi, N; Reddy, RS	A review on Product and Process Development for High-Value Products from Microalgae	RESEARCH JOURNAL OF BIOTECHNOLOGY	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
25	Karthikeyan, C; Ramkumar, J; Rao, BD; Manikandan, J	Medical Image Fusion Using Otsu's Cluster Based Thresholding Relation	INNOVATIVE DATA COMMUNICATION TECHNOLOGIES AND APPLICATION	2020	10.1007/978-3-030-38040-3_34	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
26	Murali, G; Sundari, ATM; Raviteja, S; Chanukyachakravarthi, S; Tejpraneeth, M	Experimental study of thermal performance of solar aluminium cane air heater with and without fins	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2019.04.224	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
27	Rao, MV; Madhav, BTP; Anilkumar, T; Prudhvindh, B	Circularly polarized flexible antenna on liquid crystal polymer substrate material with metamaterial loading	MICROWAVE AND OPTICAL TECHNOLOGY LETTERS	2020	10.1002/mop.32088	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
28	Sivavaraprasad, G; Ratnam, DV; Sridhar, M; Sivakrishna, K	Modelling and forecasting of ionospheric TEC irregularities over a low latitude GNSS station	ASTROPHYSICS AND SPACE SCIENCE	2020	10.1007/s10509-020-03883-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
29	Bitra, SK; Miriyala, S	Concurrent Dual and Triple Band Square Ring Resonator Base-Band Filter using Metal-Insulator-Metal for Plasmonic Applications	APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY JOURNAL	2020	10.47037/2020.ACES.J.351010	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
30	Kartheek, T; Das, TV	3D modelling and analysis of encased steel-concrete composite column using ABAQUS	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.03.200	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
31	Sravanthi, D; Kumar, YH; Kumar, BSC	Comparative study on flow characteristics, strength and durability of GGBS based geopolymer concrete	3RD INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING (ICAME 2020), PTS 1-6	2020	10.1088/1757-899X/912/6/062032	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
32	Visalakshia, BSS; Harsha, GS	Enhancement of shear strength of deep beams using hybrid fibres and suggesting an alternative for strut and tie model	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.05.454	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
33	Menon, MS; Rajarajeswari, P	A Hybrid Machine Learning approach for Drug Repositioning	INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND NETWORK SECURITY	2020	10.22937/IJCSNS.2020.20.12.24	Emerging Sources Citation Index (ESCI)	WOS Proof
34	Tatale, S; Prakash, VC	Enhancing Acceptance Test Driven Development Model with Combinatorial Logic	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
35	Lakshmi, ES; Rao, MRN; Sudhamani, M	RESPONSE SURFACE METHODOLOGY-ARTIFICIAL NEURAL NETWORK-BASED OPTIMIZATION AND STRAIN IMPROVEMENT OF CELLULASE PRODUCTION BY STREPTOMYCES SP.	BIOSCIENCE JOURNAL	2020	10.14393/BJ-v36n4a2020-48006	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

36	Tej, R; Kavya, KC; Kotamraju, SK	Synthesis of phased array antenna for side lobe level reduction using the differential evolution algorithm	INTERNATIONAL JOURNAL OF SPEECH TECHNOLOGY	2020	10.1007/s10772-020-09701-2	Emerging Sources Citation Index (ESCI)	WOS Proof
37	Krishna, KS; Ratnam, DV	Determination of NavIC differential code biases using GPS and NavIC observations	GEODESY AND GEODYNAMICS	2020	10.1016/j.geog.2020.01.001	Emerging Sources Citation Index (ESCI)	WOS Proof
38	Avva, VSR; Chamberlin, KS	Multi-skilling and crosstraining of labor in prefabrication construction industry by MCDM method	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.05.605	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
39	Kavya, A; Rao, AV	Experimental investigation on mechanical properties of concrete with M-sand	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.05.774	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
40	Yasaswini, K; Rao, AV	Behaviour of geopolymer concrete at elevated temperature	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.03.833	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
41	Satyanarayana, GC; Dodla, VBR; Srinivas, D	Decreasing southwest monsoon rainfall over Myanmar in the prevailing global warming era	METEOROLOGICAL APPLICATIONS	2020	10.1002/met.1816	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
42	Reddy, KN; Bojja, P	A new hybrid optimization method combining moth-flame optimization and teaching-learning-based optimization algorithms for visual tracking	SOFT COMPUTING	2020	10.1007/s00500-020-05032-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
43	Murali, G; Reddy, KRK; Kumar, MTS; SaiManikanta, J; Reddy, VNK	Performance of solar aluminium can air heater using sensible heat storage	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2019.04.213	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
44	Sarath, KS; Dhananjayakumar, K; Sivateja, N; SaiBabu, N	Experimental Studies Involving Flow Visualization Over Skewed Steps and Aerospikes Using Water Channel	GLOBAL CHALLENGES IN ENERGY AND ENVIRONMENT (ICEE 2018)	2020	10.1007/978-981-13-9213-9_15	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
45	Prajapati, C; Jolly, A; Ravulapalli, S	Bio inspired synthesis of silver nanoparticles and its applications to spin - orbit interactions of light	NANO EXPRESS	2020	10.1088/2632-959X/abca4c	Emerging Sources Citation Index (ESCI)	WOS Proof
46	Babu, KM; Krishna, TVR	Dual Annular Ring Coupled Stacked Psi Shape Patch Antenna for Wireless Applications	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
47	Reddy, RA; Ram, NV	Data aggregation and precedence by delay sensitivity (DAP-DS): Data transmission over wireless body sensor networks	MICROPROCESSORS AND MICROSYSTEMS	2020	10.1016/j.micpro.2020.103165	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
48	Dharmavarapu, P; Reddy, MBSS	Failure Analysis of Silane-Treated Kevlar-Reinforced Nano-silica-Toughened Epoxy Composite in Laminar Shear Strength, Drop Load Impact and Drilling Process	JOURNAL OF FAILURE ANALYSIS AND PREVENTION	2020	10.1007/s11668-020-00979-7	Emerging Sources Citation Index (ESCI)	WOS Proof
49	Devi, SA; Kumar, SS	A Hybrid Document Features Extraction with Clustering based Classification Framework on Large Document Sets	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
50	Vadlamani, A; Ravindhranath, K	A Novel LC-MS/MS Method Development and Validation for Ultra-trace Level Determination of Three Genotoxic Efavirenz Impurities	INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES	2020	10.36468/pharmaceutical-sciences.665	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
51	Casturi, H; Rao, CH	Analysis of composite hollow RC beam strengthened with mild steel sections	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.05.813	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
52	Murali, G; Nandan, BS; Reddy, NSK; Teja, D; Kumar, NK	Experimental study on double pass solar air heater with fins at lower and upper channel	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2019.06.718	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
53	Spurthi, K; Shankar, TN	A Framework Enduring Authentication and Collision Avoidance in AODV Routing Protocol	INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND NETWORK SECURITY	2020	10.22937/IJCSNS.2020.20.11.15	Emerging Sources Citation Index (ESCI)	WOS Proof
54	Bondili, M; Kavuri, NC	Analysis of Green Building Certification Attainment through GRIHA System for R & D Block at KLEF, India	3RD INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING (ICAME 2020), PTS 1-6	2020	10.1088/1757-899X/912/6/062045	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof

55	Chand, VVS; Rao, BK; Rao, CH	Investigation on chloride penetration in concrete mixes of different cement replacement percentages with fly ash and silica fume	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.06.270	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
56	Chandra, VB; Chari, KJB; Rao, VR	The comprehensive analytical investigation on blended cement concrete beams with glass fibers under flexural loading	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.05.498	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
57	Muppidi, SSR; Namburu, SK; Kone, V	A study on ground water problems, artificial recharge techniques in Musunuru	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.04.136	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
58	Pawan, YVRN; Prakash, KB	Impact of Inertia Weight and Cognitive and Social Constants in Obtaining Best Mean Fitness Value for PSO	SOFT COMPUTING FOR PROBLEM SOLVING, SOCPROS 2018, VOL 2	2020	10.1007/978-981-15-0184-5_18	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
59	Rajasekhar, J; Sastry, JKR	On Developing High-Speed Heterogeneous and Composite ES Network through Multi-Master Interface	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
60	Jagadeeshwar, K; Kulandaivelu, U; Rao, GK; Siva, RRA; Panda, P	Evaluation of Lipid Lowering Activity and Anti-Oxidant Status of Pithecellobium dulce in Obesity Induced Rats	INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES	2020	10.36468/pharmaceutic al-sciences.742	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
61	Bitra, SK; Sridhar, M	Design of Metal Insulator Metal based Square Ring Resonator Plasmonic Filter using Silica Slits for Dual Band Applications	JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH	2020		Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
62	Bhattad, A	Experimental investigation of Al ₂ O ₃ -MgO hot hybrid nanofluid in a plate heat exchanger	HEAT TRANSFER	2020	10.1002/htj.21724	Emerging Sources Citation Index (ESCI)	WOS Proof
63	Jyothi, P; Prakash, RBR; Varma, PS	Application of Artificial Intelligence to DFIG based Wind Farm for Reactive Power Compensation	INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
64	Chakraborty, S	Forgetting the Stories Would Be Catastrophic: Writing the Oral and Protecting the Place in the Poems of Tamsila Ao and Esther Syiem	GEOHUMANITIES	2020	10.1080/2373566X.2020.1717364	Emerging Sources Citation Index (ESCI)	WOS Proof
65	Bhimavarapu, JP; Kalyan, SSS; Mittal, VK	Discriminating High Arousal and Low Arousal Emotional Speech Using Mahalanobis Distance Among Acoustic Features	2020 TWENTY SIXTH NATIONAL CONFERENCE ON COMMUNICATIONS (NCC 2020)	2020	10.1109/ncc48643.2020.9056004	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
66	Karupothu, UP; Kumar, P	Perceptionization of FM/FD/1 queuing model under various fuzzy numbers	CROATIAN OPERATIONAL RESEARCH REVIEW	2020	10.17535/corr.2020.0011	Emerging Sources Citation Index (ESCI)	WOS Proof
67	Lokesh, Y; Nikhil, KSS; Kumar, EV; Mohan, BGK	Truck APS Failure Detection using Machine Learning	PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTING AND CONTROL SYSTEMS (ICICCS 2020)	2020	10.1109/iciccs48265.2020.9121019	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
68	Sastry, PSV; Kumar, MA	Comparative study on behavior of reinforced concrete columns with high Strength concrete and normal strength concrete	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.06.327	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
69	Vineetha, KV; Kumar, MS; Madhav, BTP; Rao, MV; Kishore, PVV	SRR BASED TRI-MODE RESONANT MICROSTRIP BANDPASS FILTER FOR WLAN APPLICATIONS	JOURNAL OF ENGINEERING SCIENCE AND TECHNOLOGY	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
70	Vandana, TS; Venkateswarlu, S	Reliable Health Care System Model for WBAN and Cloud Integration	INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND NETWORK SECURITY	2020	10.22937/IJCSNS.2020.20.09.20	Emerging Sources Citation Index (ESCI)	WOS Proof
71	Nagalakshmi, PSS; Vijaya, N	Three Dimensional Boger Nanofluid Flow Explored with Carbon Nanotubes Over a Riga Plate	JOURNAL OF NANOFLUIDS	2020	10.1166/jon.2020.1736	Emerging Sources Citation Index (ESCI)	WOS Proof
72	Sivavaraprasad, G; Deepika, VS; SreenivasaRao, D; Kumar, MR; Sridhar, M	Performance evaluation of neural network TEC forecasting models over equatorial low-latitude Indian GNSS station	GEODESY AND GEODYNAMICS	2020	10.1016/j.geog.2019.11.002	Emerging Sources Citation Index (ESCI)	WOS Proof

73	Anusha, T; Bhavani, KS; Kumar, JVS; Brahman, PK	Designing and fabrication of electrochemical nanosensor employing fullerene-C60 and bimetallic nanoparticles composite film for the detection of vitamin D3 in blood samples	DIAMOND AND RELATED MATERIALS	2020	10.1016/j.diamond.2020.107761	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
74	Chiriki, SS; Harsha, GS	Finite element analysis of RC deep beams strengthened with I-section and truss reinforcement	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.03.579	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
75	Kumar, VU; Savithri, A; Bhavani, MJ; Priya, AM; Jahnavi, KVS; Lakshmi, NDN	Finding Psychological Instability Using Machine Learning	2020 7TH IEEE INTERNATIONAL CONFERENCE ON SMART STRUCTURES AND SYSTEMS (ICSSS 2020)	2020	10.1109/icsss49621.2020.9202009	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
76	Rajeev, S	Thematic analysis on the Indian Representation of People's Act, 1951	INTERNATIONAL JOURNAL OF HUMAN RIGHTS AND CONSTITUTIONAL STUDIES	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
77	Rajesh, L; Satyanarayana, P	Detecting Flooding Attacks in Communication Protocol of Industrial Control Systems	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
78	Vakkapatla, KB; Pinni, SV	Multiobjective generation scheduling using multicore processing-based continuous genetic algorithm	COGENT ENGINEERING	2020	10.1080/23311916.2020.1767019	Emerging Sources Citation Index (ESCI)	WOS Proof
79	Rao, GVG; Babu, S; Kalimulla, T; Rao, KG	Intermolecular interaction studies of binary liquid mixtures of 2-methyl cyclohexanone with o-anisidine/m-anisidine/p-anisidine in terms of thermo-acoustic parameters at different temperatures	INDIAN JOURNAL OF PURE & APPLIED PHYSICS	2020		Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
80	Anilkumar, T; Madhav, BTP; Rao, MV; Nadh, BP	Bandwidth reconfigurable antenna on a liquid crystal polymer substrate for automotive communication applications	AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS	2020	10.1016/j.aeue.2020.153096	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
81	Bhargava, VVK; Chari, KJB; Rao, VR	Experimental investigation of M40 grade concrete with supplementary cementitious materials and glass fiber	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.05.209	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
82	Chandra, VS; Lingeshwaran, N	Comparative analysis of hollow brick wall as load bearing construction and framed structures	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.04.541	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
83	Jaladi, S; Rao, TE; Srinath, A	Inverse Kinematics Analysis of Serial Manipulators Using Genetic Algorithms	SOFT COMPUTING FOR PROBLEM SOLVING, SOCPROS 2018, VOL 1	2020	10.1007/978-981-15-0035-0_42	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
84	Kanamarlapudi, SLRK; Muddada, S	Biosorption of Iron (II) by Lactobacillus fermentum from Aqueous Solutions	POLISH JOURNAL OF ENVIRONMENTAL STUDIES	2020	10.15244/pjoes/103443	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
85	Karthikeyan, C; Jabber, B; Deepak, V; Vamsidhar, E	Image Processing based Improved Face Recognition for Mobile Devices by using Scale-Invariant Feature Transform	PROCEEDINGS OF THE 5TH INTERNATIONAL CONFERENCE ON INVENTIVE COMPUTATION TECHNOLOGIES (ICICT-2020)	2020	10.1109/icit48043.2020.9112541	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
86	Sandeep, M; Kumar, PJ	Analysis of Machining Parameters on D2Tool Steel in Wire Cut EDM	ADVANCES IN LIGHTWEIGHT MATERIALS AND STRUCTURES, ACALMS 2020	2020	10.1007/978-981-15-7827-4_48	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
87	Tambe, K; Mohan, GK	Performance Analysis of the Mobile WSN for Efficient Localization	DATA MANAGEMENT, ANALYTICS AND INNOVATION, ICDMAI 2019, VOL 2	2020	10.1007/978-981-13-9364-8_35	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
88	Diyya, K	Novel Stability Indicating RP-HPLC Method Development and Validation for Simultaneous Estimation of Alfuzosin and Dutasteride in Pharmaceutical Dosage Form	INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH	2020	10.5530/ijper.54.4.210	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
89	Satyanarayana, BVV; Prakash, MD	Device and Circuit Level Design, Characterization and Implementation of Low Power 7T SRAM Cell using Heterojunction Tunneling Transistors with Oxide Overlap	MICROPROCESSORS AND MICROSYSTEMS	2020	10.1016/j.micpro.2020.103164	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

90	Suresh, L; Bondili, JS; Brahman, PK	Development of proof of concept for prostate cancer detection: an electrochemical immunosensor based on fullerene-C60 and copper nanoparticles composite film as diagnostic tool	MATERIALS TODAY CHEMISTRY	2020	10.1016/j.mtchem.2020.100257	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
91	Kumar, TR; Videla, LS; SivaKumar, S; Asalg, GG; Haritha, D	Murmured Speech Recognition Using Hidden Markov Model	2020 7TH IEEE INTERNATIONAL CONFERENCE ON SMART STRUCTURES AND SYSTEMS (ICSSS 2020)	2020	10.1109/icsss49621.2020.9202163	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
92	Mallu, MR; Naredla, K; Meesala, ML; Karyamsetty, KV; Dudekula, S; Boppa, H; Thota, T; Akula, NB	Artificial Sweeteners and Metabolic Syndrome: Paradox of Physiological Behavior or Neuroendocrine Mechanisms	JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL	2020	10.9734/JPRI/2020/v32i3330953	Emerging Sources Citation Index (ESCI)	WOS Proof
93	Selvakumar, R; Kumar, ML; Gopal, SR	Material analysis of high degree of variability in thin CMOS for SRAM current sense amplifier	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2019.05.444	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
94	Srikakulam, LM; Khed, VC	Theoretical Research and Performance of Engineered Cementitious Composite	ADVANCES IN LIGHTWEIGHT MATERIALS AND STRUCTURES, ACALMS 2020	2020	10.1007/978-981-15-7827-4_25	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
95	Swetha, K; Kalyan, SP; Pavan, V; Roshini, A	A Modified Tiny Asymmetric Encryption for Secure Ftp to Network	2020 6TH INTERNATIONAL CONFERENCE ON ADVANCED COMPUTING AND COMMUNICATION SYSTEMS (ICACCS)	2020	10.1109/icaccs48705.2020.9074316	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
96	Rao, MV; Malladi, S	Secure Energy Efficient Attack Resilient Routing Technique for Zone based Wireless Sensor Network	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
97	Srihari, D; Kishore, PVV	Multi Modal RGB D Action Recognition with CNN LSTM Ensemble Deep Network	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
98	Basith, KA; Shankar, TN	Security using ECC Based on Fuzzy Clustering in Wireless Sensor Networks	INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND NETWORK SECURITY	2020	10.22937/IJCSNS.2020.20.11.4	Emerging Sources Citation Index (ESCI)	WOS Proof
99	NavnathDattatraya, K; Rao, KR	Maximising network lifetime and energy efficiency of wireless sensor network using group search Ant lion with Levy flight	IET COMMUNICATIONS	2020	10.1049/iet-com.2018.5778	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
100	Rajasekhar, J; Sastry, JKR	BUILDING COMPOSITE EMBEDDED SYSTEMS BASED NETWORKS THROUGH HYBRIDISATION AND BRIDGING I2C AND CAN	JOURNAL OF ENGINEERING SCIENCE AND TECHNOLOGY	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
101	Madhuri, AS; Immadi, G; Narayana, MV	Estimation of Effect of Fog on Terrestrial Free Space Optical Communication Link	WIRELESS PERSONAL COMMUNICATIONS	2020	10.1007/s11277-020-07098-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
102	Kamjula, V; Kanneganti, A; Metla, R; Nidamanuri, K; Idupulapati, S; Runthala, A	Decoding the vital segments in human ATP-dependent RNA helicase	BIOINFORMATION	2020	10.6026/97320630016160	Emerging Sources Citation Index (ESCI)	WOS Proof
103	Danda, UK; Kumar, YH; Kumar, BSC	Experimental study on reinforced geopolymer concrete columns using GGBS	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.05.607	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
104	Harshitha, CG; Rao, MK; Kumar, PN	A Novel Mechanism for Host-Based Intrusion Detection System	FIRST INTERNATIONAL CONFERENCE ON SUSTAINABLE TECHNOLOGIES FOR COMPUTATIONAL INTELLIGENCE	2020	10.1007/978-981-15-0029-9_42	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
105	Praveen, NN; Rao, NKG; Reddy, MB; Kumar, NS	A Study on Engineering Properties of Reinforced and Unreinforced Soils	BIOSCIENCE BIOTECHNOLOGY RESEARCH COMMUNICATIONS	2020	10.21786/bbrc/13.15/13	Emerging Sources Citation Index (ESCI)	WOS Proof
106	Sreenivas, KT; Raju, KV; Spandana, MB; Reddy, DSH; Bhavani,	Performance Analysis of Convolutional Neural Network When Augmented with New Classes in Classification	SOFT COMPUTING FOR PROBLEM SOLVING, SOCPROS 2018, VOL 2	2020	10.1007/978-981-15-0184-5_54	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof

107	Venkatesh, C; Bojja, P	Lung Cancer Detection using Bio-Inspired Algorithm in CT Scans and Secure Data Transmission through IoT Cloud	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
108	Badugu, DM; Sunithamani, S	Crosstalk reduction in copper on-chip interconnects with graphene barrier for ternary logic applications	INTERNATIONAL JOURNAL OF CIRCUIT THEORY AND APPLICATIONS	2020	10.1002/cta.2809	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
109	Chakravorti, T; Satyanarayana, P	Non linear system identification using kernel based exponentially extended random vector functional link network	APPLIED SOFT COMPUTING	2020	10.1016/j.asoc.2020.106117	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
110	Sahyaja, C; Rao, KSS	Factors influencing the ambidextrous leadership : A study on IT sector in India	JOURNAL OF STATISTICS & MANAGEMENT SYSTEMS	2020	10.1080/09720510.2020.1736321	Emerging Sources Citation Index (ESCI)	WOS Proof
111	Siridhara, AL; Ratnam, DV	Mitigation of Multipath Effects Based on a Robust Fractional Order Bidirectional Least Mean Square (FOBLMS) Beamforming Algorithm for GPS Receivers	WIRELESS PERSONAL COMMUNICATIONS	2020	10.1007/s11277-020-07071-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
112	Aparna, P; Kishore, PVV	A Blind Medical Image Watermarking for Secure E-Healthcare Application Using Crypto-Watermarking System	JOURNAL OF INTELLIGENT SYSTEMS	2020	10.1515/jisys-2018-0370	Emerging Sources Citation Index (ESCI)	WOS Proof
113	Desineni, BOR; Kommineni, HR	An experimental study on strength characteristics of self curing concrete with manufacture sand using super absorbed polymer	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.04.117	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
114	Krishna, A; Rao, PCS; Basha, CMAKZ	Efficient Computerized Lung Cancer Detection Using Bag of Words	2020 7TH IEEE INTERNATIONAL CONFERENCE ON SMART STRUCTURES AND SYSTEMS (ICSSS 2020)	2020	10.1109/icsss49621.2020.9202039	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
115	Putluri, S; Rahman, MZU	Novel Exon Predictors Using Variable Step Size Adaptive Algorithms	INNOVATIVE DATA COMMUNICATION TECHNOLOGIES AND APPLICATION	2020	10.1007/978-3-030-38040-3_86	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
116	Roshini, A; Kiran, KVD	Challenges in Physiological Signal Extraction from Cognitive Radio Wireless Body Area Networks for Emotion Recognition	COMPUTATIONAL VISION AND BIO-INSPIRED COMPUTING	2020	10.1007/978-3-030-37218-7_57	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
117	Venkatesh, P; Kulandaivelu, U; Rao, GK; Chakravarthi, G; Alavala, RR; Rajesh, B	A Novel UPLC-PDA Stability Indicating Method Development and Validation for the Simultaneous Estimation of Lamivudine and Dolutegravir in Bulk and Its Tablets	JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL	2020	10.9734/JPRI/2020/v32i3230933	Emerging Sources Citation Index (ESCI)	WOS Proof
118	Venkiteela, LK	Status and challenges of solid waste management in Tirupati city	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.05.044	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
119	Trinadh, T; Khuntia, H; Anusha, T; Bhavani, KS; Kumar, JVS; Brahman, PK	Synthesis and characterization of nanocomposite material based on graphene quantum dots and lanthanum doped zirconia nanoparticles: An electrochemical sensing application towards flutamide in urine samples	DIAMOND AND RELATED MATERIALS	2020	10.1016/j.diamond.2020.108143	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
120	Teju, V; Bhavana, D	RETRACTED: An efficient object detection using OFSA for thermal imaging (Retracted Article)	INTERNATIONAL JOURNAL OF ELECTRICAL ENGINEERING EDUCATION	2020	10.1177/0020720920944434	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
121	Gunda, S; Ravindran, RSE	A Novel Low Power, Minimal Dead Zone Digital PFD for Biomedical Applications	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
122	Alapati, LKSP; Kavuri, NC	Analysis of Green Building Certification Attainment through LEED System for SDC Block at KLEF, India	3RD INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING (ICAME 2020), PTS 1-6	2020	10.1088/1757-899X/912/6/062044	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
123	Pawan, YVRN; Prakash, KB	Improved PSO Performance using LSTM based Inertia Weight Estimation	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
124	Bora, P; Pardhasaradhi, P; Madhav, BTP	Design and Analysis of EBG Antenna for Wi-Fi, LTE, and WLAN Applications	APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY JOURNAL	2020	10.47037/2020.ACES.J.350908	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

125	Banchhor, C; Srinivasu, N	Integrating Cuckoo search-Grey wolf optimization and Correlative Naive Bayes classifier with Map Reduce model for big data classification	DATA & KNOWLEDGE ENGINEERING	2020	10.1016/j.datak.2019.101788	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
126	Ganapaneni, S; Pinni, SV	Coordinated charging of electric vehicles including customer options for slow or fast charging	TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES	2020	10.3906/elk-1806-196	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
127	Kumar, KS; Lingeshwaran, N; Jeelani, SH	Analysis of residential building with STAAD. Pro & ETABS	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.08.329	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
128	Nibhanupudi, P; Rahul, GB	Comparative study on use of precast framed structure and precast load bearing wall structure	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.05.219	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
129	Varam, SB; Burthi, LR	A novel Q/P droop control of standalone micro grid having multiple sources with adaptive controller	INTERNATIONAL JOURNAL OF KNOWLEDGE-BASED AND INTELLIGENT ENGINEERING SYSTEMS	2020	10.3233/KES-200038	Emerging Sources Citation Index (ESCI)	WOS Proof
130	Srilakshmi, R; Bhaskar, MJ	Prevention of Attacks in Mobile Ad Hoc Network using African Buffalo Monitoring Zone Protocol	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
131	Balakrishna, G; Moparthi, NR	The Automatic Agricultural Crop Maintenance System using Runway Scheduling Algorithm: Fuzzyc-LR for IoT Networks	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
132	Muni, TV; Lalitha, SVN	Implementation of Control Strategies for Optimum Utilization of Solar Photovoltaic Systems with Energy Storage Systems	INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
133	Sailaja, BVS; Naik, KK	Design and analysis of serpentine meander asymmetric cantilever RF-MEMS shunt capacitive switch	ANALOG INTEGRATED CIRCUITS AND SIGNAL PROCESSING	2020	10.1007/s10470-020-01606-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
134	Bhimanpallewar, RN; Narasingarao, MR	Alternative approaches of Machine Learning for Agriculture Advisory System	PROCEEDINGS OF THE CONFLUENCE 2020: 10TH INTERNATIONAL CONFERENCE ON CLOUD COMPUTING, DATA SCIENCE & ENGINEERING	2020	10.1109/confluence47617.2020.9058152	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
135	Narasamma, VL; Sreedevi, M	A Comparative Approach for Classification and Combined Cluster Based Classification Method for Tweets Data Analysis	SMART INTELLIGENT COMPUTING AND APPLICATIONS, VOL 2	2020	10.1007/978-981-32-9690-9_33	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
136	Sandeep, M; Kumar, PJ	Experimental Execution Analysis of Wire Electric Discharge Machining	ADVANCES IN LIGHTWEIGHT MATERIALS AND STRUCTURES, ACALMS 2020	2020	10.1007/978-981-15-7827-4_45	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
137	Srikanth, N; Prasad, MSG	A Compressive Family Based Efficient Trust Routing Protocol (C-FETRP) for Maximizing the Lifetime of WSN	DATA COMMUNICATION AND NETWORKS, GUCON 2019	2020	10.1007/978-981-15-0132-6_6	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
138	Bondili, KB; Immadi, G	Design and Analysis of High Gain Linear Rectangular Microstrip Array Antenna at 20.2 GHz of Ka Band	WIRELESS PERSONAL COMMUNICATIONS	2020	10.1007/s11277-019-06940-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
139	Babu, GH; Venkatram, N	A survey on analysis and implementation of state-of-the-art haze removal techniques	JOURNAL OF VISUAL COMMUNICATION AND IMAGE REPRESENTATION	2020	10.1016/j.jveir.2020.102912	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
140	More, P; Mishra, P	Enhanced-PCA based Dimensionality Reduction and Feature Selection for Real-Time Network Threat Detection	ENGINEERING TECHNOLOGY & APPLIED SCIENCE RESEARCH	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
141	Goud, BS; Rao, BL	An Intelligent Technique for Optimal Power Quality Enhancement (OPQE) in a HRES Grid Connected System: ESA Technique	INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
142	Subhani, S; Yadav, GVPCS; Ghali, VS	Defect characterisation using pulse compression-based quadratic frequency modulated thermal wave imaging	IET SCIENCE MEASUREMENT & TECHNOLOGY	2020	10.1049/iet-smt.2019.0118	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

143	Nirmal, KR; Satyanarayana, KVV	Map Reduce based REMoving Dependency on K and Initial Centroid Selection MR-REDIC Algorithm for clustering of Mixed Data	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
144	Anusha, M; Vemuru, S	An Effective MAC Protocol for Multi-radio Multi-channel Environment of Cognitive Radio-Wireless Mesh Network (CRWMN)	FIRST INTERNATIONAL CONFERENCE ON SUSTAINABLE TECHNOLOGIES FOR COMPUTATIONAL INTELLIGENCE	2020	10.1007/978-981-15-0029-9_3	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
145	Krishna, KS; Ratnam, DV; Sridhar, M; Harsha, PBS; Sivavaraprasad, G	Performance Evaluation of Adjusted Spherical Harmonics Ionospheric Model Over Indian Region	IEEE ACCESS	2020	10.1109/ACCESS.2020.3024920	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
146	Enagandula, P	Solution Behavior of Homogeneous Linear System of Differential Equations $x'(t) = Ax(t)$, A is Symmetric Matrix	INTERNATIONAL CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS (ICMSA-2019)	2020	10.1063/5.0014579	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
147	Gade, P; Kanneganti, JBC; Vummaneni, RR	Durability study on multiple grades of concrete with ternary blend supplementary cementitious materials	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.06.452	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
148	Niraja, KS; Rao, SS	Security Challenges and Counter Measures in Internet of Things	2020 INTERNATIONAL CONFERENCE ON COMPUTER COMMUNICATION AND INFORMATICS (ICCCI - 2020)	2020	10.1109/iccci48352.2020.9104159	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
149	Rahul, DR; Lingeshwaran, N	Experimental and comparative study on hollow brick walls having truss and ladder type reinforcement under axial loading	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.04.860	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
150	Srikanth, N; Prasad, MSG	An Adaptive Genetic Co-relation Node Optimization Routing for Wireless Sensor Network	DATA COMMUNICATION AND NETWORKS, GUCON 2019	2020	10.1007/978-981-15-0132-6_7	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
151	Thunga, K; Das, TV	An experimental investigation on concrete with replacement of treated sea sand as fine aggregate	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.01.356	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
152	Biftu, WK; Ravulapalli, S; Kunta, R	Effective De-fluoridation of Water Using Leucaena luecocephala Active Carbon as Adsorbent	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH	2020	10.1007/s41742-020-00268-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
153	Jagan, BOL; Rao, SK	Underwater surveillance in non-Gaussian noisy environment	MEASUREMENT & CONTROL	2020	10.1177/0020294019877515	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
154	Srinivasan, T; Gopal, CVLNR; Sasidhar, P; Kumar, PV; Sohail, S	Effect of change of cross section and Frequency Analysis of Anti-Roll Bar Using FEA	5TH INTERNATIONAL CONFERENCE ON MATERIALS AND MANUFACTURING ENGINEERING-2020 (ICMME-2020)	2020	10.1088/1757-899X/954/1/012027	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
155	Videla, LS; Kumar, PMA	Facial Expression Classification Using Vanilla Convolution Neural Network	2020 7TH IEEE INTERNATIONAL CONFERENCE ON SMART STRUCTURES AND SYSTEMS (ICSSS 2020)	2020	10.1109/icsss49621.2020.9202053	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
156	Reddy, MA; Ravindranath, K	Virtual Machine Placement Using JAYA Optimization Algorithm	APPLIED ARTIFICIAL INTELLIGENCE	2020	10.1080/08839514.2019.1689714	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
157	Meerimatha, G; Rao, BL	Novel reconfiguration approach to reduce line losses of the photovoltaic array under various shading conditions	ENERGY	2020	10.1016/j.energy.2020.117120	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
158	Hari, C; Das, TV	Analytical study of built-up section beam in comparison with conventional beam	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.04.551	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
159	Kalesha, S; Reddy, BSSR; Jagarapu, DCK	An analytical study on pre engineered buildings using staad pro	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.04.076	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
160	Pinupolu, P; Kommineni, HR	Best method of municipal solid waste management through public-private partnership for Vijayawada city	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.03.816	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
161	Tejaswini, GLS; Rao, AV	A detailed report on various behavioral aspects of self-compacting concrete	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.06.273	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
162	Jahan, K; Rao, SK	Implementation Of underwater target tracking techniques for Gaussian and non-Gaussian environments	COMPUTERS & ELECTRICAL ENGINEERING	2020	10.1016/j.compeleceng.2020.106783	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

163	Ummiti, K; Kumar, JVS	Evaluation of temperature, excipients impact on the primary structure of Ganirelix in an injectable formulation, and comparison with Orgalutran® using MALDI-TOF/TOF-MS	JOURNAL OF MASS SPECTROMETRY	2020	10.1002/jms.4610	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
164	Sasikala, N; Kishore, PVV	Train bogie part recognition with multi-object multi-template matching adaptive algorithm	JOURNAL OF KING SAUD UNIVERSITY-COMPUTER AND INFORMATION SCIENCES	2020	10.1016/j.jksuci.2017.10.001	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
165	Chawla, RK; Panda, S; Umasankar, K; Panda, SP; Damayanthi, D	Risk Assessment, Screening and Control of Elemental Impurities in Pharmaceutical Drug Products: A Review	CURRENT PHARMACEUTICAL ANALYSIS	2020	10.2174/1573412915666190314144134	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
166	Chetan, D; Aravindan, A	An experimental investigation on strength characteristics by partial replacement of rice husk ash and Robo sand in concrete	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.05.075	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
167	Dines, R; Kumar, PV	Potential of High Density Polyethylene on axial strength enhancement of reinforced concrete columns	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.03.818	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
168	Gaddam, MS; Achuthan, A	A comparative study on newly emerging type of formwork systems with conventional type of form work systems	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.06.090	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
169	Munagala, DP; Kone, V	Feasibility study and implementation of BIM in small scale projects	3RD INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING (ICAME 2020), PTS 1-6	2020	10.1088/1757-899X/912/6/062049	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
170	Naik, KK; Teja, SCS; Sailaja, BVS; Sri, AV	Design of Flexible Parasitic Element Patch Antenna for Biomedical Application	PROGRESS IN ELECTROMAGNETICS RESEARCH M	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
171	Nimmagadda, R	Dynamics of rising bubbles in initially quiescent liquids that are later on disturbed by falling drops	JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING	2020	10.1007/s40430-020-02612-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
172	Gopal, SR; Prabhakar, VSV	A Hybrid Approach to Enhance Scalability, Reliability and Computational Speed in LoRa Networks	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
173	Rao, KS; Reddy, BM; Teja, VB; Krishnateja, GVS; Kumar, PA; Ramesh, KS	Design and simulation of MEMS based capacitive pressure sensor for harsh environment	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2020	10.1007/s00542-019-04735-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
174	Suresh, L; Bondili, JS; Brahman, PK	Fabrication of Immunosensor Based on Polyaniline, Fullerene-C60 and Palladium Nanoparticles Nanocomposite: An Electrochemical Detection Tool for Prostate Cancer	ELECTROANALYSIS	2020	10.1002/elan.201900659	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
175	Battula, VR; Namburu, SK; Kone, V	A study on factors involved in implementation of supply chain management in construction industry	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.04.900	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
176	Hazarath, P; Kumar, PV	Experimental investigation on flexural deficient RC beams retrofitting with UHMW polyethylene	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.03.567	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
177	Kumar, HV; Rahul, BG	Performance And Cost Analysis Of Modified Bitumen Binder For Flexible Pavement	3RD INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING (ICAME 2020), PTS 1-6	2020	10.1088/1757-899X/912/6/062050	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
178	Srikakulam, LM; Khed, VC	Experimental investigation on the strength parameters of rubberized engineered cementitious composite with M sand	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.02.146	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
179	Dattatraya, KN; Ananthakumaran, S	Parametric Analysis on Cluster Head Selection using Hybrid Optimization Framework	INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND NETWORK SECURITY	2020	10.22937/IJCSNS.2020.20.12.11	Emerging Sources Citation Index (ESCI)	WOS Proof

180	Naidu, AR; Bhavana, D; Revanth, P; Gopi, G; Kishore, MP; Venkatesh, KS	Fusion of visible and infrared images via saliency detection using two-scale image decomposition	INTERNATIONAL JOURNAL OF SPEECH TECHNOLOGY	2020	10.1007/s10772-020-09755-2	Emerging Sources Citation Index (ESCI)	WOS Proof
181	Gouse, SM; Mohan, GK	Improving the Performance of Various Privacy Preserving Databases using Hybrid Geometric Data Perturbation Classification Model	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
182	Chaitanya, GK; Sekhar, KR	GAIT based Behavioral Authentication using Hybrid Swarm based Feed Forward Neural Network	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
183	Bhargavi, Y	A study on translational invariant vague set of a Γ -semiring	AFRIKA MATEMATIKA	2020	10.1007/s13370-020-00794-1	Emerging Sources Citation Index (ESCI)	WOS Proof
184	Kumar, EK; Kishore, PVV; Kumar, MTK; Kumar, DA	3D sign language recognition with joint distance and angular coded color topographical descriptor on a 2-stream CNN	NEUROCOMPUTING	2020	10.1016/j.neucom.2019.09.059	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
185	Bhandari, RR; Rajasekhar, K	Energy-Efficient Routing-Based Clustering Approaches and Sleep Scheduling Algorithm for Network Lifetime Maximization in Sensor Network: A Survey	INVENTIVE COMMUNICATION AND COMPUTATIONAL TECHNOLOGIES, ICICCT 2019	2020	10.1007/978-981-15-0146-3_27	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
186	Jitendra, K; Khed, VC	Optimization of concrete blocks with high volume fly ash and foundry sand	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.02.052	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
187	Kumar, VP; Prakash, KB	A Critical Review on Federated Cloud Consumer Perspective of Maximum Resource Utilization for Optimal Price Using EM Algorithm	SOFT COMPUTING FOR PROBLEM SOLVING, SOCPROS 2018, VOL 2	2020	10.1007/978-981-15-0184-5_15	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
188	Movva, SH; Lakshmi, SV	An analytical approach to sustainable building adaption using biomimicry	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.05.207	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
189	Nimmagadda, S; Sivakumar, S; Kumar, N; Haritha, D	Predicting Airline Crash due to Birds Strike Using Machine Learning	2020 7TH IEEE INTERNATIONAL CONFERENCE ON SMART STRUCTURES AND SYSTEMS (ICSSS 2020)	2020	10.1109/icsss49621.2020.9202137	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
190	Sambaraju, S; Lakshmi, VS	Eco-friendly treatment of dairy wastewater using garbage enzyme	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.05.719	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
191	Sangeetha, V; Kumar, BSC; Kumar, YH	Effect of ferrocement wrapping system on strength and behaviour of geopolymer concrete beam	3RD INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING (ICAME 2020), PTS 1-6	2020	10.1088/1757-899X/912/6/062037	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
192	Vijaya, K; Reddy, GVR	INFLUENCE OF CRITICAL PARAMETERS OF THERMOPHORESIS ON MHD NON-DARCY FLOW OF A CASSON FLUID PAST A PERMEABLE STRETCHING SHEET	FRONTIERS IN HEAT AND MASS TRANSFER	2020	10.5098/hmt.14.12	Emerging Sources Citation Index (ESCI)	WOS Proof
193	Sagar, PV; Kumar, TP; Chaitanya, GK; Rao, MN	COVID-19 Transmission Risks Assessment using Agent-Based Weighted Clustering Approach	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
194	Kommuri, K; Kolluru, VR	Real Time Implementation and Comparison of ESP8266 vs. MSP430F2618 QoS Characteristics for Embedded and IoT Applications	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
195	Chaitanya, GK; Sekhar, KR	A Human Gait Recognition Against Information Theft in Smartphone using Residual Convolutional Neural Network	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
196	Gopanagoni, V; Velpula, SL	An analytical approach on life cycle cost analysis of a green building	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.04.226	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
197	Jain, PP; Chaitanya, KN	Develop the climatic condition ratio for typical building in India	3RD INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING (ICAME 2020), PTS 1-6	2020	10.1088/1757-899X/912/6/062042	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof

198	Kommineni, M; Reddy, KV; Jagathi, K; Reddy, BD; Roshini, A; Bhavani, V	Groundwater Level Prediction Using Modified Linear Regression	2020 6TH INTERNATIONAL CONFERENCE ON ADVANCED COMPUTING AND COMMUNICATION SYSTEMS (ICACCS)	2020	10.1109/icaccs48705.2020.9074313	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
199	Kommuri, K; Kolluru, VR	Prototype Development of CAQSS Health Care System with MQTT protocol by using Atmega328	2020 INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE AND SIGNAL PROCESSING (AISP)	2020	10.1109/aisp48273.2020.9073339	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
200	Raj, PP; Gupta, PSK; Kumar, PP; Paramesh, G; Rohit, K	Model and analysis of rotor and impeller of eight stage centrifugal pump	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2019.04.215	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
201	Rao, DS; Govardhani, I	A Penta Band Notched Elliptical Planar Monopole Antenna for UWB Applications	PROGRESS IN ELECTROMAGNETICS RESEARCH M	2020	10.2528/PIERM20042301	Emerging Sources Citation Index (ESCI)	WOS Proof
202	Vemuri, PK; Varakala, NR; Dhakate, D; Ravavarapu, T; Dumpala, FP; Muddana, SS; Bommepalli, H; Modiboyana, S	Improving the Recombinant Protein Expression of Human Galectin-3 in BL21 Bacterial Host System	JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL	2020	10.9734/JPRI/2020/v32i3430970	Emerging Sources Citation Index (ESCI)	WOS Proof
203	Sathya, AR; Banik, BG	A Comprehensive Study of Blockchain Services: Future of Cryptography	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
204	Dharmendra, B; Kodali, SP; Boggarapu, NR	Multi-objective optimization for optimum abrasive water jet machining process parameters of Inconel718 adopting the Taguchi approach	MULTIDISCIPLINE MODELING IN MATERIALS AND STRUCTURES	2020	10.1108/MMMS-10-2018-0175	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
205	Sandeep, DR; Prabakaran, N; Madhav, BTP; Narayana, KL; Reddy, YP	Semicircular shape hybrid reconfigurable antenna on Jute textile forISM,Wi-Fi,Wi-MAX, andW-LANapplications	INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING	2020	10.1002/mmce.22401	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
206	Rao, KS; Kumar, YSS; Rohini, KSS; Ravi, P; Sravani, KG; Kumar, PA	Design and analysis of MEMS based electrospray thruster	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2020	10.1007/s00542-020-04751-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
207	Srihari, D; Kishore, PVV; Kumar, EK; Kumar, DA; Kumar, MTK; Prase, MVD; Prasad, CR	A four-stream ConvNet based on spatial and depth flow for human action classification using RGB-D data	MULTIMEDIA TOOLS AND APPLICATIONS	2020	10.1007/s11042-019-08588-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
208	Priyadarshini, KM; Ravindran, RSE; Nanda, I	A Novel Two Level Edge Activated Carry Save Adder for High Speed Processors	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
209	Basha, BG; Rao, BK; Rao, CH	Service life prediction of R.C structure incorporated with GGBS & silica fume subjected to chloride ion penetration	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.04.040	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
210	Mahalakshmi, SHV; Khed, VC	Experimental study on M -sand in self -compacting concrete with and without silica fume	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.01.432	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
211	Nagalakshmi, PSS; Vijaya, N	MHD FLOW OF CARREAU NANOFLUID EXPLORED USING CNT OVER A NONLINEAR STRETCHED SHEET	FRONTIERS IN HEAT AND MASS TRANSFER	2020	10.5098/hmt.14.4	Emerging Sources Citation Index (ESCI)	WOS Proof
212	Pujitha, KSVS; Venkatesh, K	Forecasting the construction cost by using unit based estimation model	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.05.546	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
213	Krishnaveni, PR; Kishore, GN	Image Based Group Classifier for Brain Tumor Detection Using Machine Learning Technique	TRAITEMENT DU SIGNAL	2020	10.18280/ts.370520	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
214	Nadh, BP; Madhav, BTP; Kumar, MS; Anilkumar, T; Rao, MV; Kishore, PVV	Windmill-shaped antenna with artificial magnetic conductor-backed structure for wearable medical applications	INTERNATIONAL JOURNAL OF NUMERICAL MODELLING-ELECTRONIC NETWORKS DEVICES AND FIELDS	2020	10.1002/jnm.2757	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

215	Kumar, GNS; Srinath, A	Induction Motor for Pedestrian Transportation in Benz Circle Vijayawada	JOURNAL OF INFORMATION SCIENCE AND ENGINEERING	2020	10.6688/JISE.202003_36(2).0006	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
216	Ganduri, VSR	Evaluation of pullulan-based edible active coating methods on Rastali and Chakkarakeli bananas and their shelf-life extension parameters studies	JOURNAL OF FOOD PROCESSING AND PRESERVATION	2020	10.1111/jfpp.14378	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
217	Naik, A	Use of Teaching Learning Based Optimization for Data Clustering	INNOVATION IN ELECTRICAL POWER ENGINEERING, COMMUNICATION, AND COMPUTING TECHNOLOGY, IEPCCCT 2019	2020	10.1007/978-981-15-2305-2_10	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
218	Nellutla, R; Mohammed, M	Survey: A Comparative Study of Different Security Issues in Big Data	EMERGING RESEARCH IN DATA ENGINEERING SYSTEMS AND COMPUTER COMMUNICATIONS, CCODE 2019	2020	10.1007/978-981-15-0135-7_24	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
219	Pachipala, Y; Bharadwaj, CM; Narendra, P; Sree, GL; Reddy, KP	Interactive Video Gaming with Internet of Things	PROCEEDING OF THE INTERNATIONAL CONFERENCE ON COMPUTER NETWORKS, BIG DATA AND IOT (ICCB-2018)	2020	10.1007/978-3-030-24643-3_52	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
220	Pyla, RK; Dabbakuti, JRKK; Mutchakayala, SGP; Yashoda, S; Alluri, M	Modeling of ionospheric characteristics based on canonical correlation analysis at Bangalore for the year 2017	ACTA GEODAEICA ET GEOPHYSICA	2020	10.1007/s40328-020-00317-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
221	Perla, P; Seelam, N; Bera, R	Design and Synthesis of Novel 1a,3,4-Oxadiazole Derivatives as Cytotoxic Agents: A Combined Experimental and Docking Study	RUSSIAN JOURNAL OF ORGANIC CHEMISTRY	2020	10.1134/S1070428020050280	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC)	WOS Proof
222	Kumar, S; Shardhi, TV	Performance Measure of Classifier for Prediction of Healthcare Clinical Information	FIRST INTERNATIONAL CONFERENCE ON SUSTAINABLE TECHNOLOGIES FOR COMPUTATIONAL INTELLIGENCE	2020	10.1007/978-981-15-0029-9_23	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
223	Reddy, SR; Murali, G; Raju, VD	Assessment of diethyl ether as a fuel additive on the diverse characteristics of diesel engine powered with waste mango seed biodiesel blend	INTERNATIONAL JOURNAL OF AMBIENT ENERGY	2020	10.1080/01430750.2020.1824944	Emerging Sources Citation Index (ESCI)	WOS Proof
224	Mohanta, A; Mukherjee, P; Mirtal, VK	Acoustic Features Characterization of Autism Speech for Automated Detection and Classification	2020 TWENTY SIXTH NATIONAL CONFERENCE ON COMMUNICATIONS (NCC 2020)	2020	10.1109/ncc48643.2020.9056025	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
225	Odugu, H; Achuthan, A	Impact of prefabrication technology on profitability using Primavera p6	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.04.129	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
226	Reddy, JR; Pandian, A; Reddy, CR	An efficient learning based RFMFA technique for islanding detection scheme in distributed generation systems	APPLIED SOFT COMPUTING	2020	10.1016/j.asoc.2020.106638	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
227	Santoshi, PN; Reddy, GVR; Padma, P	Numerical Scrutinization of Three Dimensional Casson-Carreau Nano Fluid Flow	JOURNAL OF APPLIED AND COMPUTATIONAL MECHANICS	2020	10.22055/JACM.2019.29377.1593	Emerging Sources Citation Index (ESCI)	WOS Proof
228	Mohanta, A; Mittal, VK	Classifying Speech of ASD Affected and Normal Children Using Acoustic Features	2020 TWENTY SIXTH NATIONAL CONFERENCE ON COMMUNICATIONS (NCC 2020)	2020	10.1109/ncc48643.2020.9056084	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
229	Nishant, PS; Mohan, BGK; Chandra, BS; Lokesh, Y; Devaraju, G; Revanth, M	Lexicon-Based Text Analysis for Twitter and Quora	INNOVATIVE DATA COMMUNICATION TECHNOLOGIES AND APPLICATION	2020	10.1007/978-3-030-38040-3_32	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
230	Nayak, DK; Muduli, A; Hussain, MT; Mirza, AA; Gummadipudi, JR; Kumar, NS	Channel allocation in cognitive radio networks using energy detection technique	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.06.491	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
231	Siragam, S; Dubey, RS; Pappula, L	Synthesis and investigation of dielectric properties of nanoceramic composite material for microwave applications	MICRO & NANO LETTERS	2020	10.1049/mnl.2020.0266	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

232	Bhaskar, PS; Reddy, BD; Rao, NT; Bhattacharyya, D	PERFORMANCE ANALYSIS OF ENERGY CONSUMPTION BASED ALGORITHMIC APPROACH MODEL TO ENHANCE BATTERY LIFE	INTERNATIONAL JOURNAL OF GRID AND DISTRIBUTED COMPUTING	2020	10.33832/ijgdc.2020.13.2.03	Emerging Sources Citation Index (ESCI)	WOS Proof
233	Shinde, VD; Rao, BT	A Novel Approach to Mammogram Classification using Spatio-Temporal and Texture Feature Extraction using Dictionary based Sparse Representation Classifier	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
234	Pommidi, A; Shaik, AB; Chatterjee, A; Somarapu, VL	Iodine mediated a simple strategy for the synthesis of β,γ -unsaturated- α -ketoesters and its application for the synthesis of 4,5-dihydropyrazole derivatives	JOURNAL OF THE IRANIAN CHEMICAL SOCIETY	2020	10.1007/s13738-020-01872-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
235	Leelavathi, R; Kumar, GS; Murty, MSN	Second type nabla Hukuhara differentiability for fuzzy functions on time scales	ITALIAN JOURNAL OF PURE AND APPLIED MATHEMATICS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
236	Korade, DN; Ramana, KV; Jagtap, KR	Effect of Carbide Density on Fatigue Limit of H21 Die Steel	JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE	2020	10.1007/s11665-020-04556-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
237	Jyothi, PN; Lakshmi, DR; Rao, KVSNR	Identifying Fraudulent Behaviors in Healthcare Claims Using Random Forest Classifier With SMOTEchnique	INTERNATIONAL JOURNAL OF E-COLLABORATION	2020	10.4018/IJeC.2020100103	Emerging Sources Citation Index (ESCI)	WOS Proof
238	Babu, NR; Kulandaivelu, U; Rao, GSNK; Alavala, RR; Padmavathi, Y; Reddy, BM	DESIGN, SYNTHESIS AND EVALUATION OF ANTI TUBERCULAR ACTIVITY OF NOVEL TRIAZOLE DERIVATIVES	INTERNATIONAL JOURNAL OF PHARMACEUTICAL SCIENCES AND RESEARCH	2020	10.13040/IJPSR.0975-8232.11(6).2920-25	Emerging Sources Citation Index (ESCI)	WOS Proof
239	Rao, NT; Raj, SNM; Bhattacharyya, D	AN EXTENSIVE ANALYSIS OF IOT APPLICATIONS IN MEDICAL AND HEALTHCARE	INTERNATIONAL JOURNAL OF FUTURE GENERATION COMMUNICATION AND NETWORKING	2020	10.33832/ijfgcn.2020.13.2.02	Emerging Sources Citation Index (ESCI)	WOS Proof
240	Gayatri, M; Reddy, KJ; Babu, MJ	EMHD Flow of Carreau Fluid over a Stretching Sheet in the Presence of Thermal Radiation	INTERNATIONAL CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS (ICMSA-2019)	2020	10.1063/5.0014705	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
241	Roshini, A; Sai, VDV; Chowdary, SD; Kommineni, M; Anandakumar, H	An Efficient SecureU Application to Detect Malicious Applications in Social Media Networks	2020 6TH INTERNATIONAL CONFERENCE ON ADVANCED COMPUTING AND COMMUNICATION SYSTEMS (ICACCS)	2020	10.1109/icaccs48705.2020.9074169	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
242	Rajendra Prasad, C; Bojja, P	A hybrid energy-efficient routing protocol for wireless body area networks using ultra-low-power transceivers for eHealth care systems	SN APPLIED SCIENCES	2020	10.1007/s42452-020-03900-x	Emerging Sources Citation Index (ESCI)	WOS Proof
243	More, GV; Koli, SR; Rao, YVH; Prasad, PI; Rao, BN	Effect of compression ratio on compression ignition engine with RUCO biodiesel/ diethyl ether/ diesel fuel blends	ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS	2020	10.1080/15567036.2020.1785593	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
244	Murali, G; Anusha, M; Arunkumar, M	Performance study of a single cylinder diesel engine using diesel with Pongamia pinnata and Camelina sativa seed oil blends	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2019.04.222	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
245	Pyla, RK; Dabbakuti, JRKK	Modeling of ionospheric TEC corrections based on modified mapping function and Gram-Schmidt orthogonalization at low latitude region	ASTROPHYSICS AND SPACE SCIENCE	2020	10.1007/s10509-020-03830-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
246	Sandeep, DR; Prabakaran, N; Madhav, BTP; Narayana, KL; Kumar, PR	Systematic Investigation from Material Characterization to Modeling of Jute-Substrate-Based Conformal Circularly Polarized Wearable Antenna	JOURNAL OF ELECTRONIC MATERIALS	2020	10.1007/s11664-020-08536-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
247	Moparthy, NR; Sagar, PV; Balakrishna, G	Usage for Inside Design by AR and VR Technology	2020 7TH IEEE INTERNATIONAL CONFERENCE ON SMART STRUCTURES AND SYSTEMS (ICSSS 2020)	2020	10.1109/icsss49621.2020.9202283	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof

248	Kolli, CS; Reddy, VVK; Kavitha, M	A Critical Review on Internet of Things to Empower the Living Style of Physically Challenged People	EMERGING RESEARCH IN DATA ENGINEERING SYSTEMS AND COMPUTER COMMUNICATIONS, CCODE 2019	2020	10.1007/978-981-15-0135-7_55	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
249	Sujatha, T; Reddy, KJ; Kumar, JG	Nonlinear Radiation and Chemical Reaction Effects on MHD Nanofluid Flow past a Stretching Sheet in the Presence of Heat Generation/Absorption	INTERNATIONAL CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS (ICMSA-2019)	2020	10.1063/5.0014647	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
250	Yamparala, R; Challa, R; Kantharao, V; Krishna, PSR	Computerized Classification of Fruits using Convolution Neural Network	2020 7TH IEEE INTERNATIONAL CONFERENCE ON SMART STRUCTURES AND SYSTEMS (ICSSS 2020)	2020	10.1109/icsss49621.2020.9202305	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
251	Gupta, VMNSSVKR; Krishna, CVP	CLUSTERING THE PHYSICO-CHEMICAL PROPERTIES OF SEVENTEEN APPROVED BREAST CANCER DRUGS WITH K-MEANS AND FUZZY K-MEANS	INTERNATIONAL JOURNAL OF GRID AND DISTRIBUTED COMPUTING	2020	10.33832/ijgdc.2020.13.1.02	Emerging Sources Citation Index (ESCI)	WOS Proof
252	Meerimath, G; Rao, BL	A Novel Adaptive Topology for Photovoltaic Array under Partial Shadings to Increase Energy Yields	INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
253	Ahmad, MP; Rao, AV; Babu, KS; Rao, GN	Effect of carbon-doping on structural and dielectric properties of zinc oxide	JOURNAL OF ADVANCED DIELECTRICS	2020	10.1142/S2010135X20500174	Emerging Sources Citation Index (ESCI)	WOS Proof
254	Harisree, M; Bhattacharyya, D; Reddy, BD; Rao, NT	ENFORCED ENCRYPTION AND REVOKING DYNAMIC ACCESS	INTERNATIONAL JOURNAL OF SECURITY AND ITS APPLICATIONS	2020	10.33832/ijjsia.2020.14.3.03	Emerging Sources Citation Index (ESCI)	WOS Proof
255	Lakshmi, MLSNS; Madhav, BTP; Khan, H; Kishore, PVV	A frequency and pattern reconfigurable asymmetric ground antenna on flexible polyimide material for LTE, Wi-Fi, WLAN and fixed satellite applications	FLEXIBLE AND PRINTED ELECTRONICS	2020	10.1088/2058-8585/ab8f35	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
256	Pragathi, B; Nayak, DK; Poonia, RC	Mitigation of power quality issues for grid connected photo voltaic system using soft computing techniques	JOURNAL OF INTERDISCIPLINARY MATHEMATICS	2020	10.1080/09720502.2020.1731968	Emerging Sources Citation Index (ESCI)	WOS Proof
257	Korade, D; Ramana, KV; Jagtap, K	Wear and Fatigue Behaviour of Deep Cryogenically Treated H21 Tool Steel	TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS	2020	10.1007/s12666-019-01834-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
258	Ahmad, MP; Rao, AV; Babu, KS; Rao, GN	Effect of hydrogen annealing on structure and dielectric properties of zinc oxide nanoparticles	MATERIALS CHEMISTRY AND PHYSICS	2020	10.1016/j.matchemphys.2019.122226	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
259	Srinivasulu, S; Kavitha, M; Kolli, CS	Wireless Technology over Internet of Things	EMERGING RESEARCH IN DATA ENGINEERING SYSTEMS AND COMPUTER COMMUNICATIONS, CCODE 2019	2020	10.1007/978-981-15-0135-7_54	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
260	Endoori, S; Gulipalli, KC; Bodige, S; Chandra, JNNS; Seelam, N	Design, Synthesis, Anti-Cancer Activity, and in silico Studies of Novel Imidazo[1,2-a]pyridine Derivatives	RUSSIAN JOURNAL OF GENERAL CHEMISTRY	2020	10.1134/S1070363220090212	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC)	WOS Proof
261	Tilak, GBG; Kotamraju, SK; Madhav, BTP; Kavya, KCS; Rao, MV	AMC backed circularly polarized dual band antenna for Wi-Fi and WLAN applications	JOURNAL OF ELECTRICAL ENGINEERING-ELEKTROTECHNICKY CASOPIS	2020	10.2478/jee-2020-0041	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
262	Noorullah, RM; Mohammed, M	Twitter Data Clustering on issues of Children with Special Needs using Hybrid Topic Models with Multi-viewpoints Similarity Metric	INTERNATIONAL JOURNAL OF EARLY CHILDHOOD SPECIAL EDUCATION	2020	10.9756/INT-JECSE/V12I1.201003	Emerging Sources Citation Index (ESCI)	WOS Proof
263	Sandeep, M; Sandeep, M	Modeling and analysis of residual stresses in castings using AlSi12(Fe) and NiCu30(Fe) materials	3RD INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING (ICAME 2020), PTS 1-6	2020	10.1088/1757-899X/912/3/032047	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
264	Mohammed, KN; Chambrelin, KS	An analytical approach in usage of agile methodologies in construction industries - A case study	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.05.045	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
265	Surapureddi, SRK; Ravindhranath, K; Kumar, GSS; Sappidi, SR	Separation and Determination of d-Allose in Presence of Process-Related Impurities by Capillary Electrophoresis	FOOD ANALYTICAL METHODS	2020	10.1007/s12161-020-01842-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

266	Biftu, WK; Ravindhranath, K	Synthesis of nanoZrO ₂ via simple new green routes and its effective application as adsorbent in phosphate remediation of water with or without immobilization in Al-alginate beads	WATER SCIENCE AND TECHNOLOGY	2020	10.2166/wst.2020.318	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
267	Jyothi, B; Pandian, A; Bhavana, P	Fabrication and experimental analysis of multiple-winding transformers for multiphase supply	MEASUREMENT & CONTROL	2020	10.1177/0020294019897086	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
268	Pragathi, B; Nayak, DK; Poonia, RC	Neuro-Fuzzy Control Algorithm for Harmonic Compensation of Quality Improvement for Grid Interconnected Photovoltaic System	FIRST INTERNATIONAL CONFERENCE ON SUSTAINABLE TECHNOLOGIES FOR COMPUTATIONAL INTELLIGENCE	2020	10.1007/978-981-15-0029-9_49	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
269	Vasavi, P; Maloji, S; Kumar, EK; Kumar, DA; Sasikala, N	3D Hand Gesture Representation and Recognition through Deep Joint Distance Measurements	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
270	Shenoi, VV; Kuchibhotla, S; Kotturu, P	An efficient state detection of a person by fusion of acoustic and alcoholic features using various classification algorithms	INTERNATIONAL JOURNAL OF SPEECH TECHNOLOGY	2020	10.1007/s10772-020-09726-7	Emerging Sources Citation Index (ESCI)	WOS Proof
271	Reddy, SR; Murali, G; Raju, VD	Influence of decanol as fuel additive on the diverse characteristics of the diesel engine powered with mango seed biodiesel blend	INTERNATIONAL JOURNAL OF AMBIENT ENERGY	2020	10.1080/01430750.2020.1783356	Emerging Sources Citation Index (ESCI)	WOS Proof
272	Chhipa, MK; Madhav, BTP; Suthar, B	Design and Analysis of Optical Filter for Optical Communication Networks using Photonics Technology	3RD INTERNATIONAL CONFERENCE ON CONDENSED MATTER & APPLIED PHYSICS (ICC-2019)	2020	10.1063/5.0001249	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
273	Pragathi, B; Nayak, DK; Poonia, RC	Solar PV system-frequency adaptive disturbance observer control algorithm for compensating harmonics and frequency disturbances	JOURNAL OF INTERDISCIPLINARY MATHEMATICS	2020	10.1080/09720502.2020.1731977	Emerging Sources Citation Index (ESCI)	WOS Proof
274	Subhranshu, P; Kumari, CS; Sireesha, G	Formulation and Evaluation of Metoprolol Succinate Orodispersible Tablets Using Directly Compressible Coprocessed Excipient of Moringa Gum	ASIAN JOURNAL OF PHARMACEUTICS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
275	Devikar, RN; Patil, DV; Prakash, VC	A hybrid computing approach to improve convergence time for scalable network	SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES	2020	10.1007/s12046-020-01454-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
276	Reddy, GN; Gudisela, MR; Prasad, KRS	Total synthesis of (3R, 4S)-4-hydroxylasiodiplodin	SYNTHETIC COMMUNICATIONS	2020	10.1080/00397911.2020.1774902	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC); Current Chemical Reactions (CCR-EXPANDED)	WOS Proof
277	Rao, NT; Reddy, BD; Bhattacharyya, D	AN EXTENSIVE REVIEW ON IMPACT OF MACHINE LEARNING APPLICATIONS IN CYBERSECURITY	INTERNATIONAL JOURNAL OF SECURITY AND ITS APPLICATIONS	2020	10.33832/ijisia.2020.14.2.02	Emerging Sources Citation Index (ESCI)	WOS Proof
278	Gayatri, M; Reddy, KJ; Babu, MJ	Slip flow of Carreau fluid over a slendering stretching sheet with viscous dissipation and Joule heating	SN APPLIED SCIENCES	2020	10.1007/s42452-020-2262-x	Emerging Sources Citation Index (ESCI)	WOS Proof
279	Nanda, I; Sahithi, C; Swath, M; Maloji, S; Shukla, VK	IIOT Based SMART CROP PROTECTION AND IRRIGATION SYSTEM	2020 SEVENTH INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY TRENDS (ITT 2020)	2020	10.1109/ITT51279.2020.9320783	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
280	Ghulanavar, R; Dama, KK; Jagadeesh, A	Diagnosis of faulty gears by modified AlexNet and improved grasshopper optimization algorithm (IGOA)	JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY	2020	10.1007/s12206-020-0909-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
281	Sridhar, KM; Sridhar, M; Raghunath, S; Ratnam, DV	Ionospheric anomaly detection and Indian ionospheric climatology from GAGAN receivers	ACTA GEODAEICA ET GEOPHYSICA	2020	10.1007/s40328-020-00290-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
282	Haritha, D; Praneeth, C; Pranathi, MK	Covid Prediction from X-ray Images	PROCEEDINGS OF THE 2020 5TH INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND SECURITY (ICCCS-2020)	2020	10.1109/icccs49678.2020.9276795	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof

283	Sandeep, DR; Prabakaran, N; Boddapati, TPM; Narayana, KL	Circularly Polarized Jute Textile Antenna for Wi-MAX, WLAN and ISM Band Sensing Applications	APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY JOURNAL	2020	10.47037/2020.ACES.J.351206	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
284	Amarendra, C; Reddy, KH	Performance analysis intelligent-based advanced PSO algorithm and testing of real-time matrix converter electrical system	SOFT COMPUTING	2020	10.1007/s00500-020-04789-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
285	Murali, G; Nagendra, B; Jaya, J	CFD analysis on heat transfer and pressure drop characteristics of turbulent flow in a tube fitted with trapezoidal-cut twisted tape insert using Fe3O4 nano fluid	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2019.05.451	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
286	Shaik, AA; Reddy, SR; Raju, VD; Govindarajan, M	Combined influence of compression ratio and EGR on diverse characteristics of a research diesel engine fueled with waste mango seed biodiesel blend	ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS	2020	10.1080/15567036.2020.1811809	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
287	Pallavi, L; Rao, BT; Jagan, A	Mobility Management Challenges and Solutions in Mobile Cloud Computing System for Next Generation Networks	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
288	Bernard, SS; Srinivasan, T; Suresh, G; Paul, AI; Fowzan, KM; Kishore, VA	Production of biogas from anaerobic digestion of vegetable waste and cow dung	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.07.129	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
289	Joice, BH; Aravindan, A; Brahmalla, S	Review on Behavior of Hybrid Fiber-Reinforced Concrete	ADVANCES IN LIGHTWEIGHT MATERIALS AND STRUCTURES, ACALMS 2020	2020	10.1007/978-981-15-7827-4_11	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
290	Chilamkuri, K; Kone, V	Monitoring of varadhi road bridge using accelerometer sensor	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.04.159	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
291	Sruthi, MD; Aravindan, A	Performance measurement of schedule and cost analysis by using earned value management for a residential building	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.05.210	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
292	Bitra, HCR; Rao, AV; Babu, KS; Rao, GN	Synthesis and enhanced dielectric properties of copper oxidenanoparticles	MATERIALS CHEMISTRY AND PHYSICS	2020	10.1016/j.matchemphys.2020.123379	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
293	Aruna, V; Yusub, S; Venkateswarlu, M; Babu, AR; Anitha, K	Efficacy of copper ions on lithium ion conductivity, electron hopping, optical band gap, metallization criterion and morphology of Li2O-B2O3-P2O5 glasses	JOURNAL OF NON-CRYSTALLINE SOLIDS	2020	10.1016/j.jnoncrysol.2020.120015	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
294	Balineni, H; Jagarapu, DCK; Eluru, A	Analysis of dry and wet connections in precast beam-column joint using ABAQUS software	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.04.073	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
295	Madhav, BTP; Nadh, BP; Anilkumar, T; Pardhasaradhi, P; Rao, MC; Lakshman, P	Frequency Reconfigurable Split Ring Antenna for LTE And WiMAX Applications	INTERNATIONAL JOURNAL OF ELECTRONICS AND TELECOMMUNICATIONS	2020	10.24425/ijet.2019.131871	Emerging Sources Citation Index (ESCI)	WOS Proof
296	Rajesh, C; Sameer, GN; Reddy, MSM; Jagarapu, DCK; Jogi, PK	Consumption of palm oil fuel ash in producing lightweight concrete	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.07.096	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
297	Vemuri, PK; Anjum, SM; Medida, LS; Sai, PVH; Gummavajjala, M; Panigrahi, BK; Dash, S; Senapati, S	Studies on Physiological Effects and Plasmid Stability of JM109 Host System	JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL	2020	10.9734/JPRI/2020/v32i2830876	Emerging Sources Citation Index (ESCI)	WOS Proof
298	Biftu, WK; Mekala, S; Ravindhranath, K	De-fluoridation of Polluted Water Using Aluminium Alginate Beads Doped with Green Synthesized 'Nano SiO2+Nano CeO2-ZrO2', as an Effective Adsorbent	CHEMISTRYSELECT	2020	10.1002/slct.202003744	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

299	Jeeva, MPA; Nagarajan, T; Vijayalakshmi, P	Adaptive multi-band filter structure-based far-end speech enhancement	IET SIGNAL PROCESSING	2020	10.1049/iet-spr.2019.0226	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
300	Kumar, G; Saini, H	An ECC with Probable Secure and Efficient Approach on Noncommutative Cryptography	DATA COMMUNICATION AND NETWORKS, GUCON 2019	2020	10.1007/978-981-15-0132-6_1	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
301	Kumari, PLS; Sekhar, GS	Key Exchange and E-Mail Authentication Using Lagrange Interpolation	DATA ENGINEERING AND COMMUNICATION TECHNOLOGY, ICDECT-2K19	2020	10.1007/978-981-15-1097-7_22	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
302	Naren, J; Ramalingam, P; Rajeswari, UR; Vijayalakshmi, P; Vithya, G	An Intelligent System on Computer-Aided Diagnosis for Parkinson's Disease with MRI Using Machine Learning	BIOLOGICALLY INSPIRED TECHNIQUES IN MANY-CRITERIA DECISION MAKING	2020	10.1007/978-3-030-39033-4_16	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
303	Mostafapour, FK; Balarak, D; Chandrika, K	Degradation Of Amoxicillin In Aqueous Solution By Nano-MgO/UV Photocatalytic Process	INTERNATIONAL JOURNAL OF LIFE SCIENCE AND PHARMA RESEARCH	2020	10.22376/ijpbs/lpr.2020.10.3.P60-66	Emerging Sources Citation Index (ESCI)	WOS Proof
304	Harini, B; Lingeshwaran, N; Perumal, K; Aravinthan, K	Sustainable design of cold formed steel	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.06.406	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
305	Khan, PR; Charan, PHK; Rao, MB	FeCl3 catalyzed prins cylization for the synthesis of angularly fused polycyclic scaffolds	SYNTHETIC COMMUNICATIONS	2020	10.1080/00397911.2019.1700523	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC); Current Chemical Reactions (CCR-EXPANDED)	WOS Proof
306	Khed, VC; Mohammed, BS; Liew, MS; Zawawi, NAWA	Development of response surface models for self-compacting hybrid fibre reinforced rubberized cementitious composite	CONSTRUCTION AND BUILDING MATERIALS	2020	10.1016/j.conbuildmat.2019.117191	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
307	Kuppala, K; Banda, S; Barige, TR	An overview of deep learning methods for image registration with focus on feature-based approaches	INTERNATIONAL JOURNAL OF IMAGE AND DATA FUSION	2020	10.1080/19479832.2019.1707720	Emerging Sources Citation Index (ESCI)	WOS Proof
308	Shanmugan, S; Deepak, V; Nagaraj, J; Jangir, D; Jegan, SV; Palani, S	Enhancing the use of coal-fly ash in coarse aggregates concrete	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.05.734	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
309	Dabbakuti, JRKK; Jacob, A; Veeravalli, VR; Kallakunta, RK	Implementation of IoT analytics ionospheric forecasting system based on machine learning and ThingSpeak	IET RADAR SONAR AND NAVIGATION	2020	10.1049/iet-rsn.2019.0394	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
310	Kanamarlapudi, L; Jagarapu, DCK; Eluru, A	Punching shear resistance of supplementary cementitious concrete slab	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.03.193	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
311	Lingeshwaran, N; Poluraju, P	EXPERIMENTAL STUDY ON SEISMIC PERFORMANCE OF BED JOINT REINFORCED SOLID BRICK MASONRY WALLS	JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY	2020		Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
312	Reddy, HKRV; Anna, VR	L-proline/urea catalyzed, novel, and eco-friendly synthesis of coumarin substituted-3-indoloxanthenes	JOURNAL OF HETEROCYCLIC CHEMISTRY	2020	10.1002/jhet.4108	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC)	WOS Proof
313	Kumar, BA; Jagarlapudi, VSK	Cu(I)-Catalysis of One-Pot Synthesis of Some Novel Regioselective Isoxazole-Benzimidazole Hybrids and Their In Vitro Anti-Cancer Evaluation (vol 53, pg 932, 2020)	RUSSIAN JOURNAL OF GENERAL CHEMISTRY	2020	10.1134/S107036322005031X	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
314	Balarak, D; Zafariyan, M; Chandrika, K	ADSORPTION OF CIPROFLOXACIN FROM AQUEOUS SOLUTION ONTO FE3O4/GRAPHENE OXIDE NANOCOMPOSITE	INTERNATIONAL JOURNAL OF PHARMACEUTICAL SCIENCES AND RESEARCH	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
315	Rajesh, P; Alam, M; Tahernezhad, M; Kumar, TR; Rajesh, VP	Secure Communication across the Internet by Encrypting the Data using Cryptography and Image Steganography	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
316	Nanduri, AK; Kotamraju, SK; Sravanthi, GL; Babu, SR; Kumar, KVKVLP	IoT based Automatic Damaged Street Light Fault Detection Management System	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof

317	Kanamarlapudi, L; Jagarapu, DCK; Eluru, A	Experimental analysis of supplementary cementitious materials with glass fibers	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.01.471	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
318	Tummala, PK; Vemuru, S; Setti, R; Lanke, KV; Myneni, SV; Gummavajjala, M; Naredla, K; Medida, LS	Model Building for Internet of Things Based System for Monitoring Healthcare	INTERNATIONAL JOURNAL OF LIFE SCIENCE AND PHARMA RESEARCH	2020	10.22376/ijpbs/ijlpr.2020.10.5.145-149	Emerging Sources Citation Index (ESCI)	WOS Proof
319	Sadakale, R; Ramesh, NVK; Patil, R	TAD-HOC Routing Protocol for Efficient VANET and Infrastructure-Oriented Communication Network	JOURNAL OF ENGINEERING	2020	10.1155/2020/8505280	Emerging Sources Citation Index (ESCI)	WOS Proof
320	Sai, BPVN; Agarapu, DCK; Eluru, A	Assay of moment resisting precast and monolithic frames using ABAQUS software	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.03.735	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
321	Sekhar, PNRLC; Shankar, TN	Object based Image Splicing Localization using Block Artificial Grids	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
322	Balarak, D; Baniasadi, M; Bazzi, M; Chandrika, K	Adsorption Equilibrium and Thermodynamic Studies of Ciprofloxacin from Aqueous Solutions by Magnetic Bentonite Nanocomposites	INTERNATIONAL JOURNAL OF PHARMACEUTICAL INVESTIGATION	2020	10.5330/ijpi.2020.3.60	Emerging Sources Citation Index (ESCI)	WOS Proof
323	Prasad, JS; Poluraju, P	Experimental investigation on M50 grade concrete beams with influence of aggregate interlocking and dowel action under flexural loading	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.07.392	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
324	Chanda, C; Maganti, M; Chunduru, M; Veeramachaneni, PG; Srikonda, P; Anjum, SM; Dondapati, K; Manne, AA	Monitoring Cellular Immune Responses in Cancer Therapy	INTERNATIONAL JOURNAL OF LIFE SCIENCE AND PHARMA RESEARCH	2020	10.22376/ijpbs/lpr.2020.10.5.121-126	Emerging Sources Citation Index (ESCI)	WOS Proof
325	Ravindran, RSE; Subha, V; Ilangoan, R	Silver nanoparticles blended PEG/PVA nanocomposites synthesis and characterization for food packaging	ARABIAN JOURNAL OF CHEMISTRY	2020	10.1016/j.arabjc.2020.05.005	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
326	Rao, MS; Rao, BP; Rao, CPK; Rao, TB	SYNTHESIS, CHARACTERIZATION AND ANTIBACTERIAL SCREENING OF SOME NOVEL IMIDAZOL ASSOCIATED 1,2,4-TRIAZOLO LINKED 1,3,4-THIADIAZINE	HETEROCYCLIC LETTERS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
327	Ghuge, CA; Prakash, VC; Ruikar, SD	Weighed query-specific distance and hybrid NARX neural network for video object retrieval	COMPUTER JOURNAL	2020	10.1093/comjnl/bxz113	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
328	Nagarjun, PMD; Ahamad, SS	Ensemble Methods to Detect XSS Attacks	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
329	Gandhi, SG; Govardhani, I; Kotamraju, SK; Kavya, KCS; Prathyusha, D; Rao, KS; Sravani, KG	Improve the Performance of a Novel Capacitive Shunt RF MEMS Switch by Beam and Dielectric Materials	TRANSACTIONS ON ELECTRICAL AND ELECTRONIC MATERIALS	2020	10.1007/s42341-019-00155-1	Emerging Sources Citation Index (ESCI)	WOS Proof
330	Bhavana, D; Kumar, KK; Kaushik, N; Lokesh, G; Harish, P; Mounisha, E; Tej, DR	Computer vision based classroom attendance management system-with speech output using LBPH algorithm	INTERNATIONAL JOURNAL OF SPEECH TECHNOLOGY	2020	10.1007/s10772-020-09739-2	Emerging Sources Citation Index (ESCI)	WOS Proof
331	Tilak, GBG; Kotamraju, SK; Madhav, BTP; Kavya, KCS; Rao, MV	DUAL SENSED HIGH GAIN HEART SHAPED MONOPOLE ANTENNA WITH PLANAR ARTIFICIAL MAGNETIC CONDUCTOR	JOURNAL OF ENGINEERING SCIENCE AND TECHNOLOGY	2020		Emerging Sources Citation Index (ESCI)	WOS Proof

332	Varadarajan, S; Saminathan, P; Kumar, MS; Shanmugan, S; Chithambaram, V; Gandhimathi, V	Growth and investigation on novel single crystal of β -cyclodextrin 2, 4-dinitrophenylhydrazine for optical sensors applications	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.04.113	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
333	Samudrala, V; Pamula, VK	Design and Development of 3D Printed MIMO RDRA with Two Directional Pattern Diversity for LTE Applications	FREQUENZ	2020	10.1515/freq-2019-0138	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
334	Pathuri, SK; Anbazhagan, N; Prakash, GB	Feature Based Sentimental Analysis for Prediction of Mobile Reviews Using Hybrid Bag-Boost algorithm	2020 7TH IEEE INTERNATIONAL CONFERENCE ON SMART STRUCTURES AND SYSTEMS (ICSSS 2020)	2020	10.1109/icsss49621.2020.9201990	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
335	Suneetha, C; Rao, SS; Ramesh, KS	Ideal frequency rendezvousing for multiuser communication (IFRMC) over cognitive radio network	INTERNATIONAL JOURNAL OF SPEECH TECHNOLOGY	2020	10.1007/s10772-020-09741-8	Emerging Sources Citation Index (ESCI)	WOS Proof
336	Vallri, KK; Nagaraju, PVVS; Viswanath, IVK; Singh, RV	Novel N-Alkyl-4-(6-fluoro-1H-indol-3-yl)benzamide Derivatives as Anticancer Agents: Design, Synthesis, Biological Evaluation, and Molecular Docking Study	RUSSIAN JOURNAL OF ORGANIC CHEMISTRY	2020	10.1134/S1070428020030252	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC)	WOS Proof
337	Attri, SH; Prasad, TV; Ramakrishna, G	HiPHET: HYBRID APPROACH FOR TRANSLATING CODE-MIXED LANGUAGE (HINGLISH) TO PURE LANGUAGES (HINDI AND ENGLISH)	COMPUTER SCIENCE-AGH	2020	10.7494/csci.2020.21.3.3624	Emerging Sources Citation Index (ESCI)	WOS Proof
338	Saravanan, N; Palani, G; Shanmugan, S; Chithambaram, V	Investigation of third-order nonlinear optical semi organic potassium bromide malate single crystals for optoelectronic applications	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.04.887	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
339	Arasavelli, SS; Konijeti, R; Budda, GR	Effect of vibrator position and frequency on heat transfer enhancement in counter flow concentric pipe heat exchanger	WORLD JOURNAL OF ENGINEERING	2020	10.1108/WJE-01-2020-0032	Emerging Sources Citation Index (ESCI)	WOS Proof
340	Jyothi, PN; Lakshmi, DR; Rao, KVSNR	A Comprehensive View for Providing the Decision on Medicare Data	INTELLIGENT MANUFACTURING AND ENERGY SUSTAINABILITY, ICIMES 2019	2020	10.1007/978-981-15-1616-0_75	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
341	Manikandan, K; Shanmugan, S; Ashishkumar, R; Harish, VV; Rani, TJ; Nishanthi, T	Trans membranous fetal movement and pressure sensing	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.04.497	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
342	Palanikumar, G; Shanmugan, S; Chithambaram, V; Selvaraju, P	Synthesis, characterization of Ta2O5 nanoparticles with doping SnO2- Ag on solar absorber material and designs analysis of energy production for solar cooker	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.05.740	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
343	Umanath, K; Prabhu, MK; Yuvaraj, A; Devika, D	Fabrication and analysis of Master leaf spring plate using carbon fibre and pineapple leaf fibre as natural composite materials	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.03.790	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
344	Harsha, PBS; Ratnam, DV; Nagasri, ML; Sridhar, M; Raju, KP	Kriging-based ionospheric TEC, ROTI and amplitude scintillation index (S4) maps for India	IET RADAR SONAR AND NAVIGATION	2020	10.1049/iet-rsn.2020.0202	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
345	Reddy, MM; Reddy, KR; Asadi, SS	QUANTIFICATION OF LIQUEFACTION TRIGGERING SUSCEPTIBILITY: USING GEOLOGICAL, GEOMORPHOLOGICAL AND GEOTECHNICAL CHARACTERISTICS	INTERNATIONAL JOURNAL OF GEOMATE	2020	10.21660/2020.69.18847	Emerging Sources Citation Index (ESCI)	WOS Proof
346	Nagarjuna, A; Babu, S; Gowrisankar, M	Thermo-physical and spectroscopic studies of liquid mixtures containing p-methoxy benzoic acid	INTERNATIONAL JOURNAL OF AMBIENT ENERGY	2020	10.1080/01430750.2020.1725628	Emerging Sources Citation Index (ESCI)	WOS Proof
347	Rao, PV; Kumar, BSC; Ramesh, K	Influence of carbon steel fibers on the flexural crack width of RC beam	3RD INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING (ICAME 2020), PTS 1-6	2020	10.1088/1757-899X/912/6/062041	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof

348	Reddy, AVN; Krishna, CP; Mallick, PK	An image classification framework exploring the capabilities of extreme learning machines and artificial bee colony	NEURAL COMPUTING & APPLICATIONS	2020	10.1007/s00521-019-04385-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
349	Suman, P; Kumar, BSC; Ramesh, K	Strengthening of RC Beams with M-Sand using external bonding of steel plates	3RD INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING (ICAME 2020), PTS 1-6	2020	10.1088/1757-899X/912/6/062035	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
350	Pinnamaneni, R; Yadav, DK; Gandham, P; Kamma, S	In Silico Analysis of HPV E6 as Drug Target with Natural Antioxidants	INTERNATIONAL JOURNAL OF LIFE SCIENCE AND PHARMA RESEARCH	2020	10.22376/ijpbs/lpr.2020.10.5.L57-64	Emerging Sources Citation Index (ESCI)	WOS Proof
351	Balarak, D; Khatibi, AD; Chandrika, K	Antibiotics Removal from Aqueous Solution and Pharmaceutical Wastewater by Adsorption Process: A Review	INTERNATIONAL JOURNAL OF PHARMACEUTICAL INVESTIGATION	2020	10.5530/ijpi.2020.2.19	Emerging Sources Citation Index (ESCI)	WOS Proof
352	Malipatil, S; Maheshwari, V; Chandra, MB	Area Optimization of CMOS Full Adder Design Using 3T XOR	2020 INTERNATIONAL CONFERENCE ON WIRELESS COMMUNICATIONS SIGNAL PROCESSING AND NETWORKING (WISPNET)	2020	10.1109/wispnet48689.2020.9198627	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
353	Rajesh, P; Bharadwaj; Alam, M; Tahernezehadi, M	A Data Science Approach to Football Team Player Selection	2020 IEEE INTERNATIONAL CONFERENCE ON ELECTRO INFORMATION TECHNOLOGY (EIT)	2020	10.1109/eit48999.2020.9208331	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
354	Nagarjun, PMD; Ahamad, SS	Cross-site Scripting Research: A Review	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
355	Ganeshan, R; Rodrigues, P	Crow-AFL: Crow Based Adaptive Fractional Lion Optimization Approach for the Intrusion Detection	WIRELESS PERSONAL COMMUNICATIONS	2020	10.1007/s11277-019-06972-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
356	Perumal, K; Kumar, A; Lingeshwaran, N; Susmitha, S	Experimental studies on flexural behaviour of self compact concrete beam	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.03.319	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
357	Gandikota, NM; Mendu, N; Kasiviswanath, IV; Bolla, RS; Brahman, PK	Microwave-assisted rapid synthesis of arylazoxy sulfides	JOURNAL OF CHEMICAL SCIENCES	2020	10.1007/s12039-020-01782-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
358	Goud, BS; Rao, BL; Reddy, CR	Essentials for Grid Integration of Hybrid Renewable Energy Systems: A Brief Review	INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
359	Kanamarlapudi, L; Jonalagadda, KB; Jagarapu, DCK; Eluru, A	Different mineral admixtures in concrete: a review	SN APPLIED SCIENCES	2020	10.1007/s42452-020-2533-6	Emerging Sources Citation Index (ESCI)	WOS Proof
360	Kumar, VK; Puli, VS; Babu, AV; Ruddaraju, RR; Prasad, KRS	Synthesis, anticancer evaluation, and molecular docking studies of benzoxazole linked combretastatin analogues	MEDICINAL CHEMISTRY RESEARCH	2020	10.1007/s00044-020-02504-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
361	Nigam, P; Agarwal, R; Muduli, A; Sharma, S; Pal, A	Substrate integrated waveguide based cavity-backed self-triplexing slot antenna for X-Ku band applications	INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING	2020	10.1002/mmce.22172	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
362	Rekha, G; Tyagi, AK; Anuradha, N	Integration of Fog Computing and Internet of Things: An Useful Overview	PROCEEDINGS OF RECENT INNOVATIONS IN COMPUTING, ICRIC 2019	2020	10.1007/978-3-030-29407-6_8	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
363	Srikanth, B; Kumar, MS; Ravindra, JVR; Kishore, KH	The enhancement of security measures in advanced encryption standard using double precision floating point multiplication model	TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES	2020	10.1002/ett.3948	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
364	Basha, SKS; Rao, MC	Spectroscopic and electrochemical properties of PVP based polymer electrolyte films (vol 75, pg 3641, 2018)	POLYMER BULLETIN	2020	10.1007/s00289-019-02838-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
365	Jonalagadda, KB; Jagarapu, DCK; Eluru, A	Experimental analysis on supplementary cementitious materials with Alkali Resistant glass fibers	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.03.209	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof

366	Nishanth, CL; Swaroop, YS; Jagarapu, DCK; Jogi, PK	Analysis and design of commercial building with different slab arrangements using ETABS	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.05.823	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
367	Surapureddi, SRK; Ravindhranath, K; Kumar, GSS; Chiliveri, P; Sappidi, SR	High resolution and high throughput analytical methods for D-tagatose and process related impurities using capillary electrophoresis	ANALYTICAL BIOCHEMISTRY	2020	10.1016/j.ab.2020.113981	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
368	Ahammad, SH; Rajesh, V; Rahman, MZU; Lay-Ekuakille, A	A Hybrid CNN-Based Segmentation and Boosting Classifier for Real Time Sensor Spinal Cord Injury Data	IEEE SENSORS JOURNAL	2020	10.1109/JSEN.2020.2992879	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
369	Parvez, MM; Shanmugam, J; Ghali, VS	Decision tree-based subsurface analysis using Barker coded thermal wave imaging	INFRARED PHYSICS & TECHNOLOGY	2020	10.1016/j.infrared.2020.103380	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
370	Pathak, MK; Srinivasu, N; Bairagi, V	SUPPORT VALUE BASED FUSION MATCHING USING IRIS AND SCLERA FEATURES FOR PERSON AUTHENTICATION IN UNCONSTRAINED ENVIRONMENT	JOURNAL OF ENGINEERING SCIENCE AND TECHNOLOGY	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
371	Lingeswaran, N; Poluraju, P	Analytical study on seismic performance of bed joint reinforced solid brick masonry walls	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.03.528	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
372	Rekha, VSD; Pardhasaradhi, P; Madhav, BTP; Devi, YU	Dual Band Notched Orthogonal 4-Element MIMO Antenna With Isolation for UWB Applications	IEEE ACCESS	2020	10.1109/ACCESS.2020.3015020	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
373	Sivasri, J; Pardhasaradhi, P; Madhav, BTP; Tejaswi, M; Manepalli, RKNR	Birefringence studies on alkoxy benzoic acids with dispersed Fe3O4 nanoparticles	LIQUID CRYSTALS	2020	10.1080/02678292.2019.1647571	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
374	Balarak, D; Baniasadi, M; Chandrika, K	Investigating the Efficiency of Zirconium Oxide Nanoparticles in Removal of Ciprofoxacin from Aqueous Environments	INTERNATIONAL JOURNAL OF LIFE SCIENCE AND PHARMA RESEARCH	2020	10.22376/ijpbs/lpr.2020.10.1.P17-22	Emerging Sources Citation Index (ESCI)	WOS Proof
375	Rekha, G; Tyagi, AK	Necessary Information to Know to Solve Class Imbalance Problem: From a User's Perspective	PROCEEDINGS OF RECENT INNOVATIONS IN COMPUTING, ICRIC 2019	2020	10.1007/978-3-030-29407-6_46	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
376	Amiripalli, SS; Bobba, V	An Optimal Graph based ZigBee Mesh for Smart Homes	JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH	2020		Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
377	Kishore, PVV; Perera, DG; Kumar, MTAK; Kumar, DA; Kumar, EK	A Quad Joint Relational Feature for 3D Skeletal Action Recognition with Circular CNNs	2020 IEEE INTERNATIONAL SYMPOSIUM ON CIRCUITS AND SYSTEMS (ISCAS)	2020	10.1109/iscas45731.2020.9180732	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
378	Srikanth, B; Gowrisankar, M; Babu, S; Ramachandran, D	Studies on Associated Solutions: Thermodynamic Parameters of Binary Liquid Mixtures of Propiophenone and o-Substituted Anilines	RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A	2020	10.1134/S0036024420120274	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
379	Bhattad, A; Sarkar, J	Hydrothermal performance of plate heat exchanger with an alumina-graphene hybrid nanofluid: experimental study	JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING	2020	10.1007/s40430-020-02459-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
380	Rajesh, P; Babitha, D; Alam, M; Tahernezehadi, M; Monika, A	Machine Learning and Statistical Analysis Techniques on Terrorism	FUZZY SYSTEMS AND DATA MINING VI	2020	10.3233/FAIA200701	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
381	Sravani, KG; Guha, K; Rao, KS	Analysis of a novel RF MEMS switch using different meander techniques	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2020	10.1007/s00542-019-04703-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
382	Srilekha, G; Pardhasaradhi, P; Madhav, BTP; Manepalli, RKNR; Rao, MC	Design and analysis of 6CB nematic liquid crystal-based rectangular patch antenna for S-band and C-band applications	ZEITSCHRIFT FUR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES	2020	10.1515/zna-2020-0144	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

383	Mutyala, S; Suresh, C; Mathiyarasu, J	Ordered mesoporous carbon provoked dimensionally varied molybdenum dichalcogenide: A striking sensing matrix for electrochemical detection of hydrazine	SN APPLIED SCIENCES	2020	10.1007/s42452-020-3029-0	Emerging Sources Citation Index (ESCI)	WOS Proof
384	Rao, KS; Chandrasekharam, K; Sri, SBS; Suma, S; Hamza, M; Sravani, KG	Design and performance Analysis of PDMS Based Micropump	TRANSACTIONS ON ELECTRICAL AND ELECTRONIC MATERIALS	2020	10.1007/s42341-020-00200-4	Emerging Sources Citation Index (ESCI)	WOS Proof
385	Dido, AA; Degefu, DT; Singh, BJK; Tesfaye, K; Krishna, MSR	MULTIVARIATE ANALYSIS OF QUANTITATIVE CHARACTERS VARIABILITY IN ETHIOPIAN BARLEY (Hordeum vulgare L.) LANDRACE: BASED ON REGIONS AND ALTITUDE	GENETIKA-BELGRADE	2020	10.2298/GENSR2002597D	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
386	Pochont, NR; Mohammad, MN; Pradeep, BT; Kumar, PV	A comparative study of drying kinetics and quality of Indian red chilli in solar hybrid greenhouse drying and open sun drying	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2019.05.433	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
387	Vardhan, AV; Harsha, PBS; Ratnam, DV; Upadhayaya, AK	Low latitude ionospheric response to March 2015 geomagnetic storm using multi-instrument TEC observations over India	ASTROPHYSICS AND SPACE SCIENCE	2020	10.1007/s10509-020-03900-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
388	Panda, SK; Reddybattula, KD; Haralambous, H; Sharma, SK	Assessment of ionospheric variability from IRI-2016, SPIM-2017, and IGS-GIM using Digisonde and GPS observations over Cyprus	ASTROPHYSICS AND SPACE SCIENCE	2020	10.1007/s10509-020-03752-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
389	Chary, SB; Reddy, KJ; Kashaiah, K	INFLUENCE OF THERMAL DIFFUSION ON MHD RADIATING FLOW IN PRESENCE OF Cu-NANOPARTICLES, CASSON FLUID AND ANGLE OF INCLINATION	JOURNAL OF APPLIED MATHEMATICS AND COMPUTATIONAL MECHANICS	2020	10.17512/jamcm.2020.2.04	Emerging Sources Citation Index (ESCI)	WOS Proof
390	Sarath, CVK; Kumar, KA; Lingeshwaran, N; VigneshKannan, S; Pratheba, S	Study on analysis and design of a multi-storey building with a single column using STAAD. Pro	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.06.073	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
391	Mannam, MR; Srimurugan, S; Kumar, P; Chamarthi, NR; Prasad, KRS	Synthesis of novel 3-[(2R*)-2-[(2S*)-6-fluoro-3,4-dihydro-2H-chromen-2-yl]-2-hydroxyethyl]-urea/thiourea derivatives and evaluation of their antimicrobial activities	PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS	2020	10.1080/10426507.2019.1635596	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC)	WOS Proof
392	Rao, KS; Vasantha, K; Kumar, PA; Guha, K; Sravani, KG	Design and of analysis of SPDT Ohmic RF MEMS switch	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2020	10.1007/s00542-020-04778-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
393	Tripathi, DP; Pardhasaradhi, P; Madhav, BTP; Manepalli, RKNR; Jena, UR	Estimation of higher order statistical parameters for image enhancement on pure and nano-dispersed dodecyloxyBenzoic acid	LIQUID CRYSTALS	2020	10.1080/02678292.2019.1710779	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
394	Rao, KS; Sateesh, J; Guha, K; Baishnab, KL; Ashok, P; Sravani, KG	Design and analysis of MEMS based piezoelectric micro pump integrated with micro needle	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2020	10.1007/s00542-018-3807-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
395	Rao, KS; Samyuktha, W; Vardhan, DV; Naidu, BG; Kumar, PA; Sravani, KG; Guha, K	Design and sensitivity analysis of capacitive MEMS pressure sensor for blood pressure measurement	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2020	10.1007/s00542-020-04777-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

396	Gulipalli, KC; Ravula, P; Bodige, S; Endoori, S; Cherukumalli, PKR; Chandra, JNNS; Seelam, N	Synthesis and Anticancer Activity of Novel Urea and Thiourea Bearing Thiophene-2-carboxalate Derivatives	RUSSIAN JOURNAL OF GENERAL CHEMISTRY	2020	10.1134/S1070363220070221	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC)	WOS Proof
397	Valavala, S; Seelam, N; Tondepu, S; Sundaramurthy, V	Cleaning Method Validation for Estimation of Dipyrindamole Residue on the Surface of Drug Product Manufacturing Equipment Using Swab Sampling and by High Performance Liquid Chromatographic Technique	TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES	2020	10.4274/tjps.galenos.2019.70446	Emerging Sources Citation Index (ESCI)	WOS Proof
398	Prasad, BP; Maanvit, PS; Jagarapu, DCK; Eluru, A	Flexural behavior of fiber reinforced concrete incorporation with lathe steel scrap	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.03.793	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
399	Rani, BR; Thaakur, S; Rao, GSNK; Umasankar, K; Reddy, AR; Sankar, GGU	BIOANALYTICAL ESTIMATION OF GLICLAZIDE IN RABBIT PLASMA BY RP-HPLC: METHOD DEVELOPMENT AND VALIDATION	INTERNATIONAL JOURNAL OF LIFE SCIENCE AND PHARMA RESEARCH	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
400	Lakshmi, AV; Ghali, VS; Subhani, S; Baloji, NR	Automated quantitative subsurface evaluation of fiber reinforced polymers	INFRARED PHYSICS & TECHNOLOGY	2020	10.1016/j.infrared.2020.103456	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
401	Baldev, S; Anumandla, KK; Peesapati, R	Scalable Wavefront Parallel Streaming Deblocking Filter Hardware for HEVC Decoder	IEEE TRANSACTIONS ON CONSUMER ELECTRONICS	2020	10.1109/TCE.2019.2960565	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
402	Balarak, D; Bazzi, M; Shehu, Z; Chandrika, K	Application of Surfactant-modified Bentonite for Methylene Blue Adsorption from Aqueous Solution	ORIENTAL JOURNAL OF CHEMISTRY	2020	10.13005/ojc/360212	Emerging Sources Citation Index (ESCI)	WOS Proof
403	Rao, KS; Sailaja, BVS; Kumar, A; Vineetha, K; Guha, K; Baishanab, KL; Sravani, KG	Analysis of uniform structured RF MEMS switch with different uniform and non-uniform meandering techniques	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2020	10.1007/s00542-018-3866-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
404	Angara, J; Prasad, S; Sridevi, G	DevOps Project Management Tools for Sprint Planning, Estimation and Execution Maturity	CYBERNETICS AND INFORMATION TECHNOLOGIES	2020	10.2478/cait-2020-0018	Emerging Sources Citation Index (ESCI)	WOS Proof
405	Kurakula, M; Rao, GSNK	Pharmaceutical assessment of polyvinylpyrrolidone (PVP): As excipient from conventional to controlled delivery systems with a spotlight on COVID-19 inhibition	JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY	2020	10.1016/j.jddst.2020.102046	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
406	Kurada, P; Maruvada, S; Sanagapallea, KR	Speech Bandwidth Extension Using DWT-FFT-Based Data Hiding	RADIOENGINEERING	2020	10.13164/re.2020.0174	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
407	Prahathish, K; Naren, J; Vithya, G; Akhil, S; Kumar, KD; Gupta, SSKM	A Systematic Frame Work Using Machine Learning Approaches in Supply Chain Forecasting	BIOLOGICALLY INSPIRED TECHNIQUES IN MANY-CRITERIA DECISION MAKING	2020	10.1007/978-3-030-39033-4_15	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
408	Rasool, ST; Alavala, RR; Kulandaivelu, U; Sreeharsha, N	Non-Invasive Delivery of Nano-Emulsified Sesame Oil- Extract of Turmeric Attenuates Lung Inflammation	PHARMACEUTICS	2020	10.3390/pharmaceutics12121206	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
409	Bodige, S; Ravula, P; Gulipalli, KC; Endoori, S; Cherukumalli, PKR; Chandra, JNNS; Seelam, N	Design, Synthesis, Antitubercular and Antibacterial Activities of 1,3,5-Triazinyl Carboxamide Derivatives and In Silico Docking Studies	RUSSIAN JOURNAL OF GENERAL CHEMISTRY	2020	10.1134/S1070363220070208	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC)	WOS Proof
410	Amarendra, C; Reddy, KH	PSO Supported Dual Matrix Converter for Doubly fed Induction Generated Driven by Variable Speed Wind Turbine System	INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
411	Rajesh, KVD; Buddi, T; Kanth, PR; Satyanarayana, K	Microstructural and corrosion resistance study on plasma arc welded joints of AISI 304 and AISI 316	ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	2020	10.1080/2374068X.2020.1732158	Emerging Sources Citation Index (ESCI)	WOS Proof

412	Vadla, PK; Kolla, BP; Perumal, T	FLA-SLA Aware Cloud Collation Formation Using Fuzzy Preference Relationship Multi-Decision Approach for Federated Cloud	PERTANIKA JOURNAL OF SCIENCE AND TECHNOLOGY	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
413	Guha, K; Laskar, NM; Gogoi, HJ; Baishnab, KL; Rao, KS	A new analytical model for switching time of a perforated MEMS switch	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2020	10.1007/s00542-018-3803-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
414	Teku, SK; Sanagapallea, KR; Buy, SP	A two-stage processing approach for contrast intensified image fusion	WORLD JOURNAL OF ENGINEERING	2020	10.1108/WJE-07-2019-0190	Emerging Sources Citation Index (ESCI)	WOS Proof
415	Krishna, VM; Mahamuda, S; Rani, PR; Swapna, K; Venkateswarlu, M; Rao, AS	Effect of samarium ions concentration on physical, optical and photoluminescence properties of Oxy-Fluoro Boro Tellurite glasses	OPTICAL MATERIALS	2020	10.1016/j.optmat.2020.110368	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
416	Mallika, IL; Ratnam, DV; Raman, S; Sivavaraprasad, G	Machine learning algorithm to forecast ionospheric time delays using Global Navigation satellite system observations	ACTA ASTRONAUTICA	2020	10.1016/j.actaastro.2020.04.048	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
417	Ahmed, S; Ramesh, NVK; Reddy, BNK	A Highly Secured QoS Aware Routing Algorithm for Software Defined Vehicle Ad-Hoc Networks Using Optimal Trust Management Scheme	WIRELESS PERSONAL COMMUNICATIONS	2020	10.1007/s11277-020-07293-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
418	Victorbabu, BR; Prasanthi, V; Rajyalakshmi, K	An Empirical Study of Second Order Rotatable Designs under Tri-Diagonal Correlated Structure of Errors Using a Pair of Partially Balanced Incomplete Block Type Designs	THAILAND STATISTICIAN	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
419	Vijaya, N; Arifuzzaman, SM; Sai, NR; Rao, CM	ANALYSIS OF ARRHENIUS ACTIVATION ENERGY IN ELECTRICALLY CONDUCTING CASSON FLUID FLOW INDUCED DUE TO PERMEABLE ELONGATED SHEET WITH CHEMICAL REACTION AND VISCOUS DISSIPATION	FRONTIERS IN HEAT AND MASS TRANSFER	2020	10.5098/hmt.15.26	Emerging Sources Citation Index (ESCI)	WOS Proof
420	Chimaladenne, V; Manda, R; Gudipally, AR; Valluru, KR; Brahman, PK; Somarapu, VL	An efficient microwave accelerated three component reaction of phenacyl azides and pyridinium phenacyl salts: A facile greener approach to 2-amino-2-ene-1,4-diones/pyrrolidin-2-ones	SYNTHETIC COMMUNICATIONS	2020	10.1080/00397911.2020.1787447	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC); Current Chemical Reactions (CCR-EXPANDED)	WOS Proof
421	Kumari, TS; Rao, SK; Prabha, IS	ADAPTIVE WINDOW-BASED FRACTAL DIMENSION ESTIMATION FOR WEIGHT MAPS IN CONTRAST IMPROVED MULTI-SENSOR FUSION	JOURNAL OF ENGINEERING SCIENCE AND TECHNOLOGY	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
422	Sivakandhan, C; Balaji, R; Loganathan, GB; Madan, D; Murali, G	Investigation of mechanical behaviour on sponge/ridge gourd (Luffa aegyptiaca) natural fiber using epoxy and polyester resin	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2019.09.183	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
423	Runthala, A; Sai, TH; Kamjula, V; Phulara, SC; Rajput, VS; Sangapillai, K	Excavating the functionally crucial active-site residues of the DXS protein of Bacillus subtilis by exploring its closest homologues	JOURNAL OF GENETIC ENGINEERING AND BIOTECHNOLOGY	2020	10.1186/s43141-020-00087-x	Emerging Sources Citation Index (ESCI)	WOS Proof
424	Srilekha, G; Madhav, BTP; Sujatha, M; Pardhasaradhi, P; Manepalli, RKNR; Rao, MC	AR-ESIHE and ARS-ESIHE-based image enhancement methods on 9oba pure and nano dispersed liquid crystalline compound	MOLECULAR CRYSTALS AND LIQUID CRYSTALS	2020	10.1080/15421406.2020.1724459	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
425	Rekha, G; Reddy, VK; Tyagi, AK	A NOVEL APPROACH FOR SOLVING SKEWED CLASSIFICATION PROBLEM USING CLUSTER BASED ENSEMBLE METHOD	MATHEMATICAL FOUNDATIONS OF COMPUTING	2020	10.3934/mfc.2020001	Emerging Sources Citation Index (ESCI)	WOS Proof

426	Kurakula, M; Rao, GSNK	Moving polyvinyl pyrrolidone electrospun nanofibers and bioprinted scaffolds toward multidisciplinary biomedical applications	EUROPEAN POLYMER JOURNAL	2020	10.1016/j.eurpolymj.2020.109919	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
427	Dabbakuti, JRKK; Peesapati, R; Yarrakula, M; Anumandla, KK; Madduri, SV	Implementation of storm-time ionospheric forecasting algorithm using SSA-ANN model	IET RADAR SONAR AND NAVIGATION	2020	10.1049/iet-rsn.2019.0551	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
428	Rao, KS; Vasantha, K; Sravani, KG	Design and simulation of capacitive SPDT RF MEMS switch to improve its isolation	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2020	10.1007/s00542-020-04795-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
429	Mallika, IL; Ratnam, DV; Raman, S; Sivavaraprasad, G	Performance analysis of Neural Networks with IRI-2016 and IRI-2012 models over Indian low-latitude GPS stations	ASTROPHYSICS AND SPACE SCIENCE	2020	10.1007/s10509-020-03821-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
430	Varma, PLN; Babu, R; Rao, TN	Edge-to-vertex and edge-to-edge D-distances	ITALIAN JOURNAL OF PURE AND APPLIED MATHEMATICS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
431	Ahammad, SH; Rahman, MZU; Lay-Ekuakille, A; Giannoccaro, NI	An Efficient optimal threshold-based segmentation and classification model for multi-level spinal cord Injury detection	2020 IEEE INTERNATIONAL SYMPOSIUM ON MEDICAL MEASUREMENTS AND APPLICATIONS (MEMEA)	2020	10.1109/memea49120.2020.9137122	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
432	Kumar, PA; Rao, KS; Sravani, KG	Design and simulation of millimeter wave reconfigurable antenna using iterative meandered RF MEMS switch for 5G mobile communications	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2020	10.1007/s00542-019-04606-w	Science Citation Index Expanded (SCI-EXPANDED); Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
433	Balarak, D; Dashtizadeh, M; Oguike, RS; Chandrika, K	Survey Electrocoagulation Process in Removal of Norfloxacin Antibiotic from Aqueous Solutions	JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL	2020	10.9734/JPRI/2020/v32i330413	Emerging Sources Citation Index (ESCI)	WOS Proof
434	Dasore, A; Polavarapu, T; Konijeti, R; Puppala, N	CONVECTIVE HOT AIR DRYING KINETICS OF RED BEETROOT IN THIN LAYERS	FRONTIERS IN HEAT AND MASS TRANSFER	2020	10.5098/hmt.14.23	Emerging Sources Citation Index (ESCI)	WOS Proof
435	Naik, A; Satapathy, SC; Abraham, A	Modified Social Group Optimization-a meta-heuristic algorithm to solve short-term hydrothermal scheduling	APPLIED SOFT COMPUTING	2020	10.1016/j.asoc.2020.106524	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
436	Indrareddy, N; Venkateswarlu, K; Konijeti, R	Experimental investigation of algae biofuel-diesel blends on performance of a CRDI diesel engine	INTERNATIONAL JOURNAL OF AMBIENT ENERGY	2020	10.1080/01430750.2020.1725630	Emerging Sources Citation Index (ESCI)	WOS Proof
437	Bhattad, A	Exergy analysis of plate heat exchanger with graphene alumina hybrid nanofluid: experimentation	INTERNATIONAL JOURNAL OF EXERGY	2020	10.1504/IJEX.2020.110863	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
438	Yadav, A; Satyannarayana, P	Multi-objective genetic algorithm optimization of artificial neural network for estimating suspended sediment yield in Mahanadi River basin, India	INTERNATIONAL JOURNAL OF RIVER BASIN MANAGEMENT	2020	10.1080/15715124.2019.1705317	Emerging Sources Citation Index (ESCI)	WOS Proof
439	Sivakandhan, C; Murali, G; Tamiloli, N; Ravikumar, L	Studies on mechanical properties of sisal and jute fiber hybrid sandwich composite	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2019.06.374	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
440	Sravani, KG; Guha, K; Rao, KS	A modified proposed capacitance model for step structure capacitive RF MEMS switch by incorporating fringing field effects	INTERNATIONAL JOURNAL OF ELECTRONICS	2020	10.1080/00207217.2020.1756438	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
441	Kolhalkar, NR; Krishnan, VL	Mechatronics system for diagnosis and treatment of major diseases in grape vineyards based on image processing	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2019.05.407	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
442	Dhananjaya, G; Rao, AVD; Hossain, KA; Anna, VR; Pal, M	In silico studies and β -cyclodextrin mediated neutral synthesis of 4-oxo-4,5,6,7-tetrahydroindoles of potential biological interest	TETRAHEDRON LETTERS	2020	10.1016/j.tetlet.2020.151972	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC); Current Chemical Reactions (CCR-EXPANDED)	WOS Proof

443	Panda, SP; Panigrahy, UP; Prasanth, DSNBK; Gorla, US; Guntupalli, C; Panda, DP; Jena, BR	A trimethoxy flavonoid isolated from stem extract of Tabebuia chrysantha suppresses angiogenesis in angiosarcoma	JOURNAL OF PHARMACY AND PHARMACOLOGY	2020	10.1111/jphp.13272	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
444	Sravani, KG; Rao, KS; Prathyusha, D; Kiran, BVS; Kumar, BS; Kumar, RP; Tarun, KS	Design and performance analysis of double cantilever type capacitive shunt RF MEMS switch	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2020	10.1007/s00542-019-04505-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
445	Brahmalla, S; Syed, H; Joice, BH	Improvement of Compressibility, Shear Strength Characteristics of Soft Soil with Quarry Dust and Vitrified Polish Waste	ADVANCES IN LIGHTWEIGHT MATERIALS AND STRUCTURES, ACALMS 2020	2020	10.1007/978-981-15-7827-4_31	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
446	Rao, KS; Hamza, M; Kumar, PA; Sravani, KG	Design and optimization of MEMS based piezoelectric actuator for drug delivery systems	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2020	10.1007/s00542-019-04712-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
447	Kumar, MT; Madhav, BTP; Kumar, MS; Srikumar, T; Rao, MC	Backup Power System for Computing Application	3RD INTERNATIONAL CONFERENCE ON CONDENSED MATTER & APPLIED PHYSICS (ICC-2019)	2020	10.1063/5.0001616	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
448	Shanmugan, S; Saravanan, N; Chithambaram, V; Deepanraj, B; Palani, G	Investigation on single crystal by tartaric acid-barium chloride: growth and characterization of novel NLO materials	BULLETIN OF MATERIALS SCIENCE	2020	10.1007/s12034-020-02176-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
449	Dasari, SR; Tondepu, S; Vadali, LR; Seelam, N	PEG-400 mediated an efficient eco-friendly synthesis of new isoxazolyl pyrido[2,3-d]pyrimidines and their anti-inflammatory and analgesic activity	SYNTHETIC COMMUNICATIONS	2020	10.1080/00397911.2020.1787449	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC); Current Chemical Reactions (CCR-EXPANDED)	WOS Proof
450	Rao, KS; Vasantha, K; Sravani, KG	Design and performance analysis of hybrid SPDT RF MEMS switch	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2020	10.1007/s00542-020-04869-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
451	Rani, PR; Venkateswarlu, M; Swapna, K; Mahamuda, S; Prasad, MVVK; Rao, AS	Spectroscopic and luminescence properties of Ho ³⁺ ions doped Barium Lead Alumino Fluoro Borate glasses for green laser applications	SOLID STATE SCIENCES	2020	10.1016/j.solidstatesciences.2020.106175	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
452	Rao, AV; Rao, KS	Effect of Fly Ash on Strength of Concrete	CIRCULAR ECONOMY AND FLY ASH MANAGEMENT	2020	10.1007/978-981-15-0014-5_9	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
453	Vinothkanna, R; Wahi, A	A multimodal biometric approach for the recognition of finger print, palm print and hand vein using fuzzy vault	INTERNATIONAL JOURNAL OF BIOMEDICAL ENGINEERING AND TECHNOLOGY	2020	10.1504/IJBET.2020.107650	Emerging Sources Citation Index (ESCI)	WOS Proof
454	Naresh, K; Reddy, PU; Sujatha, P; Reddy, CR	Control of DFIG Based Wind Turbine with Hybrid Controllers	INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
455	Babu, KR; Nagajaneyulu, PV; Prasad, KS	Performance analysis of CNN fusion based brain tumour detection using Chan-Vese and level set segmentation algorithms	INTERNATIONAL JOURNAL OF SIGNAL AND IMAGING SYSTEMS ENGINEERING	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
456	Siddiqui, N; Madala, S; Parcha, SR; Mallick, SP	Osteogenic differentiation ability of human mesenchymal stem cells on Chitosan/Poly (Caprolactone)/nano beta Tricalcium Phosphate composite scaffolds	BIOMEDICAL PHYSICS & ENGINEERING EXPRESS	2020	10.1088/2057-1976/ab6550	Emerging Sources Citation Index (ESCI)	WOS Proof
457	Cherukumalli, PKR; Tadiboina, BR; Gulipalli, KC; Bodige, S; Gangarapu, K; Sridhar, G	Design, Synthesis, and Anticancer Activity of Bis-isoxazole Incorporated Benzothiazole Derivatives	RUSSIAN JOURNAL OF GENERAL CHEMISTRY	2020	10.1134/S1070363220100229	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC)	WOS Proof

458	Basha, SKS; Sundari, GS; Kumar, KV; Rao, MC	Preparation and dielectric properties of PVP-based polymer electrolyte films for solid-state battery application (vol 75, pg 925, 2018)	POLYMER BULLETIN	2020	10.1007/s00289-019-02864-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
459	Ansari, K; Panda, SK; Jamjareegulgarn, P	Singular spectrum analysis of GPS derived ionospheric TEC variations over Nepal during the low solar activity period	ACTA ASTRONAUTICA	2020	10.1016/j.actaastro.2020.01.014	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
460	Sravani, KG; Mallika, DKN; Meghana, G; Divya, UNB; Chand, CG; Vasantha, K; Rao, KS	Design and simulation of RF MEMS shunt capacitive switch with non-uniform meanders for C-band applications	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2020	10.1007/s00542-020-04797-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
461	Rekha, VSD; Prathasaradhi, P; Khanjuma, S; Chandana, N; Priyanka, M	Design of Ultra Wide Band Antenna for Bluetooth and Wi-Fi Applications	PROCEEDINGS OF THE 5TH INTERNATIONAL CONFERENCE ON INVENTIVE COMPUTATION TECHNOLOGIES (ICICT-2020)	2020	10.1109/iciict48043.2020.9112428	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
462	Ismail, BM; Alam, M; Tahernezahdi, M; Vege, HK; Rajesh, P	A Machine Learning Classification Technique for Predicting Prostate Cancer	2020 IEEE INTERNATIONAL CONFERENCE ON ELECTRO INFORMATION TECHNOLOGY (EIT)	2020	10.1109/eit48999.2020.9208240	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
463	Yella, VR; Vanaja, A; Kulandaivelu, U; Kumar, A	Delving into Eukaryotic Origins of Replication Using DNA Structural Features	ACS OMEGA	2020	10.1021/acsomega.0c00441	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
464	Gillala, R; Reddy, VK; Tyagi, AK	KDOS: Kernel Density based Over Sampling: - A Solution to Skewed Class Distribution	JOURNAL OF INFORMATION ASSURANCE AND SECURITY	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
465	Rao, BVD; Vardhini, SV; Kolli, D; Rao, MVB; Pal, M	Ultrasound Assisted Synthesis of 2-Substituted Benzofurans via One-Pot and Sequential Method: Their In Vitro Evaluation	ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY	2020	10.2174/1871520620666200128120356	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
466	Rao, MC; Shekhawat, MS; Madhav, BTP; Naveen, R; Srikumar, T; Kumar, MS	Effect of Humidity on ZrO ₂ Doped PVA-CH ₃ COONa Polymer Films	3RD INTERNATIONAL CONFERENCE ON CONDENSED MATTER & APPLIED PHYSICS (ICC-2019)	2020	10.1063/5.0001612	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
467	Poonam; Shivani; Anu; Kumar, A; Sahu, MK; Rani, PR; Deopa, N; Punia, R; Rao, AS	Judd-Ofelt Parameterization and Luminescence Characterization of Dy ³⁺ Doped Oxyfluoride Lithium Zinc Borosilicate Glasses for Lasers and w-LEDs	JOURNAL OF NON-CRYSTALLINE SOLIDS	2020	10.1016/j.jnoncrysol.2020.120187	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
468	Chilukuri, RK; Kakarla, HK; Subbarao, K	Estimation of Modulation Parameters of LPI Radar Using Cyclostationary Method	SENSING AND IMAGING	2020	10.1007/s11220-020-00313-3	Emerging Sources Citation Index (ESCI)	WOS Proof
469	Reddy, BNK; Vani, BV; Lahari, GB	An efficient design and implementation of Vedic multiplier in quantum-dot cellular automata	TELECOMMUNICATION SYSTEMS	2020	10.1007/s11235-020-00669-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
470	Subramanian, R; Karthikeyan, C; Rao, GSN; Mariappan, R	Design and Implementation of Biomedical Device for Monitoring Fetal ECG	COMPUTATIONAL VISION AND BIO-INSPIRED COMPUTING	2020	10.1007/978-3-030-37218-7_82	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
471	Satyanarayana, GC; Naidu, CV; Rao, DVB; Umakanth, N; Naveena, N	Onset of northeast monsoon over South Peninsular India	MAUSAM	2020		Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
472	Sanjay, S; Prabakaran, K; Baskar, K	Epitaxy of gallium nitride pyramids on few layer graphene for metal-semiconductor-metal based photodetectors	MATERIALS CHEMISTRY AND PHYSICS	2020	10.1016/j.matchemphys.2019.122189	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
473	Ganteda, CK; Shobhalatha, G	Analysis of Water Quality by Using Spatial Graph Theory and Metamodelling	THAILAND STATISTICIAN	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
474	Prasanth, D; Panda, SP; Rao, AL; Chakravarti, G; Teja, N; Vani, VBN; Sandhya, T	In-silico Strategies of Some Selected Phytoconstituents from Zingiber officinale as SARS CoV-2 Main Protease (COVID-19) Inhibitors	INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH	2020	10.5530/ijper.54.3s.154	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

475	Prabu, AS; Chithambaram, V; AntoBennet, M; Shanmugan, S	A review on various CMOS circuit styles	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.04.858	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
476	Mekala, MS; Viswanathan, P	(t,n): Sensor Stipulation with THAM Index for Smart Agriculture Decision-Making IoT System	WIRELESS PERSONAL COMMUNICATIONS	2020	10.1007/s11277-019-06964-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
477	Sandhya, A; Reddy, GVR; Deekshitulu, GVSR	Radiation and chemical reaction effects on MHD Casson fluid flow past a semi-infinite vertical moving porous plate	INDIAN JOURNAL OF PURE & APPLIED PHYSICS	2020		Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
478	Vijaya, N; Babu, GS; Lakshmi, NV	INFLUENCE OF CRITICAL PARAMETERS ON LIQUID THIN FILM FLOW OF CASSON NANO FLUID OVER ELONGATED SHEET UNDER THERMOPHORESIS AND BROWNIAN MOTION	FRONTIERS IN HEAT AND MASS TRANSFER	2020	10.5098/hmt.15.23	Emerging Sources Citation Index (ESCI)	WOS Proof
479	Pan, HL; Wang, MZ; Kumar, KR; Zhang, JT; Meng, L	A Decadal Global Climatology of Ice Cloud Fraction with Their Microphysical and Optical Properties Inferred from the CALIPSO and Reanalysis Data	REMOTE SENSING	2020	10.3390/rs12223795	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
480	Sampurnima, P; Satapathy, SK; Mishra, S; Mallick, PK	Hyperspectral Image Classification Using Stochastic Gradient Descent Based Support Vector Machine	BIOLOGICALLY INSPIRED TECHNIQUES IN MANY-CRITERIA DECISION MAKING	2020	10.1007/978-3-030-39033-4_8	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
481	Sirisha, B; Sandhya, B; Paidimarry, CS; Sastry, ASC	A Framework for Image Alignment of TerraSAR-X Images Using Fractional Derivatives and View Synthesis Approach	JOURNAL OF INTELLIGENT SYSTEMS	2020	10.1515/jisys-2017-0381	Emerging Sources Citation Index (ESCI)	WOS Proof
482	Jamithireddy, AK; Runthala, A; Gopal, B	Evaluation of specificity determinants in Mycobacterium tuberculosis σ /anti- σ factor interactions	BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS	2020	10.1016/j.bbrc.2019.10.198	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
483	Shekhawat, MS; Madhav, BTP; Naveen, R; Rao, MC	Effect of Humidity on TiO2 Doped PVA Capped CH3COOK Polymer Films	3RD INTERNATIONAL CONFERENCE ON CONDENSED MATTER & APPLIED PHYSICS (ICC-2019)	2020	10.1063/5.0001613	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
484	Manne, B; Kumar, MK; Akuru, UB	Design and Performance Assessment of a Small-Scale Ferrite-PM Flux Reversal Wind Generator	ENERGIES	2020	10.3390/en13215565	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
485	Jadala, NB; Sridhar, M; Dashora, N; Dutta, G	Annual, seasonal and diurnal variations of integrated water vapor using GPS observations over Hyderabad, a tropical station	ADVANCES IN SPACE RESEARCH	2020	10.1016/j.asr.2019.10.002	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
486	Kumar, A; Mohanty, CP; Bhuyan, RK; Shaik, AM	Performance Analysis and Optimization of Process Parameters in WEDM for Inconel 625 Using TLBO Couple with FIS	SOFT COMPUTING FOR PROBLEM SOLVING, SOCPROS 2018, VOL 1	2020	10.1007/978-981-15-0035-0_72	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
487	Satyanarayana, GC; Rao, DVB	Phenology of heat waves over India	ATMOSPHERIC RESEARCH	2020	10.1016/j.atmosres.2020.105078	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
488	Suneeta, P; Kumar, RA; Ramana, MV; Kumar, GK; Chatterjee, A; Rajesh, C	Synthesis and optical properties of Mn-doped CaWO4 nanoparticles	PHYSICA SCRIPTA	2020	10.1088/1402-4896/ab4d2a	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
489	Abhishek, D; Ramakrishna, K; Naik, BK	EVALUATION OF HEAT AND MASS TRANSFER COEFFICIENTS AT BEETROOT-AIR INTERFACE DURING CONVECTIVE DRYING	INTERFACIAL PHENOMENA AND HEAT TRANSFER	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
490	Deepika, KK; Rao, GK; Kumar, JV; Rai, SRS	Investigation of a 7-Level Inverter-based Electric Spring Subjected to Distribution Network Dynamics	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
491	Lakshmi, YA; Swapna, K; Reddy, KSRK; Mahamuda, S; Venkateswarulu, M; Rao, AS	Concentration dependent photoluminescence studies of Dy3+ doped Bismuth Boro-Tellurite glasses for lasers and wLEDs	OPTICAL MATERIALS	2020	10.1016/j.optmat.2020.110328	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

492	Dharmaiah, G; Sridhar, W; Balamurugan, KS; Kala, KC	Hall and ion slip impact on magneto-titanium alloy nanoliquid with diffusion thermo and radiation absorption	INTERNATIONAL JOURNAL OF AMBIENT ENERGY	2020	10.1080/01430750.2020.1831597	Emerging Sources Citation Index (ESCI)	WOS Proof
493	Murthy, ASD; Karthikeyan, T; Jagan, BOL; Kumari, CU	Novel deep neural network for individual re recognizing physically disabled individuals	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.07.447	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
494	Srideepthi, R; Krishna, MSR; Suneetha, P; Krishna, RS; Karthikeyan, S	Genome-wide identification, characterization and expression analysis of non-RD receptor like kinase gene family under Colletotrichum truncatum stress conditions in hot pepper	GENETICA	2020	10.1007/s10709-020-00104-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
495	Kumar, TR; Suresh, GR; Subaraja, SK; Karthikeyan, C	Taylor-AMS features and deep convolutional neural network for converting nonaudible murmur to normal speech	COMPUTATIONAL INTELLIGENCE	2020	10.1111/coin.12281	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
496	Saminathan, P; SenthilKumar, M; Shanmugan, S; Panchal, H; Jain, PK	Growth and characterization study of pure and C4H6O5/C2H2O4/Li2SO4 doped L-Lysine single crystal for NLO applications	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.04.501	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
497	Hou, XW; Zhu, B; Kumar, KR; de Leeuw, G; Lu, W; Huang, Q; Zhu, XX	Establishment of Conceptual Schemas of Surface Synoptic Meteorological Situations Affecting Fine Particulate Pollution Across Eastern China in the Winter	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES	2020	10.1029/2020JD033153	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
498	Suneetha, K; Ibrahim, SM; Reddy, GVR	The effects of radiation and chemical reaction on MHD mixed convective flow and mass transfer from a vertical surface with Ohmic heating and viscous dissipation	MULTIDISCIPLINE MODELING IN MATERIALS AND STRUCTURES	2020	10.1108/MMMS-02-2018-0021	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
499	Deopa, N; Sahu, MK; Rani, PR; Punia, R; Rao, AS	Realization of warm white light and energy transfer studies of Dy3+/Eu3+ co-doped Li2O-PbO-Al2O3-B2O3 glasses for lighting applications	JOURNAL OF LUMINESCENCE	2020	10.1016/j.jlumin.2020.117166	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
500	Balarak, D; Ganji, F; Chandrika, K; Haseeb, S	Montmorillonite Nanoparticles Effectiveness in Removal of Amoxicillin from Water Solutions	INTERNATIONAL JOURNAL OF PHARMACEUTICAL INVESTIGATION	2020	10.5530/ijpi.2020.2.22	Emerging Sources Citation Index (ESCI)	WOS Proof
501	Prasanth, DSNBK; Panda, SP; Rao, AL; Teja, N; Vani, VBN; Sandhya, T; Rao, PBB	In vitro Anthelmintic Impact of Various Extracts of Pavetta tomentosa Root on Pheretima posthuma and in-silico Molecular Docking Evaluation of some Isolated Phytoconstituents	INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH	2020	10.5530/ijper.54.2s.81	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
502	Sirisha, B; Paidimarry, CS; Sastry, ASC; Sandhya, B	Formulation of Fractional Affine Feature Detector for TerraSAR-X (TSX) Images	INTERNATIONAL CONFERENCE ON COMPUTATIONAL INTELLIGENCE AND DATA SCIENCE	2020	10.1016/j.procs.2020.03.369	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
503	Kumar, A; Pratheba, S; Rajendran, R; Perumal, K; Lingeshwaran, N; Sambaraju, S	An experimental study on the mechanical properties of concrete replacing sand with quarry dust and waste foundry sand	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.06.271	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
504	Kumar, A; Ranjan, P	Impact of light soaking on absorber and buffer layer in thin film solar cells	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2020	10.1007/s00339-020-03595-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
505	Kailasa, S; Reddy, RKK; Reddy, MSB; Rani, BG; Maseed, H; Sathyavathi, R; Rao, KV	High sensitive polyaniline nanosheets (PANINS) @rGO as non-enzymatic glucose sensor	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2020	10.1007/s10854-019-02837-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
506	Basha, SS; Sundari, GS; Kumar, KV; Rao, KR; Rao, MC	Preparation and characterization of ruthenium based organic composites for optoelectronic device application (vol 164, pg 596, 2018)	OPTIK	2020	10.1016/j.ijleo.2019.163033	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
507	Chandrika, M; Ravindra, AV; Rajesh, C; Ju, SH	Tailoring of crystal phase, morphology, and optical properties of ZnO nanostructures by starch-assisted co-precipitation synthesis and annealing	EUROPEAN PHYSICAL JOURNAL PLUS	2020	10.1140/epjp/s13360-019-00073-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

508	Reddy, M; Konda, RR; Kumar, GK; Asadi, SS	Site Characterization and Evaluation of Seismic Sources for Amaravati Region	INTERNATIONAL JOURNAL OF GEOTECHNICAL EARTHQUAKE ENGINEERING	2020	10.4018/IJGEE.2020010104	Emerging Sources Citation Index (ESCI)	WOS Proof
509	Koutavarapu, R; Madhav, BTP; Manepalli, RKNR; Shim, J; Rao, MC	Structural and optical properties of ZnO doped CdTe nanopowders for optoelectronic device application	OPTIK	2020	10.1016/j.ijleo.2020.164346	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
510	Khan, R; Kumar, KR; Zhao, TL; Ali, G	The contribution of different aerosol types to direct radiative forcing over distinct environments of Pakistan inferred from the AERONET data	ENVIRONMENTAL RESEARCH LETTERS	2020	10.1088/1748-9326/aba2a6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
511	Shanthi, G; Rao, KS; Sravani, KG	Design and analysis of a RF MEMS shunt switch using U-shaped meanders for low actuation voltage	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2020	10.1007/s00542-020-04864-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
512	Murugan, R; Devi, RK; Albert, AJ; Nayak, DK	An IOT Based Weather Monitoring System to Prevent and Alert Cauvery Delta District of Tamilnadu, India	PROCEEDING OF THE INTERNATIONAL CONFERENCE ON COMPUTER NETWORKS, BIG DATA AND IOT (ICCBI-2018)	2020	10.1007/978-3-030-24643-3_55	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
513	Mubarakali, A; Ashwin, M; Mavaluru, D; Kumar, AD	Design an attribute based health record protection algorithm for healthcare services in cloud environment	MULTIMEDIA TOOLS AND APPLICATIONS	2020	10.1007/s11042-019-7494-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
514	Saravanan, G; Mohan, S	Electrochemical nucleation and growth of Pt nanoflower particles on reduced graphite oxide with electrooxidation of glucose	ANALYTICAL METHODS	2020	10.1039/d0ay00021c	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
515	Majji, R; Prakash, PGO; Cristin, R; Parthasarathy, G	Social bat optimisation dependent deep stacked auto-encoder for skin cancer detection	IET IMAGE PROCESSING	2020	10.1049/iet-ipr.2020.0318	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
516	Mallika, IL; Ratnam, DV; Raman, S; Sivavaraprasad, G	A New Ionospheric Model for Single Frequency GNSS User Applications Using Klobuchar Model Driven by Auto Regressive Moving Average (SAKARMA) Method Over Indian Region	IEEE ACCESS	2020	10.1109/ACCESS.2020.2981365	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
517	Sulthana, SP; Gowrisankar, M; Babu, S; Rao, PV	Binary mixtures of 2-ethyl-1-hexanol with various functional groups (benzyl chloride, 3-methylaniline, 3-methoxyaniline and 2,6-dimethylcyclohexanone)	SN APPLIED SCIENCES	2020	10.1007/s42452-020-2751-y	Emerging Sources Citation Index (ESCI)	WOS Proof
518	Manova, S; Asirvatham, LG; Nimmagadda, R; Bose, JR; Wongwises, S	Cooling of high heat flux electronic devices using ultra-thin multiport minichannel thermosyphon	APPLIED THERMAL ENGINEERING	2020	10.1016/j.applthermaleng.2019.114669	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
519	Moses, M; Panda, SK; Sharma, SK; Dodo, JD; Ojigi, LM; Lawal, K	Ionospheric electron density characteristics over Africa from FORMOSAT-3/COSMIC radio occultation	ASTROPHYSICS AND SPACE SCIENCE	2020	10.1007/s10509-020-03833-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
520	Ranganathan, R; Kambalapally, V; Kannan, K	Modelling link failure in the presence of extended hidden terminals over multi-hop wireless ad hoc networks	SN APPLIED SCIENCES	2020	10.1007/s42452-020-2159-8	Emerging Sources Citation Index (ESCI)	WOS Proof
521	Raghav, RS; Thirugnansambandam, K; Anguraj, DK	Beeware Routing Scheme for Detecting Network Layer Attacks in Wireless Sensor Networks	WIRELESS PERSONAL COMMUNICATIONS	2020	10.1007/s11277-020-07158-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
522	Guha, K; Laskar, NM; Gogoi, HJ; Chanda, S; Baishnab, KL; Rao, KS; Maity, NP	An improved analytical model for static pull-in voltage of a flexured MEMS switch	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2020	10.1007/s00542-018-3911-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
523	Nayagam, VLG; Ponnialagan, D; Jeevaraj, S	Similarity measure on incomplete imprecise interval information and its applications	NEURAL COMPUTING & APPLICATIONS	2020	10.1007/s00521-019-04277-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

524	Mallick, SP; Suman, DK; Singh, BN; Srivastava, P; Siddiqui, N; Yella, VR; Madhual, A; Vemuri, PK	Strategies toward development of biodegradable hydrogels for biomedical applications	POLYMER-PLASTICS TECHNOLOGY AND MATERIALS	2020	10.1080/25740881.2020.1719135	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
525	Kumar, AS; Joseph, DP; Bhatnagar, AK; Srinath, S	Magnetism and Charge Order in Nanocrystalline Orthorhombic SrFeO ₃ -δ	JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM	2020	10.1007/s10948-020-05423-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
526	Maity, NP; Maity, R; Dutta, S; Deb, S; Sravani, KG; Rao, KS; Baishya, S	Effects of Hafnium Oxide on Surface Potential and Drain Current Models for Subthreshold Short Channel Metal-Oxide-Semiconductor-Field-Effect-Transistor	TRANSACTIONS ON ELECTRICAL AND ELECTRONIC MATERIALS	2020	10.1007/s42341-020-00181-4	Emerging Sources Citation Index (ESCI)	WOS Proof
527	Upadhe, SN; Mhamane, SC; Kurhade, AS; Bapat, PV; Dhavale, DB; Kore, LJ	Water Saving and Hygienic Faucet for Public Places in Developing Countries	TECHNO-SOCIETAL 2018: PROCEEDINGS OF THE 2ND INTERNATIONAL CONFERENCE ON ADVANCED TECHNOLOGIES FOR SOCIETAL APPLICATIONS - VOL 1	2020	10.1007/978-3-030-16848-3_56	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
528	Sateesh, J; Guha, K; Dutta, A; Sengupta, P; Rao, KS	Regenerating re-absorption function of proximal convoluted tubule using microfluidics for kidney-on-chip applications	SN APPLIED SCIENCES	2020	10.1007/s42452-019-1840-2	Emerging Sources Citation Index (ESCI)	WOS Proof
529	Kumari, S; Shivakrishna, P; Sreenivasulu, K	Synthesis and characterization of gold nanoparticles from marine Micrococcus sp. OUS9	BIOINFORMATION	2020	10.6026/97320630016849	Emerging Sources Citation Index (ESCI)	WOS Proof
530	Jaiprakash, SP; Desai, MB; Prakash, CS; Mistry, VH; Radadiya, KL	Low dimensional DCT and DWT feature based model for detection of image splicing and copy-move forgery	MULTIMEDIA TOOLS AND APPLICATIONS	2020	10.1007/s11042-020-09415-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
531	Shaik, GA; Reddy, TB; Ismail, BM; Alam, M; Tahernezhadi, M	Variable Block Size Hybrid Fractal Technique for Image Compression	2020 6TH INTERNATIONAL CONFERENCE ON ADVANCED COMPUTING AND COMMUNICATION SYSTEMS (ICACCS)	2020	10.1109/icaccs48705.2020.9074352	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
532	Mudavath, M; Kishore, KH; Hussain, A; Boopathi, CS	Design and analysis of CMOS RF receiver front-end of LNA for wireless applications	MICROPROCESSORS AND MICROSYSTEMS	2020	10.1016/j.micpro.2020.102999	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
533	Bodiga, VL; Bathula, J; Kudle, MR; Vemuri, PK; Bodiga, S	Andrographolide suppresses cisplatin-induced endothelial hyperpermeability through activation of PI3K/Akt and eNOS -derived nitric oxide	BIOORGANIC & MEDICINAL CHEMISTRY	2020	10.1016/j.bmc.2020.115809	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
534	Swamy, PV; Kumar, VK; Raju, RR; Reddy, RV; Chatterjee, A; Kiran, G; Sridhar, G	Amide derivatives of 4-azaindole: Design, synthesis, and EGFR targeting anticancer agents	SYNTHETIC COMMUNICATIONS	2020	10.1080/00397911.2019.1683206	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC)	WOS Proof
535	Kumari, KS; Shivakrishna, P; Ganduri, VSR	Wound healing Activities of the bioactive compounds from Micrococcus sp. OUS9 isolated from marine water	SAUDI JOURNAL OF BIOLOGICAL SCIENCES	2020	10.1016/j.sjbs.2020.05.007	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
536	Hieu, HV; Tatipamula, VB; Killari, KN; Koneru, ST; Srilakshmi, N; Ranajith, SK	HPTLC Analysis, Antioxidant and Antidiabetic activities of Ethanol Extract of Moss Fissidens grandiflora	INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES	2020	10.36468/pharmaceutical-sciences.667	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
537	Singh, BN; Veeresh, V; Mallick, SP; Sinha, S; Rastogi, A; Srivastava, P	Generation of scaffold incorporated with nanobioglass encapsulated in chitosan/chondroitin sulfate complex for bone tissue engineering	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2020	10.1016/j.ijbiomac.2020.02.173	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
538	Tarannum, A; Rahman, ZU; Rao, LK; Srinivasulu, T; Lay-Ekuakille, A	An Efficient Multi-Modal Biometric Sensing and Authentication Framework for Distributed Applications	IEEE SENSORS JOURNAL	2020	10.1109/JSEN.2020.3012536	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
539	Sumalatha, C; Doddaji, R; Venkateswarlu, M; Rani, PR; Swapna, K; Mahamuda, S; Rao, AS	White light emission from Dy ³⁺ -doped ZnO + Bi ₂ O ₃ + BaF ₂ + B ₂ O ₃ + TeO ₂ glasses: Structural and spectroscopic properties	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	2020	10.1016/j.saa.2020.118568	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

540	Sethupathy, A; Arun, C; Sivashanmugam, P; Kumar, RR	Enrichment of biomethane production from paper industry biosolid using ozonation combined with hydrolytic enzymes	FUEL	2020	10.1016/j.fuel.2020.118522	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
541	Karapinar, E; Bindu, VMLH	On Pata-Suzuki-Type Contractions	MATHEMATICS	2020	10.3390/math8030389	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
542	Pandey, S; Phulara, SC; Mishra, SK; Bajpai, R; Kumar, A; Niranjana, A; Lehri, A; Upreti, DK; Chauhan, PS	Betula utilis extract prolongs life expectancy, protects against amyloid- β toxicity and reduces Alpha Synuclein in Caenorhabditis elegans via DAF-16 and SKN-1	COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY C-TOXICOLOGY & PHARMACOLOGY	2020	10.1016/j.cbpc.2019.108647	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
543	Rani, CB; Vedavathi, N; Balamurugan, KS; Dharmaiah, G	HALL AND ION SLIP EFFECTS ON AG - WATER BASED MHD NANOFLUID FLOW OVER A SEMI-INFINITE VERTICAL PLATE EMBEDDED IN A POROUS MEDIUM	FRONTIERS IN HEAT AND MASS TRANSFER	2020	10.5098/hmt.14.6	Emerging Sources Citation Index (ESCI)	WOS Proof
544	Reddybattula, KD; Panda, SK; Sharma, SK; Singh, AK; Kurnala, K; Haritha, C; Wuyyuru, S	Anomaly effects of 6-10 September 2017 solar flares on ionospheric total electron content over Saudi Arabian low latitudes	ACTA ASTRONAUTICA	2020	10.1016/j.actaastro.2020.07.045	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
545	Reddy, CR; Goud, BS; Reddy, BN; Pratyusha, M; Kumar, CVV; Rekha, R	Review of Islanding Detection Parameters in Smart Grids	8TH INTERNATIONAL CONFERENCE ON SMART GRID (ICSMARTGRID2020)	2020	10.1109/icsmartgrid49881.2020.9144923	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
546	Karapinar, E; Bindu, VMLH	Discussions on the almost Z-contraction	OPEN MATHEMATICS	2020	10.1515/math-2020-0174	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
547	Sravani, KG; Guha, K; Elsinawi, A	Design and optimisation of a novel structure capacitive RF MEMS switch to integrate with an antenna to improve its performance parameters	IET CIRCUITS DEVICES & SYSTEMS	2020	10.1049/iet-cds.2019.0425	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
548	Lakrit, S; Das, S; Madhav, BTP; Babu, KV	An octagonal star shaped flexible UWB antenna with band-notched characteristics for WLAN applications	JOURNAL OF INSTRUMENTATION	2020	10.1088/1748-0221/15/02/P02021	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
549	Bodiga, VL; Vemuri, PK; Nimmagadda, G; Bodiga, S	Zinc-dependent changes in oxidative and endoplasmic reticulum stress during cardiomyocyte hypoxia/reoxygenation	BIOLOGICAL CHEMISTRY	2020	10.1515/hsz-2020-0167	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
550	Chaibou, AAS; Ma, XY; Kumar, KR; Jia, HL; Tang, YG; Sha, T	Evaluation of dust extinction and vertical profiles simulated by WRF-Chem with CALIPSO and AERONET over North Africa	JOURNAL OF ATMOSPHERIC AND SOLAR-TERRESTRIAL PHYSICS	2020	10.1016/j.jastp.2020.105213	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
551	Umakanth, N; Satyanarayana, GC; Simon, B; Rao, MC; Babu, NR	Climatological analysis of lightning flashes over Kerala	3RD INTERNATIONAL CONFERENCE ON CONDENSED MATTER & APPLIED PHYSICS (ICC-2019)	2020	10.1063/5.0001292	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
552	Tejaswi, M; Pardhasaradhi, P; Madhav, BTP; Rao, MC; Mohan, NK; Manepalli, RKNR	Spectroscopic studies on liquid crystalline n-hexyloxy-cyanobiphenyl with dispersed citrate-capped gold nanoparticles in visible region	LIQUID CRYSTALS	2020	10.1080/02678292.2019.1688874	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
553	Kandula, V; Bandaru, SK; Balakrishna, C; Chatterjee, A; Yennam, S; Saunders, GC; Behera, M	Synthesis of 3,4,5-Trisubstituted Isoxazoles via the ANRORC Rearrangement	EUROPEAN JOURNAL OF ORGANIC CHEMISTRY	2020	10.1002/ejoc.202001103	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC); Current Chemical Reactions (CCR-EXPANDED)	WOS Proof
554	Umakanth, N; Satyanarayana, GC; Simon, B; Kumar, P; Rao, MC	Impact of convection and stability parameters on lightning activity over Andhra Pradesh, India	ACTA GEOPHYSICA	2020	10.1007/s11600-020-00479-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

555	Rani, GJ; Rao, YVH; Balakrishna, B	Fuel injection timing impact on diesel engine performance, combustion and emission characteristics of nano additive biodiesel blends	INTERNATIONAL JOURNAL OF AMBIENT ENERGY	2020	10.1080/01430750.2020.1725119	Emerging Sources Citation Index (ESCI)	WOS Proof
556	Umakanth, N; Satyanarayana, GC; Simon, B; Rao, MC; Babu, NR	Analysis of lightning flashes over Bangladesh	3RD INTERNATIONAL CONFERENCE ON CONDENSED MATTER & APPLIED PHYSICS (ICC-2019)	2020	10.1063/5.0001294	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
557	Sharma, SK; Singh, AK; Panda, SK; Ansari, K	GPS derived ionospheric TEC variability with different solar indices over Saudi Arab region	ACTA ASTRONAUTICA	2020	10.1016/j.actaastro.2020.05.024	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
558	Balarak, D; Chandrika, K; Igwegbe, CA; Ahmadi, S; Umembamalu, CJ	BIOSORPTION OF PHENOL USING MODIFIED BARLEY HUSK: STUDIES ON EQUILIBRIUM ISOTHERM, KINETICS, AND THERMODYNAMICS OF INTERACTIONS	SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
559	Umakanth, N; Satyanarayana, GC; Simon, B; Rao, MC; Babu, NR	Long-term analysis of thunderstorm-related parameters over Visakhapatnam and Machilipatnam, India	ACTA GEOPHYSICA	2020	10.1007/s11600-020-00431-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
560	Ramalingam, PS; Mayandi, K; Srinivasan, T; Leno, IJ; Ravi, R; Suresh, G	A study on E-Glass fiber reinforced interpenetrating polymer network (vinylester/polyurethane) laminate's flexural analysis	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.06.330	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
561	Das, N; Ropmay, GD; Joseph, AM; RoyChaudhuri, C	Modeling the Effective Conductance Drop Due to a Particle in a Solid State Nanopore Towards Optimized Design	IEEE TRANSACTIONS ON NANOBIOSCIENCE	2020	10.1109/TNB.2020.3015592	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
562	Raman, DN; Rajapandi, V; Sundaramoorthy, A; Ravisekaran, SS; Annadurai, N	Naturally derived FeTiO ₃ nanoparticles: analysis of optical properties	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2020	10.1007/s10854-020-04251-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
563	Umakanth, N; Satyanarayana, GC; Simon, B; Rao, MC; Babu, NR	Factors Influencing Lightning Flashes and Convective Systems over Srilanka	3RD INTERNATIONAL CONFERENCE ON CONDENSED MATTER & APPLIED PHYSICS (ICC-2019)	2020	10.1063/5.0001295	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
564	Naveen, R; Rao, KK; Parimala, MPD; Lakshmi, K; Dasaradhu, Y; Madhav, BTP; Rao, MC	Electrical Studies on PVP:CH ₃ COOK-TiO ₂ Polymer Films	3RD INTERNATIONAL CONFERENCE ON CONDENSED MATTER & APPLIED PHYSICS (ICC-2019)	2020	10.1063/5.000161	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
565	Tejaswi, M; Pardhasaradhi, P; Madhav, BTP; Rao, MC; Reddy, DRS; Giridhar, G; Manepalli, RKNR	Spectroscopic studies on liquid crystalline p-n-nonyloxy benzoic acid (9oba) dispersed citrate capped gold nanoparticles	OPTIK	2020	10.1016/j.ijleo.2020.165151	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
566	Kumar, ER; Rao, KVSNR; Nayak, SR; Chandra, R	Suicidal ideation prediction in twitter data using machine learning techniques	JOURNAL OF INTERDISCIPLINARY MATHEMATICS	2020	10.1080/09720502.2020.1721674	Emerging Sources Citation Index (ESCI)	WOS Proof
567	Tripathy, R; Nayak, RK; Das, P; Mishra, D	Cellular cholesterol prediction of mammalian ATP-binding cassette (ABC) proteins based on fuzzy c-means with support vector machine algorithms	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2020	10.3233/JIFS-179934	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
568	Koutavarapu, R; Manepalli, RKNR; Madhav, BTP; Satyanarayana, T; Nagarjuna, G; Shim, J; Rao, MC	Optical, electrical and photoluminescence studies on Al ₂ O ₃ doped PVA capped ZnO nanoparticles for optoelectronic device application	OPTIK	2020	10.1016/j.ijleo.2020.164236	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

569	Roy, A; Razia, S; Parveen, N; Rao, AS; Nayak, SR; Poonia, RC	Fuzzy rule based intelligent system for user authentication based on user behaviour	JOURNAL OF DISCRETE MATHEMATICAL SCIENCES & CRYPTOGRAPHY	2020	10.1080/09720529.2020.1728894	Emerging Sources Citation Index (ESCI)	WOS Proof
570	Umakanth, N; Satyanarayana, GC; Simon, B; Rao, MC	Satellite Based Interpretation of Stability Parameters on Convective Systems over India and Srilanka	ASIAN JOURNAL OF ATMOSPHERIC ENVIRONMENT	2020	10.5572/ajae.2020.14.2.119	Emerging Sources Citation Index (ESCI)	WOS Proof
571	Nimmagadda, R; Asirvatham, LG; Reddy, SR	Dynamics of rising bubbles in gradually mixing fluids due to the effect of Rayleigh-Taylor instability	INTERNATIONAL JOURNAL OF MULTIPHASE FLOW	2020	10.1016/j.ijmultiphaseflow.2020.103288	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
572	Dhaka, P; Damacharla, P; Javaid, AY; Vege, HK; Devabhaktuni, VK	IVACS: Intelligent Voice Assistant for Coronavirus Disease (COVID-19) Self-Assessment	2020 INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE & MODERN ASSISTIVE TECHNOLOGY (ICAIMAT)	2020		Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
573	Gadamsetty, R; Sajja, VS; Sekhar, PS; Prasad, D	THERMAL EFFECTS IN BINGHAM PLASTIC FLUID FILM LUBRICATION OF ASYMMETRIC ROLLERS	FRONTIERS IN HEAT AND MASS TRANSFER	2020	10.5098/hmt.15.18	Emerging Sources Citation Index (ESCI)	WOS Proof
574	Babu, AN; Reddy, DS; Kumar, GS; Ravindhranath, K; Mohan, GVK	Sequential synergetic sorption analysis of Gracilaria Rhodophyta biochar toward aluminum and fluoride: A statistical optimization approach	WATER ENVIRONMENT RESEARCH	2020	10.1002/wer.1283	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
575	Huang, J; Bu, LB; Kumar, KR; Khan, R; Devi, NSMPL	Investigating the relationship between aerosol and cloud optical properties inferred from the MODIS sensor in recent decades over East China	ATMOSPHERIC ENVIRONMENT	2020	10.1016/j.atmosenv.2020.117812	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
576	HarshaPasumarthi, BS; Devanaboyina, VR; Sinha, PR; Ojha, DK; Kumar, BS	Regional ionospheric TEC data assimilation and forecasting during geomagnetic storm conditions for 17th and 18th March 2015 days	2020 8TH ANNUAL IEEE INTERNATIONAL CONFERENCE ON WIRELESS FOR SPACE AND EXTREME ENVIRONMENTS (WISEE 2020)	2020		Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
577	Ghosh, R; Sarkar, R	Comparative Analysis of Novel Calcium Phosphate Based Machinable Bioceramic Composites	TRANSACTIONS OF THE INDIAN CERAMIC SOCIETY	2020	10.1080/0371750X.2020.1773931	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
578	Srinivasan, T; Ramu, P; Suresh, G; Govardhan, YS; Srinivasan, S	Impact of mechanical properties on sheet metal forming processes by using single-point incremental shaping method	5TH INTERNATIONAL CONFERENCE ON MATERIALS AND MANUFACTURING ENGINEERING-2020 (ICMME-2020)	2020	10.1088/1757-899X/954/1/012028	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
579	Kadin, SR; Gangamohan, P; Gangashetty, S; Alku, P; Yegnanarayana, B	Excitation Features of Speech for Emotion Recognition Using Neutral Speech as Reference	CIRCUITS SYSTEMS AND SIGNAL PROCESSING	2020	10.1007/s00034-020-01377-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
580	Kumar, R; Edalatpanah, SA; Mohapatra, H	Note on Optimal path selection approach for fuzzy reliable shortest path problem	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2020	10.3233/JIFS-200923	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
581	Pan, HL; Huo, W; Wang, MZ; Zhang, JT; Meng, L; Kumar, KR; Devi, NSMPL	Insight into the climatology of different sand-dust aerosol types over the Taklimakan Desert based on the observations from radiosonde and A-train satellites	ATMOSPHERIC ENVIRONMENT	2020	10.1016/j.atmosenv.2020.117705	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
582	Saminathan, P; SenthilKumar, M; Shanmugan, S; Selvaraju, P; Janarthanan, B; Sadasivuni, KK	Synthesis and characterization of crystalline perfection on L-Lysine co-doping glycine barium chloride/C6H14N2O2 (L-LGBCAC) single crystal for NLO materials	MATERIALS TODAY-PROCEEDINGS	2020	10.1016/j.matpr.2020.04.496	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
583	Chaubey, AK; Kumar, A; Chakrabarti, A	Effect of multiple cutouts on shear buckling of laminated composite spherical shells	MATERIALS TODAY-PROCEEDINGS	2020		Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
584	Srinivasan, K; Mubarakali, A; Alqahtani, AS; Kumar, AD	A Survey on the Impact of DDoS Attacks in Cloud Computing: Prevention, Detection and Mitigation Techniques	INTELLIGENT COMMUNICATION TECHNOLOGIES AND VIRTUAL MOBILE NETWORKS, ICICV 2019	2020	10.1007/978-3-030-28364-3_24	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof

585	Thirumallai, C; Mekala, MS; Perumal, V; Rizwan, P; Gandomi, AH	Machine Learning Inspired Phishing Detection (PD for Efficient Classification and Secure Storage Distribution (SSD) for Cloud-IoT Application	2020 IEEE SYMPOSIUM SERIES ON COMPUTATIONAL INTELLIGENCE (SSCI)	2020		Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
586	Umakanth, N; Satyanarayana, GC; Simon, B; Rao, MC; Kumar, MT; Babu, NR	Analysis of various thermodynamic instability parameters and their association with the rainfall during thunderstorm events over Anakapalle (Visakhapatnam district), India	ACTA GEOPHYSICA	2020	10.1007/s11600-020-00478-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
587	Mohapatra, D; Padhee, S; Saxena, S; Patnaik, B	Project-based learning: Design of data acquisition module for greenhouse system	INTERNATIONAL JOURNAL OF ELECTRICAL ENGINEERING EDUCATION	2020	10.1177/0020720920928538	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
588	Appathurai, A; Sundarasekar, R; Raja, C; Alex, EJ; Palagan, CA; Nithya, A	An Efficient Optimal Neural Network-Based Moving Vehicle Detection in Traffic Video Surveillance System	CIRCUITS SYSTEMS AND SIGNAL PROCESSING	2020	10.1007/s00034-019-01224-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
589	Almeida, C; Paul, S; Asirvatham, LG; Manova, S; Nimmagadda, R; Bose, JR; Wongwises, S	Experimental Studies on Thermophysical and Electrical Properties of Graphene-Transformer Oil Nanofluid	FLUIDS	2020	10.3390/fluids5040172	Emerging Sources Citation Index (ESCI)	WOS Proof
590	Satheesh, N; Rathnamma, MV; Rajeshkumar, G; Sagar, PV; Dadheech, P; Dogiwal, SR; Velayutham, P; Sengan, S	Flow-based anomaly intrusion detection using machine learning model with software defined networking for OpenFlow network	MICROPROCESSORS AND MICROSYSTEMS	2020	10.1016/j.micpro.2020.103285	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
591	Garudaiahgari, SVS; Shaik, N; Kovvasu, SP; Gudhanti, SNKR; Kolapalli, VRM	Response Surface Optimization of Diltiazem HCl Gastric Floating Matrix Tablets	ASIAN JOURNAL OF PHARMACEUTICS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
592	Siddiqui, JA; Patil, S; Chouhan, SS; Wuriti, S; Arora, V; Mulaveesala, R	Efficient pulse compression favourable thermal excitation scheme for non-destructive testing using infrared thermography: a numerical study	ELECTRONICS LETTERS	2020	10.1049/el.2020.0914	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
593	Manova, S; Asirvatham, LG; Nimmagadda, R; Bose, JR; Wongwises, S	Feasibility of using multiport minichannel as thermosyphon for cooling of miniaturized electronic devices	HEAT TRANSFER	2020	10.1002/htj.21855	Emerging Sources Citation Index (ESCI)	WOS Proof
594	Ega, SL; Drendel, G; Petrovski, S; Egidi, E; Franks, AE; Muddada, S	Comparative Analysis of Structural Variations Due to Genome Shuffling of Bacillus Subtilis VS15 for Improved Cellulase Production	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2020	10.3390/ijms21041299	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
595	Nidhya, R; Kumar, M; Ravi, RV; Deepak, V	Enhanced Route Selection (ERS) algorithm for IoT enabled smart waste management system	ENVIRONMENTAL TECHNOLOGY & INNOVATION	2020	10.1016/j.eti.2020.101116	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
596	Sravani, KG; Guha, K; Lysenko, IE; Rao, KS; El Sinawi, A	Design of Step down Structure RF-MEMS Shunt Capacitive Switch for Low-Pull-In Voltage	JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH	2020		Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
597	Dofe, VS; Sarkate, AP; Tiwari, SV; Lokwani, DK; Karnik, KS; Kale, IA; Dodamani, S; Jalalpure, SS; Burra, PVLS	Ultrasound assisted synthesis of tetrazole based pyrazolines and isoxazolines as potent anticancer agents via inhibition of tubulin polymerization	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	2020	10.1016/j.bmcl.2020.127592	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC)	WOS Proof
598	Lakrit, S; Das, S; Ghosh, S; Madhav, BTP	Compact UWB flexible elliptical CPW-fed antenna with triple notch bands for wireless communications	INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING	2020	10.1002/mmce.22201	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

599	Nyasulu, M; Haque, MM; Boiyo, R; Kumar, KR; Zhang, YL	Seasonal climatology and relationship between AOD and cloud properties inferred from the MODIS over Malawi, Southeast Africa	ATMOSPHERIC POLLUTION RESEARCH	2020	10.1016/j.apr.2020.07.023	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
600	Mallesh, MP; Rajesh, V; Kavitha, M; Chamkha, AJ	Study of Time Dependent Free Convective Kerosene-Nanofluid Flow with Viscous Dissipation Past a Porous Plate	INTERNATIONAL CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS (ICMSA-2019)	2020	10.1063/5.0014451	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
601	Kavitha, M; Rajesh, V; Mallesh, MP; Chamka, AJ	Unsteady CNTs Kerosene Nanofluid Flow Past a Vertical Plate with Heat Transfer Under the Influence of Thermal Radiation	INTERNATIONAL CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS (ICMSA-2019)	2020	10.1063/5.0014577	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
602	Masoodi, TA; Shaik, NA; Burhan, S; Shafi, G; Talluri, VR	RNA-Seq reveals skipping of exon 3 in a breast cancer patient carrying G118D PIK3CA mutation	GENE REPORTS	2020	10.1016/j.genrep.2020.100704	Emerging Sources Citation Index (ESCI)	WOS Proof
603	Naveen, R; Shekhawat, MS; Kumar, MT; Madhav, BTP; Mohan, NK; Dasaradhu, Y; Rao, MC	Charge-Discharge Studies of TiO2 Doped PVP Based Nanocomposite Films	3RD INTERNATIONAL CONFERENCE ON CONDENSED MATTER & APPLIED PHYSICS (ICC-2019)	2020	10.1063/5.0001614	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
604	Nimmagadda, R; Reuven, R; Asirvatham, LG; Wongwises, S	Thermal Management of Electronic Devices Using Gold and Carbon Nanofluids in a Lid-Driven Square Cavity Under the Effect of Variety of Magnetic Fields	IEEE TRANSACTIONS ON COMPONENTS PACKAGING AND MANUFACTURING TECHNOLOGY	2020	10.1109/TCPMT.2020.3008786	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
605	Gopichand, C; Maity, R; Maly, NP; Rao, KS; Guha, K; Maity, S; Eisnawi, A	Design of a Non-uniform Serpentine Asymmetric Cantilever RF-MEMS Shunt Capacitive Switch for RADAR Applications	TRANSACTIONS ON ELECTRICAL AND ELECTRONIC MATERIALS	2020	10.1007/s42341-020-00193-0	Emerging Sources Citation Index (ESCI)	WOS Proof
606	Leelavathi, R; Kumar, GS; Agarwal, RP; Wang, C; Murty, MSN	Generalized Nabla Differentiability and Integrability for Fuzzy Functions on Time Scales	AXIOMS	2020	10.3390/axioms9020065	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
607	Khalifa, HAW; Kumar, P; Smarandache, F	On Optimizing Neutrosophic Complex Programming Using Lexicographic Order	NEUTROSOPHIC SETS AND SYSTEMS	2020		Emerging Sources Citation Index (ESCI)	WOS Proof
608	Prabhu, CSR; Gandhi, RV; Jain, AK; Lalka, VS; Thottampudi, SG; Rao, PVRDP	A Novel Approach to Extend KM Models with Object Knowledge Model (OKM) and Kafka for Big Data and Semantic Web with Greater Semantics	COMPLEX, INTELLIGENT, AND SOFTWARE INTENSIVE SYSTEMS (CISIS 2019)	2020	10.1007/978-3-030-22354-0_48	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
609	Balla, CS; Alluguvelli, R; Naikoti, K; Makinde, OD	Effect of Chemical Reaction on Bioconvective Flow in Oxytactic Microorganisms Suspended Porous Cavity	JOURNAL OF APPLIED AND COMPUTATIONAL MECHANICS	2020	10.22055/JACM.2019.14811	Emerging Sources Citation Index (ESCI)	WOS Proof
610	Monga, N; Kharbanda, OP; Balachandran, R; Neelapu, BC	Palatal volume estimation in operated unilateral and bilateral cleft lip and palate subjects using digital study models	ORTHODONTICS & CRANIOFACIAL RESEARCH	2020	10.1111/ocr.12368	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
611	Sivakandhan, C; Loganathan, GB; Murali, G; Prabhu, PS; Marichamy, S; Krishnan, GS; Pradhan, R	Material characterization and unconventional machining on synthesized Niobium metal matrix	MATERIALS RESEARCH EXPRESS	2020	10.1088/2053-1591/ab624d	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
612	Kumari, KS; Shivakrishna, P; Al-Attar, AM; Ganduri, VSR	Antibacterial and cytotoxicity activities of bioactive compounds from Micrococcus species OUS9 isolated from sea water	JOURNAL OF KING SAUD UNIVERSITY SCIENCE	2020	10.1016/j.jksus.2020.07.003	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
613	Santhosh, C; Daneshvar, E; Tripathi, KM; Baltrėnas, P; Kim, T; Baltreinaite, E; Bhatnagar, A	Synthesis and characterization of magnetic biochar adsorbents for the removal of Cr(VI) and Acid orange 7 dye from aqueous solution	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	2020	10.1007/s11356-020-09275-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

614	Kiik, K; Plado, J; Lingadevaru, M; Jeelani, SH; Szyszka, M	Magnetic Anomaly and Model of the Lonar Meteorite Impact Crater in Maharashtra, India	GEOSCIENCES	2020	10.3390/geosciences10100417	Emerging Sources Citation Index (ESCI)	WOS Proof
615	Sateesh, J; Guha, K; Dutta, A; Sengupta, P; Agarwal, A; Rao, KS	Recreating the size-dependent reabsorption function of proximal convoluted tubule towards artificial kidney applications: Structural analysis and computational study	ARTIFICIAL ORGANS	2020	10.1111/aor.13683	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
616	Kumari, S; Bandhu, D; Kumar, A; Yadav, RK; Vivekananda, K	Application of Utility Function Approach Aggregated with Imperialist Competitive Algorithm for Optimization of Turning Parameters of AISI D2 Steel	RECENT ADVANCES IN MECHANICAL INFRASTRUCTURE (ICRAM 2019)	2020	10.1007/978-981-32-9971-9_6	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
617	Shaik, MR; Adil, SF; Kuniyil, M; Sharif, M; Alwarthan, A; Siddiqui, MRH; Ali, MI; Tahir, MN; Khan, M	Facile Sonochemical Preparation of Au-ZrO2 Nanocatalyst for the Catalytic Reduction of 4-Nitrophenol	APPLIED SCIENCES-BASEL	2020	10.3390/app10020503	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
618	Guha, K; Sateesh, J; Dutta, A; Sengupta, P; Rao, KS; Agarwal, A	Mimicking kidney re-absorption using microfluidics by considering hydrostatic pressure inside kidney tubules: structural and analytical study	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2020	10.1007/s00542-019-04720-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
619	Thalluri, LN; Guha, K; Rao, KS; Prasad, GVH; Sravani, KG; Sastry, KSR; Kanakala, AR; Babu, PB	Perforated serpentine membrane with AlN as dielectric material shunt capacitive RF MEMS switch fabrication and characterization	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2020	10.1007/s00542-020-04755-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
620	Jiang, N; Ebadi, AG; Kishore, KH; Yousif, QA; Salmani, M	Thermomechanical Reliability Assessment of Solder Joints in a Photovoltaic Module Operated in a Hot Climate	IEEE TRANSACTIONS ON COMPONENTS PACKAGING AND MANUFACTURING TECHNOLOGY	2020	10.1109/TCPMT.2019.2933057	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
621	Sankaranarayanan, S; Kandasamy, P; Raju, R; Krishnan, B	Fabrication of gallium nitride and nitrogen doped single layer graphene hybrid heterostructures for high performance photodetectors	SCIENTIFIC REPORTS	2020	10.1038/s41598-020-71514-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
622	Shahinshavali, S; Hossain, KA; Kumar, AVDN; Reddy, AG; Kolli, D; Nakhi, A; Rao, MVB; Pal, M	Ultrasound assisted synthesis of 3-alkynyl substituted 2-chloroquinoxaline derivatives: Their in silico assessment as potential ligands for N-protein of SARS-CoV-2	TETRAHEDRON LETTERS	2020	10.1016/j.tetlet.2020.152336	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC); Current Chemical Reactions (CCR-EXPANDED)	WOS Proof
623	Saravanan, D; Paul, PV; Janakiraman, S; Dumka, A; Jayakumar, L	A New Bio-Inspired Algorithm Based on the Hunting Behavior of Cheetah	INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY PROJECT MANAGEMENT	2020	10.4018/IJITPM.2020100102	Emerging Sources Citation Index (ESCI)	WOS Proof
624	Sharma, SK; Singh, AK; Panda, SK; Ahmed, SS	The effect of geomagnetic storms on the total electron content over the low latitude Saudi Arab region: a focus on St. Patrick's Day storm	ASTROPHYSICS AND SPACE SCIENCE	2020	10.1007/s10509-020-3747-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
625	Reddy, AVN; Krishna, CP; Mallick, PK; Satapathy, SK; Tiwari, P; Zymbler, M; Kumar, S	Analyzing MRI scans to detect glioblastoma tumor using hybrid deep belief networks	JOURNAL OF BIG DATA	2020	10.1186/s40537-020-00311-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
626	Mondal, T; Varandas, AJC	Effect of initial vibrational excitation on the methane cation sub-femtosecond photodynamics	MOLECULAR PHYSICS	2020	10.1080/00268976.2020.1752403	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
627	Nimmagadda, R; Matta, DP; Reuven, R; Asirvatham, LG; Wongwises, S; Yerramilli, A; Adusumilli, S	EFFECT OF MAGNETIC FIELD ON THE LAMINAR HEAT TRANSFER PERFORMANCE OF HYBRID NANOFLUID IN A LID DRIVEN CAVITY OVER SOLID BLOCK	PROCEEDINGS OF THE ASME 2020 POWER CONFERENCE (POWER2020)	2020		Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof

628	Varish, N; Pal, AK; Hassan, R; Hasan, MK; Khan, A; Parveen, N; Banerjee, D; Pellakuri, V; Ul Haqis, A; Memon, I	Image Retrieval Scheme Using Quantized Bins of Color Image Components and Adaptive Tetrolet Transform	IEEE ACCESS	2020	10.1109/ACCESS.2020.3003911	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
629	Khan, M; Shaik, MR; Khan, ST; Syed, FA; Kuniyil, M; Khan, M; Al-Warthan, AA; Siddiqui, MRH; Tahir, MN	Enhanced Antimicrobial Activity of Biofunctionalized Zirconia Nanoparticles	ACS OMEGA	2020	10.1021/acsomega.9b03840	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
630	Balla, CS; Ramesh, A; Kishan, N; Rashad, AM; Abdelrahman, ZMA	Bioconvection in oxytactic microorganism-saturated porous square enclosure with thermal radiation impact	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2020	10.1007/s10973-019-09009-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
631	Khan, A; Li, JP; ul Haq, A; Nazir, S; Ahmad, N; Varish, N; Malik, A; Patel, SH	Partial Observer Decision Process Model for Crane-Robot Action	SCIENTIFIC PROGRAMMING	2020	10.1155/2020/6349342	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
632	Routray, S; Malla, PP; Sharma, SK; Panda, SK; Palai, G	A new image denoising framework using bilateral filtering based non-subsampled shearlet transform	OPTIK	2020	10.1016/j.ijleo.2020.164903	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
633	Rahul, SK; Rao, TV; Keskar, A; Girish, HN; Madhusudan, P	Investigation on the effect of power and velocity of laser beam welding on the butt weld joint on TRIP steel	JOURNAL OF LASER APPLICATIONS	2020	10.2351/1.5133158	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
634	Khan, M; Shaik, MR; Adil, SF; Kuniyil, M; Ashraf, M; Frerichs, H; Sarif, MA; Siddiqui, MRH; Al-Warthan, A; Labis, JP; Islam, MS; Tremel, W; Tahir, MN	Facile synthesis of Pd@graphene nanocomposites with enhanced catalytic activity towards Suzuki coupling reaction	SCIENTIFIC REPORTS	2020	10.1038/s41598-020-68124-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
635	Panchal, H; Mevada, D; Sadasivuni, KK; Essa, FA; Shanmugan, S; Khalid, M	Experimental and water quality analysis of solar stills with vertical and inclined fins	GROUNDWATER FOR SUSTAINABLE DEVELOPMENT	2020	10.1016/j.gsd.2020.100410	Emerging Sources Citation Index (ESCI)	WOS Proof
636	Kuniyil, M; Kumar, JVS; Adil, SF; Assal, ME; Shaik, MR; Khan, M; Al-Warthan, A; Siddiqui, MRH; Khan, A; Bilal, M; Iqbal, HMN; Al-Masry, WA	Eco-Friendly and Solvent-Less Mechanochemical Synthesis of ZrO ₂ -MnCO ₃ /N-Doped Graphene Nanocomposites: A Highly Efficacious Catalyst for Base-Free Aerobic Oxidation of Various Types of Alcohols	CATALYSTS	2020	10.3390/catal10101136	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
637	Bhave, S; Kumar, S; Singh, UK; Pandey, M; Ahmad, Z	Experimental investigation of a trench weir with T-shaped bars	JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING	2020	10.1007/s40430-020-02576-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
638	Kang, N; Deng, FR; Khan, R; Kumar, KR; Hu, K; Yu, XN; Wang, XL; Devi, NSMPL	Temporal variations of PM concentrations, and its association with AOD and meteorology observed in Nanjing during the autumn and winter seasons of 2014-2017	JOURNAL OF ATMOSPHERIC AND SOLAR-TERRESTRIAL PHYSICS	2020	10.1016/j.jastp.2020.105273	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

639	Yaragani, M; Yadlapalli, P; Raghavan, S; Ayyadurai, N; Chinnusamy, S; Mandava, VBR; Kottapalli, RP	Design and synthesis of novel tetrahydrofuran cyclic urea derivatives as androgen receptor antagonists	JOURNAL OF CHEMICAL SCIENCES	2020	10.1007/s12039-020-01833-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
640	Rathika, R; Kovendhan, M; Joseph, DP; Pachaiappan, R; Kumar, AS; Vijayarangamuthu, K; Venkateswaran, C; Asokan, K; Jeyakumar, SJ	Tailoring the properties of spray deposited V2O5 thin films using swift heavy ion beam irradiation	NUCLEAR ENGINEERING AND TECHNOLOGY	2020	10.1016/j.net.2020.04.013	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
641	Snoussi, L; Shaik, B; Herraiez, JV; Akhtar, S; Al-Arfaj, AA; Ouerfelli, N	Thermodynamic Parameters Modeling of Viscous Flow Activation in Ethylene Glycol-Water Fluid Systems	IRANIAN JOURNAL OF CHEMISTRY & CHEMICAL ENGINEERING-INTERNATIONAL ENGLISH EDITION	2020	10.30492/IJCCE.2020.34707	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
642	Singh, V; Swapna, K; Kaur, S; Rao, AS; Rao, JL	Narrow-Band UVB-Emitting Gd-Doped SrY2O4 Phosphors	JOURNAL OF ELECTRONIC MATERIALS	2020	10.1007/s11664-020-08032-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
643	Elsheikh, AH; Yu, JG; Sathyamurthy, R; Tawfik, MM; Shanmugan, S; Essa, FA	Improving the tribological properties of AISI M50 steel using Sns/Zno solid lubricants	JOURNAL OF ALLOYS AND COMPOUNDS	2020	10.1016/j.jallcom.2019.153494	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
644	Essa, F; Elsheikh, AH; Sathyamurthy, R; Manokar, AM; Kandeal, AW; Shanmugan, S; Kabeel, AE; Sharshir, SW; Panchal, H; Younes, MM	Extracting water content from the ambient air in a double-slope half-cylindrical basin solar still using silica gel under Egyptian conditions	SUSTAINABLE ENERGY TECHNOLOGIES AND ASSESSMENTS	2020	10.1016/j.seta.2020.100712	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
645	Chaubey, AK; Raj, S; Tiwari, P; Kumar, A; Chakrabarti, A; Pathak, KK	Bi-axial and shear buckling of laminated composite rhombic hypar shells	STRUCTURAL ENGINEERING AND MECHANICS	2020	10.12989/sem.2020.74.2.227	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
646	Kumar, KR; Boiyo, R; Khan, R; Kang, N; Yu, XN; Sivakumar, V; Griffith, D; Devi, NL	Multi-year analysis of aerosol optical properties and implications to radiative forcing over urban Pretoria, South Africa	THEORETICAL AND APPLIED CLIMATOLOGY	2020	10.1007/s00704-020-03183-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
647	Singh, V; Mahamuda, S; Rao, AS; Rao, JL; Irfan, M	Luminescence and EPR properties of UVB emitting Gd doped NaBaPO4 phosphor prepared by co-precipitation method	OPTIK	2020	10.1016/j.ijleo.2019.164086	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
648	Singh, V; Mahamuda, S; Rao, AS; Singh, N; Rao, JL; Irfan, M	Ultraviolet (UV)-B radiation from Gd3+ activated Li2MgSiO4 ceramics	OPTIK	2020	10.1016/j.ijleo.2020.164475	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
649	Talewar, RA; Mahamuda, S; Rao, AS; Gaikwad, VM; Belsare, PD; Moharil, SV	Broadband excited Nd3+ NIR emission in Sr5(PO4)3Cl:Eu2+, Nd3+ phosphor for solar spectral modification	JOURNAL OF LUMINESCENCE	2020	10.1016/j.jlumin.2020.117118	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
650	Singh, V; Prasad, MVVKS; Rao, AS; Rao, JL; Irfan, M	On the ultraviolet B emissions of CaLaB7O13:Gd3+ phosphor	OPTIK	2020	10.1016/j.ijleo.2020.164880	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

651	Sadasivuni, KK; Panchal, H; Awasthi, A; Israr, M; Essa, FA; Shanmugan, S; Suresh, M; Priya, V; Khechekhouche, A	Ground water treatment using solar radiation-vaporization & condensation-techniques by solar desalination system	INTERNATIONAL JOURNAL OF AMBIENT ENERGY	2020	10.1080/01430750.2020.1772872	Emerging Sources Citation Index (ESCI)	WOS Proof
652	Shanmugan, S; Essa, FA; Gorjian, S; Kabeel, AE; Sathyamurthy, R; Manokar, AM	Experimental study on single slope single basin solar still using TiO2 nano layer for natural clean water invention	JOURNAL OF ENERGY STORAGE	2020	10.1016/j.est.2020.101522	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
653	Singh, V; Mahamuda, S; Rao, AS; Rao, JL; Kokate, S; Irfan, M	Photoluminescence and EPR studies of narrowband ultraviolet B emitting trivalent gadolinium activated CaLaAl3O7 phosphors	OPTIK	2020	10.1016/j.ijleo.2019.163978	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
654	Pérez, GE; Erothu, H; Topham, PD; Bastianini, F; Alanazi, TI; Bernardo, G; Parnell, AJ; King, SM; Dunbar, ADF	Improved Performance and Stability of Organic Solar Cells by the Incorporation of a Block Copolymer Interfacial Layer	ADVANCED MATERIALS INTERFACES	2020	10.1002/admi.202000918	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
655	Shriwas, O; Priyadarshini, M; Samal, SK; Rath, R; Panda, S; Das Majumdar, SK; Muduly, DK; Botlagunta, M; Dash, R	DDX3 modulates cisplatin resistance in OSCC through ALKBH5-mediated m6A-demethylation of FOXM1 and NANOG	APOPTOSIS	2020	10.1007/s10495-020-01591-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
656	Essa, FA; Omara, ZM; Abdullah, AS; Shanmugan, S; Panchal, H; Kabeel, AE; Sathyamurthy, R; Alawee, WH; Manokar, AM; Elsheikh, AH	Wall-suspended trays inside stepped distiller with Al2O3/paraffin wax mixture and vapor suction: Experimental implementation	JOURNAL OF ENERGY STORAGE	2020	10.1016/j.est.2020.102008	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
657	Panchal, H; Sadasivuni, KK; Prajapati, C; Khalid, M; Essa, FA; Shanmugan, S; Pandya, N; Suresh, M; Israr, M; Dharaskar, S; Khechekhouche, A	Productivity enhancement of solar still with thermoelectric modules from groundwater to produce potable water: A review	GROUNDWATER FOR SUSTAINABLE DEVELOPMENT	2020	10.1016/j.gsd.2020.100429	Emerging Sources Citation Index (ESCI)	WOS Proof

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