

## Madanapalle Institute of Technology & Science, Madanapalle

### List of Publications Indexed in Web of Science from Jan 2021 to July 2021

S.No	Authors	Article Title	Source Title	Addresses	Publisher	ISSN	Publication Year	Volume	Issue
1	Anandkumar, R	Hybrid fuzzy logic and artificial Flora optimization algorithm-based two tier cluster head selection for improving energy efficiency in WSNs	PEER-TO-PEER NETWORKING AND APPLICATIONS	[Anandkumar, Ramakrishnan] Madanapalle Inst Technol & Sci, Dept Comp Sci & Engn, Madanapalle, Andhra Pradesh, India	SPRINGER	1936-6442	2021	14	4
2	Arun, I; Yuvaraj, C; Reddy, GCS; Balaji, NS	Electric discharge coating process variation and its wear properties	INTERNATIONAL JOURNAL OF SURFACE SCIENCE AND ENGINEERING	[Arun, Ilangoan; Yuvaraj, C.; Reddy, G. Chandra Sekhar; Balaji, Nara Siva] Madanapalle Inst Technol & Sci, Ctr Adv Mat Proc, Madanapalle 517325, Andhra Pradesh, India	INDERSCIENCE ENTERPRISES LTD	1749-785X	2021	15	2
3	Roy, AB; Kumar, KV; Saha, M	Light management studies by using different surface texturing for thin c-Si solar cells	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	[Roy, Arijit Bardhan; Kumar, Kalluri Vinay] Madanapalle Inst Technol & Sci, Dept Elect & Elect Engn, Madanapalle 517325, Andhra Pradesh, India;	SPRINGER HEIDELBERG	0947-8396	2021	127	2

				[Saha, Moumita] Viswam Degree & PG Coll, Dept Bot Zool & Chem, Madanapalle 517325, Andhra Pradesh, India					
4	Panigrahy, PS; Chattopadhyay, P	Tri-axial vibration based collective feature analysis for decent fault classification of VFD fed induction motor	MEASUREMENT	[Panigrahy, Parth Sarathi; Chattopadhyay, Paramita] Indian Inst Engn Sci & Technol, Dept Elect Engn, Sibpur, Howrah, India; [Panigrahy, Parth Sarathi] Madanapalle Inst Technol & Sci, Dept Elect & Elect Engn, Madanapalle, Andhra Pradesh, India	ELSEVIER SCI LTD	0263-2241	2021	168	
5	Sheikh, TA; Bora, J; Hussain, MA	Sum-Rate Improvement in Massive MIMO System with User Grouping and Selection, and Antenna Scheduling Scheme	WIRELESS PERSONAL COMMUNICATIO NS	[Sheikh, Tasher Ali] Madanapalle Inst Technol & Sci, Dept Elect & Commun Engn, Madanapalle 517325, Andhra Pradesh, India; [Bora, Joyatri; Hussain, Md. Anwar] North Eastern Reg Inst Sci & Technol, Dept Elect & Commun Engn,	SPRINGER	0929-6212			

				Nirjuli 791109, India					
6	Singh, MM; Kumar, H; Sivaiah, P	Evaluation of Mechanical Properties of Glass Fiber- BMPM/DABA -PMC Composite	TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS	[Singh, M. Muralidhar; Sivaiah, P.] Madanapalle Inst Technol & Sci, Madanapalle, India; [Kumar, Harinandan] Univ Petr & Energy Studies, Dept Petr & Earth Sci, Via Prem Nagar, Dehra Dun 248007, Uttarakhand, India	SPRINGER INDIA	0972-2815			
7	Kumar, M; Verma, VK; Singh, VR	Magnetic anisotropic of thermally evaporated FeNi thin film: A soft X-ray magnetic circular dichroism study	SURFACE AND INTERFACE ANALYSIS	[Kumar, M.; Singh, V. R.] Cent Univ South Bihar, Dept Phys, Gaya 824236, Bihar, India; [Verma, V. K.] Madanapalle Inst Technol & Sci, Dept Phys, Madanapalle, Chittoor, India	WILEY	0142-2421			
8	Al-Amin, M; Abdul- Rani, AM; Ahmed, R; Rao, TVVLN	Multiple- objective optimization of hydroxyapatit e-added EDM technique for processing of 316L-steel	MATERIALS AND MANUFACTURIN G PROCESSES	[Al-Amin, Md; Abdul-Rani, Ahmad Majdi] Univ Teknol PETRONAS, Dept Mech Engn, Bandar Seri Iskandar 32610, Perak, Malaysia; [Ahmed, Raseh]	TAYLOR & FRANCIS INC	1042-6914	2021	36	10

				Univ Teknol PETRONAS, Dept Chem Engn, Bandar Seri Iskandar, Perak, Malaysia; [Rao, T. V. V. L. N.] Madanapalle Inst Technol & Sci, Dept Mech Engn, Madanapalle, India					
9	Kale, S; Chandu, MS	Dual Metal Gate Dielectric Engineered Dopant Segregated Schottky Barrier MOSFET With Reduction in Ambipolar Current	SILICON	[Kale, Sumit] Delhi Technol Univ, Dept Elect & Commun Engn, Delhi 110042, India; [Chandu, Madduri Sai] Madanapalle Inst Technol & Sci, Dept Elect & Commun Engn, Madanapalle 517325, AP, India	SPRINGER	1876-990X			
10	Roy, C; Islam, A	Design of low power, variation tolerant single bitline 9T SRAM cell in 16-nm technology in subthreshold region	MICROELECTRO NICS RELIABILITY	[Roy, Chandramauleshw ar] Madanapalle Inst Technol & Sci, Dept Elect & Commun Engn, Madanapalle, Andhra Pradesh, India; [Islam, Aminul] Birla Inst Technol, Mesra, Jharkhand, India	PERGAMON- ELSEVIER SCIENCE LTD	0026-2714	2021	120	

11	Sivakumar, P; Akkera, HS; Reddy, TRK; Reddy, GS; Kambhala, N; Reddy, NNK	Influence of Ga doping on structural, optical and electrical properties of transparent conducting SnO <sub>2</sub> thin films	OPTIK	[Sivakumar, Peddavarapu; Akkera, Harish Sharma; Reddy, T. Ranjeth Kumar; Reddy, G. Srinivas] Presidency Univ, Dept Phys, Sch Engn, Bangalore 560064, Karnataka, India; [Kambhala, Nagaiah] Jain Deemed Univ, Sch Sci, Dept Phys, Bangalore 560011, Karnataka, India; [Reddy, N. Nanda Kumar] Madanapalle Inst Technol & Sci, Dept Phys, Madanapalle 517325, AP, India	ELSEVIER GMBH	0030-4026	2021	226	
12	Katariya, PV; Panda, SK; Mehar, K	Theoretical modelling and experimental verification of modal responses of skewed laminated sandwich structure with epoxy-filled softcore	ENGINEERING STRUCTURES	[Katariya, Pankaj, V; Panda, Subrata Kumar] Natl Inst Technol Rourkela, Dept Mech Engn, Rourkela 769008, Odisha, India; [Mehar, Kulmani] Madanapalle Inst Technol & Sci, Dept Mech Engn, Madanapalle 517325, Andhra Pradesh, India	ELSEVIER SCI LTD	0141-0296	2021	228	

13	Pradhan, BB; Roy, LP; Mahapatra, DK	Performance assessment of orthogonal space-time block codes in Nakagami-m/inverse Gaussian fading MIMO channels	IET COMMUNICATIONS	[Pradhan, Bibhuti Bhusan; Mahapatra, Dheeren Ku] Madanapalle Inst Technol & Sci, Dept Elect & Commun Engr, Madanapalle, India; [Roy, Lakshi Prosad] Natl Inst Technol, Dept Elect & Commun Engr, Rourkela, India	WILEY	1751-8628	2021	15	11
14	Murthy, KVN; Saravana, R; Kumar, GK; Kumar, KV	Modelling and forecasting for monthly surface air temperature patterns in India, 1951-2016: Structural time series approach	JOURNAL OF EARTH SYSTEM SCIENCE	[Murthy, K. V. Narasimha; Saravana, R.] Madanapalle Inst Technol & Sci, Dept Math, Madanapalle 517325, India; [Kumar, G. Kishore] Savitribai Phule Pune Univ, Dept Atmospher & Space Sci, Pune 411007, Maharashtra, India; [Kumar, K. Vijaya] SGS Arts & Sci Coll, Dept Stat, Tirupati 517501, Andhra Pradesh, India	INDIAN ACAD SCIENCES	2347-4327	2021	130	1
15	Paul, S; Pati, UC	A comprehensive review on remote	INTERNATIONAL JOURNAL OF REMOTE SENSING	[Paul, Sourabh] Madanapalle Inst Technol & Sci MITS, Dept Elect &	TAYLOR & FRANCIS LTD	0143-1161	2021	42	14

		sensing image registration		Commun Engrn, Madanapalle, India; [Paul, Sourabh; Pati, Umesh C.] Natl Inst Technol, Dept Elect & Commun Engrn, Rourkela, India					
16	Ketham, R; Althuwayb, AA; Kumar, A	Low-profile Magneto-electric Dipole Antenna	IETE JOURNAL OF RESEARCH	[Ketham, Rekha] Madanapalle Inst Technol & Sci, Madanapalle, Andhra Pradesh, India; [Althuwayb, Ayman Abdulhadi] Jouf Univ JU, Coll Engrn, Elect Engrn Dept, Sakakah, Saudi Arabia; [Kumar, Arvind] Vellore Inst Technol, Sch Elect Engrn, Vellore, Tamil Nadu, India	TAYLOR & FRANCIS LTD	0377-2063			
18	Sivalingam, V; Sun, J; Selvam, B; Zheng, PW; Zan, ZL	Investigation of Cryogenically Treated Physical Vapor Deposition TiAlN/NbN-Coated Carbide Inserts in End Milling of Hard Titanium Alloy	JOURNAL OF TESTING AND EVALUATION	[Sivalingam, Vinothkumar; Sun, Jie; Zheng, Pengwei; Zan, Zhuoliang] Shandong Univ, Sch Mech Engrn, Jinan 250061, Peoples R China; [Sivalingam, Vinothkumar; Sun, Jie; Zheng, Pengwei; Zan, Zhuoliang] Res Ctr Aeronaut	AMER SOC TESTING MATERIALS	0090-3973	2021	49	3

				Component Mfg Technol & Equipmen, Beijing, Peoples R China; [Selvam, Baskaran] Madanapalle Inst Technol & Sci, Dept Mech Engn, Angallu 517325, Andhra Pradesh, India					
19	Deshamukhya, T; Bhanja, D; Nath, S	A metaheuristic analysis of heat transfer rates through porous fins of tapered and step profiles: a comparative study	NEURAL COMPUTING & APPLICATIONS	[Deshamukhya, Tuhin] Madanapalle Inst Technol & Sci, Dept Mech Engn, Madanapalle 517325, Andhra Prades, India; [Bhanja, Dipankar; Nath, Sujit] Natl Inst Technol Silchar, Dept Mech Engn, Silchar 788010, Assam, India	SPRINGER LONDON LTD	0941-0643			
20	Ustun, TS; Farooq, SM; Hussain, SMS	Initialization Vector for application of IEC 61850-90-5 security features on R-GOOSE and R-SV messages	INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS	[Ustun, Taha Selim; Hussain, S. M. Suhail] Natl Inst Adv Ind Sci & Technol, AIST FREA, Fukushima Renewable Energy Inst, Koriyama, Fukushima 9630215, Japan; [Farooq, Shaik Mullapathi] Madanapalle Inst	ELSEVIER SCI LTD	0142-0615	2021	132	



				Technol & Sci, Dept Comp Sci & Engr, Madanapalle, India; [Hussain, S. M. Suhail] Natl Univ Singapore NUS, Dept Comp Sci, Singapore, Singapore					
21	De, S; Maity, CK; Sahoo, S; Nayak, GC	Polyindole Booster for Ti3C2Tx MXene Based Symmetric and Asymmetric Supercapacit or Devices	ACS APPLIED ENERGY MATERIALS	[De, Shrabani; Maity, Chandan Kumar; Nayak, Ganesh Chandra] Indian Inst Technol ISM, Dept Chem, Dhanbad 826004, Jharkhand, India; [Sahoo, Sumanta] Madanapalle Inst Technol & Sci, Dept Chem, Madanapalle 517325, Andhra Pradesh, India	AMER CHEMICAL SOC	2574-0962	2021	4	4
22	Chauhan, A; Naseem, S; Bahadur, J; Singh, BR; Shoeb, M; Husain, S; Khan, W	Structural and electrochemic al properties of GO/Mn3O4 nanocomposit e	JOURNAL OF MATERIALS SCIENCE- MATERIALS IN ELECTRONICS	[Chauhan, Ankul] Aligarh Muslim Univ, ZH Coll Engr & Technol, Dept Appl Phys, Aligarh 202002, India; [Naseem, Swaleha; Shoeb, Mohd.] Aligarh Muslim Univ, Interdisciplinary Nanotechnol Ctr, Aligarh 202002, India; [Bahadur,	SPRINGER	0957-4522	2021	32	3

				Jitendra] Madanapalle Inst Technol & Sci, Madanapalle 517325, India; [Singh, B. R.] Energy & Resources Inst, TERI Gram, TERI Deakin Nanobiotechnol Ctr, Gurgaon, Haryana, India; [Husain, Shahid; Khan, Wasij] Aligarh Muslim Univ, Dept Phys, Aligarh 202002, India					
23	Vivekananda, GN; Lavanya, BM; Reddy, PDK	DLM technique for QoS improvement in MANETS	WIRELESS NETWORKS	[Vivekananda, G. N.] Madanapalle Inst Technol & Sci, Dept Comp Sci & Engn, Madanapalle, Andhra Pradesh, India; [Lavanya, B. Muni] JNTUACEP, Dept Comp Sci & Engn, Pulivendula, Andhra Pradesh, India; [Reddy, P. Dileep Kumar] SV Coll Engn, Dept Comp Sci & Engn, Tirupati, Andhra Pradesh, India	SPRINGER	1022-0038	2021	27	4

24	Vattikuti, SVP; Devarayapalli, KC; Sekhar, MC; Nallabala, NKR; Dang, NN; Shim, J	Electrochemical performance of coin cell-type symmetric supercapacitor electrode consisting of three-dimensional molybdenum disulfide microflowers	MATERIALS LETTERS	[Vattikuti, S. V. Prabhakar; Devarayapalli, K. C.; Shim, Jaesool] Yeungnam Univ, Sch Mech Engn, Gyongsan 38541, South Korea; [Sekhar, M. Chandra; Nallabala, Nanda Kumar Reddy] Madanapalle Inst Technol & Sci, Dept Phys, Madanapalle 517325, India; [Nam Nguyen Dang] Duy Tan Univ, Inst Fundamental & Appl Sci, Future Mat & Devices Lab, Ho Chi Minh City 700000, Vietnam; [Nam Nguyen Dang] Duy Tan Univ, Fac Environm & Chem Engn, Da Nang 550000, Vietnam	ELSEVIER	0167-577X	2021	285	
25	Reddy, BP; Mallikarjuna, K; Kumar, M; Sekhar, MC; Suh, Y; Park, SH	Highly porous metal organic framework derived NiO hollow spheres and flowers for oxygen	CERAMICS INTERNATIONAL	[Reddy, B. Purusottam; Kumar, M.; Suh, Youngsuk; Park, Si-Hyun] Yeungnam Univ, Dept Elect Engn, 280 Daehak Ro,	ELSEVIER SCI LTD	0272-8842	2021	47	3

		evolution reaction and supercapacitors		Gyongsan, Gyeongsanbuk Do, South Korea; [Mallikarjuna, Koduru] Ton Duc Thang Univ, Dept Management Sci & Technol Dev, Ho Chi Minh City, Vietnam; [Mallikarjuna, Koduru] Ton Duc Thang Univ, Fac Appl Sci, Ho Chi Minh City, Vietnam; [Sekhar, M. Chandra] Madanapalle Inst Technol & Sci, Dept Phys, Madanapalle 517325, India					
26	Muhiuddin, G; Al-Kadi, D; Mahboob, A	More General Form of Interval-Valued Fuzzy Ideals of BCK/BCI-Algebras	SECURITY AND COMMUNICATION NETWORKS	[Muhiuddin, G.] Univ Tabuk, Dept Math, Tabuk 71491, Saudi Arabia; [Al-Kadi, D.] Taif Univ, Dept Math & Stat, Coll Sci, POB 11099, At Taif 21944, Saudi Arabia; [Mahboob, A.] Madanapalle Inst Technol & Sci, Dept Math, Madanapalle 517325, India	WILEY-HINDAWI	1939-0114	2021	2021	

27	Muhiuddin, G; Al-Kadi, D; Mahboob, A; Albjedi, A	Interval-Valued m-Polar Fuzzy Positive Implicative Ideals in BCK-Algebras	MATHEMATICAL PROBLEMS IN ENGINEERING	[Muhiuddin, G.; Albjedi, Amjad] Univ Tabuk, Dept Math, Tabuk 71491, Saudi Arabia; [Al-Kadi, D.] Taif Univ, Coll Sci, Dept Math & Stat, POB 11099, At Taif 21944, Saudi Arabia; [Mahboob, A.] Madanapalle Inst Technol & Sci, Dept Math, Madanapalle 517325, India	HINDAWI LTD	1024-123X	2021	2021	
28	Kumar, RR; Shameem, M; Kumar, C	A computational framework for ranking prediction of cloud services under fuzzy environment	ENTERPRISE INFORMATION SYSTEMS	[Kumar, Rakesh Ranjan] CV Raman Global Univ, Dept Comp Sci & Engr, Bhubaneswar, India; [Shameem, Mohammad] Madanpalle Inst Technol & Sci, Dept Comp Applicat, Madanpalle, India; [Kumar, Chiranjeev] IIT ISM, Dept Comp Sci & Engr, Dhanbad, Bihar, India	TAYLOR & FRANCIS LTD	1751-7575			

29	Mehar, K; Mishra, PK; Panda, SK	Thermal buckling strength of smart nanotube-reinforced doubly curved hybrid composite panels	COMPUTERS & MATHEMATICS WITH APPLICATIONS	[Mehar, Kulmani] Madanapalle Inst Technol & Sci, Dept Mech Engr, Madanapalle 517325, Andhra Prades, India; [Mishra, Pradeep Kumar] BPUT Rourkela, CAPGS, Dept Mech Engr, Rourkela, Odisha, India; [Panda, Subrata Kumar] Natl Inst Technol, Dept Mech Engr, Rourkela 769008, Odisha, India	PERGAMON-ELSEVIER SCIENCE LTD	0898-1221	2021	90	
30	Khan, AA; Shameem, M; Nadeem, M; Akbar, MA	Agile trends in Chinese global software development industry: Fuzzy AHP based conceptual mapping	APPLIED SOFT COMPUTING	[Khan, Arif Ali; Akbar, Muhammad Azeem] Nanjing Univ Aeronaut & Astronaut, Coll Comp Sci & Technol, Nanjing, Peoples R China; [Shameem, Mohammad] Madanapalle Inst Technol & Sci, Dept Comp Applicat, Madanapalle, Andhra Pradesh, India; [Nadeem, Mohammad] Aligarh Muslim Univ, Dept Comp	ELSEVIER	1568-4946	2021	102	

				Sci, Aligarh, Uttar Pradesh, India					
31	Al Kaisy, GMJ; Mutalib, MIA; Rao, TVVLN; Senatore, A	Tribological performance of low viscosity halogen-free ammonium based protic ionic liquids with carboxylate anions as neat lubricants	TRIBOLOGY INTERNATIONAL	[Al Kaisy, Ghassan M. J.; Mutalib, M. Ibrahim A.] Univ Teknol PETRONAS, Dept Chem Engr, Seri Iskandar 32160, Perak, Malaysia; [Rao, T. V. V. L. N.] Madanapalle Inst Technol & Sci, Dept Mech Engr, Madanapalle 517325, India; [Senatore, Adolfo] Univ Salerno, Dept Ind Engr, I-84084 Salerno, Italy	ELSEVIER SCI LTD	0301-679X	2021	160	
32	Ramteke, PM; Mehar, K; Sharma, N; Panda, SK	Numerical prediction of deflection and stress responses of functionally graded structure for grading patterns (power-law, sigmoid, and exponential) and variable porosity	SCIENTIA IRANICA	[Ramteke, P. M.; Panda, S. K.] Natl Inst Technol Rourkela, Dept Mech Engr, Rourkela 769008, Odisha, India; [Mehar, K.] Madanapalle Inst Technol & Sci, Dept Mech Engr, Madanapalle 517325, Andhra Pradesh, India; [Sharma, N.] KIIT,	SHARIF UNIV TECHNOLOGY	1026-3098	2021	28	2

		(even/uneven )		Sch Mech Engn, Bhubaneswar 751024, Odisha, India					
33	Devarajan, Y; Nagappan, B; Subbiah, G; Kariappan, E	Experimental investigation on solar-powered ejector refrigeration system integrated with different concentrators	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	[Devarajan, Yuvarajan] Madanapalle Inst Technol & Sci, Dept Mech Engn, Madanapalle 517325, India; [Nagappan, Beemkumar] Jain Deemed Univ, Fac Engn & Technol, Dept Mech Engn, Bengaluru 562112, India; [Subbiah, Ganesan] Sathyabama Inst Sci & Technol, Dept Mech Engn, Chennai, Tamil Nadu, India; [Kariappan, Elangovan] Er Perumal Manimekalai Coll Engn, Dept Mech Engn, Hosur, India	SPRINGER HEIDELBERG	0944-1344	2021	28	13



34	Kumari, P; Zzaman, M; Jena, S; Kumar, M; Bharadwaj, RR; Verma, VK; Shahid, R; Amemiya, K; Singh, VR	Electronic and Magnetic Properties of Chemical Solution Deposited BiFeO3 Thin Film: a Soft X-ray Magnetic Circular Dichroism Study	JOURNAL OF SUPERCONDUCT IVITY AND NOVEL MAGNETISM	[Kumari, P.; Zzaman, M.; Jena, S.; Kumar, M.; Bharadwaj, R. R.; Singh, V. R.] Cent Univ South Bihar, Dept Phys, Gaya 824236, India; [Zzaman, M.; Shahid, R.] Jamia Millia Islamia, Dept Phys, New Delhi 110025, India; [Verma, V. K.] Madanapalle Inst Technol & Sci, Dept Phys, Chittoor 517325, AP, India; [Amemiya, K.] High Energy Accelerator Res Org, Photon Factory, IMSS, Tsukuba, Ibaraki 3050801, Japan	SPRINGER	1557-1939	2021	34	4
35	Vattikuti, SVP; Devarayapalli, KC; Nallabala, NKR; Nguyen, TN; Dang, NN; Shim, J	Onion-Ring- like Carbon and Nitrogen from ZIF-8 on TiO2/Fe2O3 Nanostructure for Overall Electrochemic al Water Splitting	JOURNAL OF PHYSICAL CHEMISTRY LETTERS	[Vattikuti, S. V. Prabhakar; Devarayapalli, K. C.; Shim, Jaesool] Yeungnam Univ, Sch Mech Engn, Gyongsan 38541, South Korea; [Nallabala, Nanda Kumar Reddy] Madanapalle Inst Technol & Sci, Dept Phys, Madanapalle 517325, India; [Thi	AMER CHEMICAL SOC	1948-7185	2021	12	25

				Nhung Nguyen] Ho Chi Minh City Univ Technol & Educ, Thu Duc Dist, Ho Chi Minh City 01, Vietnam; [Nam Nguyen Dang] Duy Tan Univ, Inst Fundamental & Appl Sci, Future Mat & Devices Lab, Ho Chi Minh City 700000, Vietnam; [Nam Nguyen Dang] Duy Tan Univ, Fac Environm & Chem Engn, Da Nang 550000, Vietnam					
36	Jairath, K; Singh, N; Jagota, V; Shabaz, M	Compact Ultrawide Band Metamaterial-Inspired Split Ring Resonator Structure Loaded Band Notched Antenna	MATHEMATICAL PROBLEMS IN ENGINEERING	[Jairath, Kapil] IKGPTU, Dept Appl Sci, Kapurthala, Punjab, India; [Singh, Navdeep] ACET, Dept Appl Sci, Amritsar, Punjab, India; [Jagota, Vishal] Madanapalle Inst Technol & Sci, Dept Mech Engn, Madanapalle, AP, India; [Shabaz, Mohammad] Arba Minch Univ, Arba Minch, Ethiopia	HINDAWI LTD	1024-123X	2021	2021	

37	Hemanandh, J; Devarajan, Y; Mishra, R; Meenakshisundaram, N	Experimental investigation on slaughter, fish waste and poultry excrete oil as fuel blends in diesel engine	BIOMASS CONVERSION AND BIOREFINERY	[Hemanandh, J.] Sch Mech Engr, Sathyabama Inst Sci & Technol, Chennai, Tamil Nadu, India; [Devarajan, Yuvarajan] Madanapalle Inst Technol & Sci, Dept Mech Engr, Madanapalle, India; [Mishra, Ruby] KIIT Deemed Univ, Sch Mech Engr, Bhubaneswar, Odisha, India; [Meenakshisundaram, Nagaraj] Misrimal Navajee Munoth Jain Engr Coll, Dept Mech Engr, Chennai, Tamil Nadu, India	SPRINGER HEIDELBERG	2190-6815			
38	Rai, GN; Gangadharan, GR; Padmanabhan, V; Buyya, R	Web Service Interaction Modeling and Verification Using Recursive Composition Algebra	IEEE TRANSACTIONS ON SERVICES COMPUTING	[Rai, Gopal N.] Madanapalle Inst Technol & Sci, Madanapalle 517325, Andhra Pradesh, India; [Gangadharan, G. R.] IDRBT, Hyderabad 500028, Telangana, India; [Padmanabhan, Vineet] Univ Hyderabad, Hyderabad	IEEE COMPUTER SOC	1939-1374	2021	14	1

				500046, Telangana, India; [Buyya, Rajkumar] Univ Melbourne, Parkville, Vic 3010, Australia					
39	Kumar, R; Sahoo, S; Tan, WK; Kawamura, G; Matsuda, A; Kar, KK	Microwave- assisted thin reduced graphene oxide-cobalt oxide nanoparticles as hybrids for electrode materials in supercapacito r	JOURNAL OF ENERGY STORAGE	[Kumar, Rajesh; Kar, Kamal K.] Indian Inst Technol Kanpur, Dept Mech Engn, Adv Nanoengn Mat Lab, Kanpur 208016, Uttar Pradesh, India; [Sahoo, Sumanta] Madanapalle Inst Technol & Sci, Dept Chem, Madanapalle 517325, Andhra Pradesh, India; [Tan, Wai Kian] Toyohashi Univ Technol, Inst Liberal Arts & Sci, 1-1 Hibarigaoka,Tempa ku Cho, Toyohashi, Aichi 4418580, Japan; [Kawamura, Go; Matsuda, Atsunori] Toyohashi Univ Technol, Dept Elect & Elect Informat Engn, 1-1 Hibarigaoka,Tempa ku Cho, Toyohashi,	ELSEVIER	2021	40		

				Aichi 4418580, Japan; [Kar, Kamal K.] Indian Inst Technol Kanpur, Adv Nanoengn Mat Lab, Mat Sci Programme, Kanpur 208016, Uttar Pradesh, India					
40	Nasar, S; Baruch, LJ; Vijay, SJ; Srinivas, CK; Jose, J; Popov, VV	Comparative Study on H2O Steel Billets: Additive Manufacturin g vs. Powder Metallurgy	PHYSICS OF METALS AND METALLOGRAPH Y	[Nasar, S.; Srinivas, C. K.] Madanapalle Inst Technol & Sci, Madanapalle, Andhra Prades, India; [Baruch, L. J.] MVJ Coll Engn, Bangaluru, Karnataka, India; [Vijay, S. J.; Jose, J.] Karunya Inst Technol & Sci, Coimbatore, Tamil Nadu, India; [Popov, V. V.] Technion Israel Inst Technol, Israel Inst Met, R&D Fdn, IL- 3200003 Haifa, Israel	MAIK NAUKA/INTERP ERIODICA/SPRI NGER	0031-918X	2021	122	5

41	Thirugnanasambandam, K; Anitha, R; Enireddy, V; Raghav, RS; Anguraj, DK; Arivunambi, A	Pattern mining technique derived ant colony optimization for document information retrieval	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING	[Thirugnanasambandam, Kalaipriyan] Madanapalle Inst Technol & Sci, Sch Comp, Madanapalle, AP, India; [Anitha, Raju; Enireddy, Vamsidhar; Anguraj, Dinesh Kumar] Koneru Lakshmaiah Educ Fdn, Dept Comp Sci & Engr, Vaddeswaram, India; [Raghav, R. S.] SASTRA Deemed Univ, Sch Comp, Thanjavur, Tamil Nadu, India; [Arivunambi, Amirthasaravanan] Univ Coll Engr Villupuram, Villupuram, India	SPRINGER HEIDELBERG	1868-5137			
42	Patnaik, N; Panda, AK; Mohanty, PR; Pandey, R	DEC fuel cell-based universal power compensator for dual PCC system	INTERNATIONAL TRANSACTIONS ON ELECTRICAL ENERGY SYSTEMS	[Patnaik, Nishant] Anil Neerukonda Inst Technol & Sci, Visakhapatnam, Andhra Pradesh, India; [Panda, Anup Kumar] Natl Inst Technol Rourkela, Rourkela, India; [Mohanty, Pratap Ranjan] Madanapalle Inst Technol & Sci,	WILEY	2050-7038	2021	31	4

				Madanapalle, India; [Pandey, Richa] Maharaj Vijayaram Gajapathi Raj Coll Engr, Vizianagaram, India					
43	Kumar, H; Mishra, MK; Mishra, S; Singh, MM; Srivastava, DK	Determination of methane sorption capacity using microstructur al analysis in coal of Jharia Coalfield, India	ARABIAN JOURNAL OF GEOSCIENCES	[Kumar, Harinandan; Srivastava, Dilip Kumar] Univ Petr & Energy Studies, Dept Petr Engr & Earth Sci, Dehra Dun 248007, Uttarakhand, India; [Mishra, Manoj Kumar] NIT Rourkela, Dept Min Engr, Rourkela 769008, Odisha, India; [Mishra, Susmita] NIT Rourkela, Dept Chem Engr, Rourkela 769008, Odisha, India; [Singh, M. Muralidhar] Madanapalle Inst Technol & Sci, Madanapalle, Andhra Pradesh, India	SPRINGER HEIDELBERG	1866-7511	2021	14	8

44	Thirugnanasambandam, K; Sudha, SV; Saravanan, D; Ravi, RV; Anguraj, DK; Raghav, RS	Reinforced Cuckoo Search based fugitive landfill methane emission estimation	ENVIRONMENTAL TECHNOLOGY & INNOVATION	[Thirugnanasambandam, Kalaipriyan] Madanapalle Inst Technol & Sci, Sch Comp, Dept Comp Sci & Technol, Madanapalle, Andhra Prades, India; [Sudha, S. V.] Dr NGP Inst Technol, Dept Comp Sci & Engrn, Coimbatore, Tamil Nadu, India; [Saravanan, D.; Anguraj, Dinesh Kumar] Koneru Lakshmaiah Educ Fdn, Dept Comp Sci & Engrn, Guntur, Andhra Pradesh, India; [Ravi, Renjith V.] MEA Engrn Coll, Dept Elect & Commun Engrn, Pattikkad PO, Malappuram, Kerala, India; [Raghav, R. S.] SASTRA Deemed Univ, Sch Comp, Thanjavur, Tamil Nadu, India	ELSEVIER	2352-1864	2021	21	
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45	Saha, R; Hirpara, Y; Hoque, S	Sensitivity Analysis on Dielectric Modulated Ge-Source DMDG TFET Based Label-Free Biosensor	IEEE TRANSACTIONS ON NANOTECHNOLOGY	[Saha, Rajesh] Malaviya Natl Inst Technol Jaipur, Dept Elect & Commun Engr, Jaipur 302017, Rajasthan, India; [Hirpara, Yash] VIT AP Univ, Sch Elect, Amaravati 522237, India; [Hoque, Shanidul] Madanapalle Inst Technol & Sci, Dept Elect & Commun Engr, Chittoor 517325, India	IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC	1536-125X	2021	20	
46	Kumar, SAP; Suresh, A; Anand, SR; Chokkanathan, K; Vijayasathy, M	Hybridization of Mean Shift Clustering and Deep Packet Inspected Classification for Network Traffic Analysis	WIRELESS PERSONAL COMMUNICATIONS	[Kumar, Sathish A. P.] Cleveland State Univ, Dept Elect Engr & Comp Sci, Cleveland, OH 44115 USA; [Suresh, A.] SRM Inst Sci & Technol, Dept Comp Sci & Engr, Chengalpattu, Tamil Nadu, India; [Anand, S. Raj] Vemu Inst Technol, Dept CSE, Chittoor, Andhrapradesh, India; [Chokkanathan, K.] Madanapalle Inst Technol & Sci,	SPRINGER	0929-6212			

				Dept Comp Applicat, Madanapalle 517325, Andhra Pradesh, India; [Vijayasathy, M.] Indra Ganesan Coll Engn, Dept Elect & Commun Engn, Manikandam, Tamil Nadu, India					
47	Aurtherson, PB; Nalla, BT; Srinivasan, K; Mehtar, K; Devarajan, Y	Biofuel production from novel Prunus domestica kernel oil: process optimization technique	BIOMASS CONVERSION AND BIOREFINERY	[Aurtherson, P. Babu] DM I Engn Coll, Dept Mech Engn, Kanniyakumari, Tamil Nadu, India; [Nalla, Bhanu Teja] Adithya Coll Engn, Dept Mech Engn, Surampalem 533437, AP, India; [Srinivasan, Karthikeyan] Sri Sithiswarar Engn Coll, Dept Mech Engn, Vellore, Tamil Nadu, India; [Mehtar, Kulmani] Madanapalle Inst Sci & Technol, Dept Mech Engn, Chittoor, Andhra Pradesh, India; [Devarajan, Yuvarajan] SIMATS, Saveetha Sch Engn, Dept Mech Engn,	SPRINGER HEIDELBERG	2190-6815			

				Chennai, Tamil Nadu, India					
48	Nongjai, R; Samad, R; Singh, VR; Verma, VK; Kandasami, A	Magnetic and electronic structures of N implanted iron oxide thin films	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	[Nongjai, Razia; Kandasami, Asokan] Interuniv Accelerator Ctr, Mat Sci Div, Aruna Asaf Ali Marg, New Delhi 110067, India; [Samad, Rubiya] Cent Univ Kashmir, Dept Phys, Ganderbal 191201, Jammu & Kashmir, India; [Singh, V. R.] Cent Univ South Bihar, Dept Phys, Gaya 824236, Bihar, India; [Verma, V. K.] Madanapalle Inst Technol & Sci, Dept Phys, Madanapalle 517325, Andhra Pradesh, India	ELSEVIER	0304-8853	2021	527	

49	Maji, A; Deshamukhya, T; Choubey, G; Choubey, A	Performance evaluation of perforated pin fin heat sink using particle swarm optimization and MCDM techniques (May, 10.1007/s10973-021-10872-6, 2021)	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	[Maji, Ambarish] GMR Inst Technol, Dept Mech Engr, Rajam 532127, Andhra Pradesh, India; [Deshamukhya, Tuhin] Madanapalle Inst Technol & Sci, Dept Mech Engr, Madanapalle 517325, Andhra Pradesh, India; [Choubey, Gautam] Inst Infrastruct Technol Res & Management IITR, Dept Mech & Aerosp Engr, Ahmadabad 380026, Gujarat, India; [Choubey, Anupam] Indian Inst Technol Delhi, Dept Mech Engr, New Delhi 110016, India	SPRINGER	1388-6150			
50	Jena, PR; Majhi, R; Kalli, R; Managi, S; Majhi, B	Impact of COVID-19 on GDP of major economies: Application of the artificial neural network forecaster	ECONOMIC ANALYSIS AND POLICY	[Jena, Pradyot Ranjan; Majhi, Ritanjali] Natl Inst Technol Karnataka, Sch Management, Mangalore 575025, India; [Kalli, Rajesh] Madanapalle Inst Technol & Sci, Dept Management	ELSEVIER	0313-5926	2021	69	

				Studies, Madanapalle, India; [Managi, Shunsuke] Kyushu Univ, Urban Inst, Fukuoka, Japan; [Managi, Shunsuke] Kyushu Univ, Dept Civil Engn, Fukuoka, Japan; [Majhi, Babita] Cent Univ, Dept CSIT, Guru Ghasidas Vishwavidyalaya, Bilaspur, India					
51	Maji, A; Deshamukhya, T; Choubey, G; Choubey, A	Performance evaluation of perforated pin fin heat sink using particle swarm optimization and MCDM techniques	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	[Maji, Ambarish; Choubey, Anupam] GMR Inst Technol, Dept Mech Engn, Rajam 532127, Andhra Pradesh, India; [Deshamukhya, Tuhin; Choubey, Anupam] Madanapalle Inst Technol & Sci, Dept Mech Engn, Madanapalle 517325, Andhra Pradesh, India; [Choubey, Gautam; Choubey, Anupam] Inst Infrastruct Technol Res & Management IITRAM, Dept Mech & Aerosp	SPRINGER	1388-6150			

				Engr, Ahmadabad 380026, Gujarat, India; [Maji, Ambarish; Deshamukhya, Tuhin; Choubey, Gautam; Choubey, Anupam] Indian Inst Technol Delhi, Dept Mech Engr, New Delhi 110016, India					
52	Sahoo, B; Mehar, K; Sahoo, B; Sharma, N; Panda, SK	Thermal frequency analysis of FG sandwich structure under variable temperature loading	STRUCTURAL ENGINEERING AND MECHANICS	[Sahoo, Brundaban; Sahoo, Bamidev] IIIT, Dept Mech Engr, Bhubaneswar 751003, Odisha, India; [Mehar, Kulmani] Madanapalle Inst Technol & Sci, Dept Mech Engr, Madanapalle 517325, Andhra Pradesh, India; [Sharma, Nitin] KIIT, Sch Mech Engr, Bhubaneswar 751024, Odisha, India; [Panda, Subrata Kumar] NIT, Dept Mech Engr, Rourkela 769008, Odisha, India	TECHNO- PRESS	1225-4568	2021	77	1

53	Anguraj, DK; Thirugnanasamb ndam, K; Raghav, RS; Sudha, SV; Saravanan, D	Enriched cluster head selection using augmented bifold cuckoo search algorithm for edge-based internet of medical things	INTERNATIONAL JOURNAL OF COMMUNICATIO N SYSTEMS	[Anguraj, Dinesh Kumar] Koneru Lakshmaiah Educ Fdn, Dept Comp Sci & Engn, Vaddeswaram, India; [Thirugnanasamba ndam, Kalaipriyan] Madanapalle Inst Technol & Sci, Sch Comp, Madanapalle, Andhra Pradesh, India; [Raghav, R. S.] SASTRA Deemed Univ, Sch Comp, Thanjavur, India; [Sudha, S. V.] Dr NGP Inst Technol, Dept Comp Sci & Engn, Coimbatore, Tamil Nadu, India; [Saravanan, D.] VIT Bhopal Univ, Dept Comp Sci Engn, Sehore, Madhya Pradesh, India	WILEY	1074-5351	2021	34	9
54	Saravanan, D; Rajakumar, R; Sreedevi, M; Dinesh, K; Sudha, SV; Anguraj, DK; Mubarakali, A	Multi- objective swarm-based model for deploying virtual machines on cloud physical servers	DISTRIBUTED AND PARALLEL DATABASES	[Saravanan, D.] VIT Bhopal Univ, Dept Comp Sci Engn, Sehore, Madhya Pradesh, India; [Rajakumar, R.; Sreedevi, M.; Dinesh, K.] Madanapalle Inst	SPRINGER	0926-8782			

				Technol & Sci, Sch Comp, Dept Comp Sci & Technol, Madanapalle, Andhra Pradesh, India; [Sudha, S. V.] Dr NGP Inst Technol, Dept Comp Sci & Engn, Coimbatore, Tamil Nadu, India; [Anguraj, Dinesh Kumar] Koneru Lakshmaiah Educ Fdn, Dept Comp Sci & Engn, Vaddeswaram, Andhra Pradesh, India; [Mubarakali, Azath] King Khalid Univ, Coll Comp Sci, Abha, Saudi Arabia					
55	Kumar, BP; Pillai, DS; Rajasekar, N; Chakkarapani, M; Ilango, GS	Identification and Localization of Array Faults With Optimized Placement of Voltage Sensors in a PV System	IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS	[Kumar, B. Pradeep; Ilango, G. Saravana] Natl Inst Technol, Dept Elect & Elect Engn, Tiruchirappalli 620015, Tamil Nadu, India; [Pillai, Dhanup S.] Nanyang Technol Univ, Sch Elect & Elect Engn, Singapore 639798, Singapore; [Rajasekar, N.] Vellore Inst	IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC	0278-0046	2021	68	7



				Technol, Sch Elect Engn, Dept Energy & Power Elect, Solar Energy Res Cell, Vellore 632014, Tamil Nadu, India; [Chakkarapani, Manickam] Madanapalle Inst Technol & Sci, Dept Elect & Elect Engn, Madanapalle 517325, India					
56	Dhasarathan, C; Kumar, M; Srivastava, AK; Al-Turjman, F; Shankar, A; Kumar, M	A bio-inspired privacy-preserving framework for healthcare systems	JOURNAL OF SUPERCOMPUTING	[Dhasarathan, Chandramohan] Madanapalle Inst Technol & Sci, Dept Comp Sci & Engn, Madanapalle, India; [Kumar, Manish] Vellore Inst Technol, Sch Comp Sci & Engn, Chennai, Tamil Nadu, India; [Srivastava, Atul Kumar] Amity Univ, Dept IT & Engn, Tashkent, India; [Al-Turjman, Fadi] Near East Univ, Dept Artificial Intelligence Engn, Res Ctr AI & IoT, Mersin 10, Nicosia, Turkey; [Shankar, Achyut] Amity Univ,	SPRINGER	0920-8542			

				Dept Comp Sci & Engr, Noida, Uttar Pradesh, India; [Kumar, Manoj] UPES, Dept Comp Sci & Engr, Dehra Dun, Uttarakhand, India					
57	Devi, N; Sahoo, S; Kumar, R; Singh, RK	A review of the microwave-assisted synthesis of carbon nanomaterials , metal oxides/hydroxides and their composites for energy storage applications	NANOSCALE	[Devi, Nitika; Singh, Rajesh Kumar] Cent Univ Himachal Pradesh CUHP, Sch Phys & Mat Sci, Kangra 176215, HP, India; [Devi, Nitika] Shoolini Univ, Sch Phys & Mat Sci, Solan 173229, Himachal Pradesh, India; [Sahoo, Sumanta] Madanapalle Inst Technol & Sci, Dept Chem, Madanapalle 517325, Andhra Pradesh, India; [Kumar, Rajesh] Indian Inst Technol Kanpur, Dept Mech Engr, Adv Nanoengn Mat Lab, Kanpur 208016, Uttar Pradesh, India	ROYAL SOC CHEMISTRY	2040-3364	2021	13	27

58	Han, MF; Zhang, FL; Ning, N; Zhou, JW; Shanthini, A; Vivekananda, GN	FPLP3D: Security robot for face recognition in the workplace environment using face pose detection assisted controlled FACE plus tool position: A three-dimensional robot	WORK-A JOURNAL OF PREVENTION ASSESSMENT & REHABILITATION	[Han, Meifeng] Dalian Univ Sci & Technol, Dept Teacher Dev, Dalian 116052, Peoples R China; [Zhang, Fuli] Dalian Univ Sci & Technol, Dalian, Peoples R China; [Ning, Ning] Shenzhen Yuejiang Technol Co Ltd, Dept Appl Technol, Shenzhen, Peoples R China; [Zhou, Junwei] Tianjin Polytech Univ, Dept Phys Educ, Tianjin, Peoples R China; [Shanthini, A.] SRM Inst Sci & Technol, Chennai, Tamil Nadu, India; [Vivekananda, G. N.] Madanapalle Inst Technol & Sci, Dept Comp Sci & Engr, Madanapalle, India	IOS PRESS	1051-9815	2021	68	3
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59	Kumar, R; Sahoo, S; Joanni, E; Singh, RK; Tan, WK; Kar, KK; Matsuda, A	Recent progress on carbon-based composite materials for microwave electromagnetic interference shielding	CARBON	[Kumar, Rajesh; Kar, Kamal K.] Indian Inst Technol Kanpur, Dept Mech Engn, Adv Nanoengn Mat Lab, Kanpur 208016, Uttar Pradesh, India; [Kumar, Rajesh; Matsuda, Atsunori] Toyohashi Univ Technol, Dept Elect & Elect Informat Engn, 1-1 Hibarigaoka, Tempaku Cho, Toyohashi, Aichi 4418580, Japan; [Sahoo, Sumanta] Madanapalle Inst Technol & Sci, Dept Chem, Madanapalle 517325, Andhra Pradesh, India; [Joanni, Ednan] Ctr Informat Technol Renato Archer CTI, BR-13069901 Campinas, SP, Brazil; [Singh, Rajesh K.] Cent Univ Himachal Pradesh CUHP, Sch Phys & Mat Sci, Dharamshala 176215, HP, India; [Tan, Wai Kian]	PERGAMON-ELSEVIER SCIENCE LTD	0008-6223	2021	177	
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				Toyohashi Univ Technol, Inst Liberal Arts & Sci, 1-1 Hibarigaoka, Tempaku Cho, Toyohashi, Aichi 4418580, Japan; [Kar, Kamal K.] Indian Inst Technol Kanpur, Adv Nanoengn Mat Lab, Mat Sci Programme, Kanpur 208016, Uttar Pradesh, India					
60	Rathanasamy, R; Sahoo, S; Lee, JH; Das, AK; Somasundaram, M; Palaniappan, SK; Sivaraj, S	Carbon-based Multi-layered Films for Electronic Application: A Review	JOURNAL OF ELECTRONIC MATERIALS	[Rathanasamy, Rajasekar; Sivaraj, Santhosh] Kongu Engn Coll, Dept Mech Engn, Erode, Tamil Nadu, India; [Sahoo, Sumanta; Das, Ashok Kumar] Madanapalle Inst Technol & Sci, Dept Chem, Madanapalle, Andhra Pradesh, India; [Lee, Joong Hee] Chonbuk Natl Univ, BIN Convergence Technol, Jeonju, South Korea; [Somasundaram, Mahalakshmi] Kongu Polytech Coll, Dept	SPRINGER	0361-5235	2021	50	4

				Mechatron Engr, Erode, Tamil Nadu, India; [Palaniappan, Sathish Kumar] Indian Inst Technol Kharagpur, Dept Min Engr, Kharagpur, W Bengal, India					
61	Sahoo, PR; Patel, A; Ghosh, S; Naskar, AK	Selection of overlapping interactions through approximate decentralised fixed mode measure	INTERNATIONAL JOURNAL OF SYSTEMS SCIENCE	[Sahoo, Pradosh Ranjan] Madanapalle Inst Technol & Sci, Dept Elect & Commun Engr, Madanapalle, India; [Patel, Abhilash] Indian Inst Technol Delhi, Dept Elect Engr, New Delhi, India; [Ghosh, Sandip] Indian Inst Technol BHU Varanasi, Dept Elect Engr, Varanasi 221005, Uttar Pradesh, India; [Naskar, Asim K.] Natl Inst Technol Rourkela, Dept Elect Engr, Rourkela, India	TAYLOR & FRANCIS LTD	0020-7721	2021	52	9

62	Devarajan, Y; Nagappan, B; Choubey, G; Vellaiyan, S; Mehar, K	Renewable Pathway and Twin Fueling Approach on Ignition Analysis of a Dual-Fuelled Compression Ignition Engine	ENERGY & FUELS	[Vellaiyan, Suresh] CK Coll Engn & Technol, Dept Mech Engn, Cuddalore 607003, Tamil Nadu, India; [Mehar, Kulmani] Madanapalle Inst Technol & Sci, Dept Mech Engn, Madanapalle 517325, India; [Devarajan, Yuvarajan] SIMATS, Saveetha Sch Engn, Dept Automobile Engn, Chennai 602105, Tamil Nadu, India; [Nagappan, Beemkumar] Jain Univ, Fac Engn & Technol, Dept Mech Engn, Bengaluru 562112, India; [Choubey, Gautam] Inst Infrastruct Technol Res & Management IITRAM, Dept Mech & Aerosp Engn, Ahmadabad 380026, Gujarat, India	AMER CHEMICAL SOC	0887-0624	2021	35	12
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63	Manjunath, V; Nallabala, NKR; Yuvaraj, C; Kukkambakam, C; Kummara, VK; Kumar, S; Sharma, S; Lakshmaiah, MV; Reddy, VRM	Statistical analysis of current- voltage characteristic s in Au/Ta2O5/n- GaN Schottky barrier heterojunction using different methods	APPLIED PHYSICS A- MATERIALS SCIENCE & PROCESSING	[Manjunath, V.] Sri Padmavati Mahila Visvavidyalayam, Dept Phys, Tirupati 517502, Andhra Pradesh, India; [Nallabala, Nanda Kumar Reddy] Madanapalle Inst Technol & Sci, Dept Phys, Madanapalle 517325, Andhra Pradesh, India; [Yuvaraj, C.] Madanapalle Inst Technol & Sci, Dept Mech Engn, Madanapalle 517325, Andhra Pradesh, India; [Kukkambakam, Chandramohan] Madanapalle Inst Technol & Sci, Dept Chem, Madanapalle 517325, Andhra Pradesh, India; [Kummara, Venkata Krishnaiah] Rajeev Gandhi Mem Coll Engn & Technol, Dept Phys, Nandyal 518501, Andhra Pradesh, India; [Kumar, Suresh; Sharma,	SPRINGER HEIDELBERG	0947-8396	2021	127	1
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				Shivani] Kurukshetra Univ, Dept Elect Sci, Kurukshetra 136119, Haryana, India; [Lakshmaiah, M. V.] Sri Krishnadevaraya Univ, Dept Phys, Anantapur, Andhra Pradesh, India; [Reddy, Vasudeva Reddy Minnam] Yeungnam Univ, Sch Chem Engr, Gyongsan 38541, South Korea					
64	Rajeswari, M; Thirugnanasamba ndam, K; Raghav, RS; Prabu, U; Saravanan, D; Anguraj, DK	Flower Pollination Algorithm with Powell's Method for the Minimum Energy Broadcast Problem in Wireless Sensor Network	WIRELESS PERSONAL COMMUNICATIO NS	[Rajeswari, M.] Sri Manakula Vinayagar Engr Coll, Pondicherry, India; [Thirugnanasamba ndam, Kalaipriyan] Madanapalle Inst Technol & Sci, Sch Comp, Dept Comp Sci & Technol, Madanapalle, Andhra Prades, India; [Raghav, R. S.] SASTRA Deemed Univ, Sch Comp, Thanjavur, Tamil Nadu, India; [Prabu, U.] Velagapudi Ramakrishna Siddhartha Engr	SPRINGER	0929-6212	2021	119	2

				Coll, Dept CSE, Vijayawada, India; [Saravanan, Devaraj] VIT Bhopal Univ, Dept Comp Sci Engn, Sehore, Madhya Pradesh, India; [Anguraj, Dinesh Kumar] Koneru Lakshmaiah Educ Fdn, Dept Comp Sci & Engn, Guntur, Andhra Pradesh, India					
65	Rajakumar, R; Sekaran, K; Hsu, CH; Kadry, S	Accelerated grey wolf optimization for global optimization problems	TECHNOLOGICAL FORECASTING AND SOCIAL CHANGE	[Rajakumar, R.] Madanapalle Inst Technol & Sci, Dept CST, Madanapalle, India; [Sekaran, Kaushik] Jain Univ, Sch Comp Sci & Engn, Bengaluru, India; [Hsu, Ching-Hsien] Foshan Univ, Sch Math & Big Data, Foshan 528000, Peoples R China; [Hsu, Ching-Hsien] Asia Univ, Dept Comp Sci & Informat Engn, Taichung, Taiwan; [Hsu, Ching-Hsien] China Med Univ, China Med Univ Hosp, Dept Med Res, Taichung,	ELSEVIER SCIENCE INC	0040-1625	2021	169	

				Taiwan; [Kadry, Seifedine] Noroff Univ Coll, Kristiansand, Norway					
66	Nallabala, NKR; Godavarthi, S; Kummara, VK; Kesarla, MK; Yuvaraj, C; Kumar, S; Ravi, N; Guntupalli, GK; Jilani, SAK; Vattikuti, SVP	High performance, self-powered and thermally stable 200-750 nm spectral responsive gallium nitride (GaN) based broadband photodetectors	SOLAR ENERGY MATERIALS AND SOLAR CELLS	[Nallabala, Nanda Kumar Reddy] Madanapalle Inst Technol & Sci, Dept Phys, Madanapalle 517325, Andhra Pradesh, India; [Godavarthi, Srinivas] Univ Juarez Autonoma Tabasco, Ctr Invest Ciencia & Tecnol Aplicada Tabasco CICT, CONACYT, Cunduacan 86690, Mexico; [Kummara, Venkata Krishnaiah; Ravi, N.] Rajeev Gandhi Mem Coll Engn & Technol, Dept Phys, Nandyal 518501, Andhra Pradesh, India; [Kesarla, Mohan Kumar] Univ Nacl Autonoma Mexico, Inst Ciencias Fis, Cuernavaca 62210, Morelos, Mexico;	ELSEVIER	0927-0248	2021	225	

			<p>[Yuvaraj, C.] Madanapalle Inst Technol &amp; Sci, Dept Mech Engr, Madanapalle 517325, Chittoor, India; [Kumar, Suresh] Kurukshetra Univ, Dept Elect Sci, Kurukshetra 136119, Haryana, India; [Guntupalli, Gopi Krishna] IISER Berhampur, Berhampur 760010, Odisha, India; [Jilani, S. A. K.] Madanapalle Inst Technol &amp; Sci, Dept Elect &amp; Commun Engr, Madanapalle 517325, Andhra Pradesh, India; [Vattikuti, S. V. Prabhakar] Yeungnam Univ, Sch Mech Engr, Gyongsan 38541, South Korea</p>				
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67	Ravi, N; Neelima, G; Nallabala, NKR; Kummara, VK; Ravanamma, R; Reddy, VJ; Prasanth, M; Suresh, K; Babu, P; Venkatramu, V	Role of excitation wavelength and dopant concentration on white light tunability of dysprosium doped titania-fluorophosphate glasses	OPTICAL MATERIALS	[Ravi, N.; Neelima, G.; Ravanamma, R.; Suresh, K.] Rajeev Gandhi Mem Coll Engn & Technol, Dept Phys, Nandyal 518501, India; [Neelima, G.; Ravanamma, R.; Reddy, V. John; Prasanth, M.] JNT Univ, Dept Phys, Anantapuramu 515002, India; [Nallabala, Nanda Kumar Reddy] Madanapalle Inst Technol & Sci, Dept Phys, Madanapalle 517325, India; [Kummara, Venkata Krishnaiah] Ton Duc Thang Univ, Laser Applicat Res Grp, Ho Chi Minh City, Vietnam; [Kummara, Venkata Krishnaiah] Ton Duc Thang Univ, Fac Sci Appl, Ho Chi Minh City, Vietnam; [Prasanth, M.] JNTUACE, Dept Phys, Kalikiri	ELSEVIER	0925-3467	2021	111	
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			517234, India; [Babu, P.] SVCR Govt Degree Coll, Dept Phys, Palamaner 517408, India; [Venkatramu, V.] Yogi Vemana Univ, Dept Phys, Kadapa 516005, India; [Venkatramu, V.] Krishna Univ, Dr MRAR PG Ctr, Dept Phys, Nuzvid 521201, India; [Reddy, V. John] Nalla Narasimha Reddy Educ Soc Grp Inst, Dept H&S Phys, Hyderabad, India				
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