

PSG Institute of Technology and Applied Research

Publications (Jan 2021 to Nov 2021)

#	Authors	Title	Source title	Publisher	DOI	Document Type	Scopus ID
1	Gunasekaran S., Marnadu R., Thangaraju D., Chandrasekaran J., Hegazy H.H., Somaily H.H., Durairajan A., Valente M.A., Elango M., Minnam Reddy V.R.	Development of n-MoO ₃ @MoS ₂ /p-Si heterostructure diode using pre-synthesized core@shell nanocomposite for efficient light harvesting detector application	Materials Science in Semiconductor Processing	Elsevier Ltd	10.1016/j.mssp.2021.106097	Article	2-s2.0-85111010503
2	Tony Dhiwaha A., Maruthamuthu S., Chandekar K.V., Hamdy M.S., Shkir M., Sundararajan M., Sakthivel P.	Facile synthesis of Cu _{1-x} CoxFe ₂ O ₄ (0 ≤ x ≤ 0.5) nanoparticles with enhanced magnetic and photocatalytic performances for organic dye degradation	Advanced Powder Technology	Elsevier B.V.	10.1016/j.appt.2021.09.006	Article	2-s2.0-85115060312
3	Abhiram N., Thangaraju D., Marnadu R., Johnsy Arputhavalli G., Gunasekaran S., Vetrivelan P., Latha Devi N.S.M.P., Shkir M., Algarni H.	Structural, vibrational, morphological, optical and electrical properties of NiS and fabrication of SnS/NiS nanocomposite for photodetector applications	Inorganic Chemistry Communications	Elsevier B.V.	10.1016/j.inoche.2021.108882	Article	2-s2.0-85114780966
4	Devasena M., Nambi I.M.	Potential leaching of mercury from stable mercury sulphide	International Journal of Environmental Science and Technology	Springer Science and Business Media Deutschland GmbH	10.1007/s13762-020-03064-6	Article	2-s2.0-85106000479
5	Janarthanan B., Thirunavukkarasu C., Maruthamuthu S., Manthrammel M.A., Shkir M., AlFaify S., Selvakumar M., Reddy V.R.M., Park C.	Basic deposition methods of thin films**	Journal of Molecular Structure	Elsevier B.V.	10.1016/j.molstruc.2021.130606	Review	2-s2.0-85107752344
6	Ramakrishnan S.G., Robert B., Salim A., Ananthan P., Sivaramakrishnan M., Subramaniam S., Natesan S., Suresh R., Rajeshkumar G., Maran J. P., Al-Dhabi N.A., Karuppiah P., Valan Arasu M.	Nanotechnology based solutions to combat zoonotic viruses with special attention to SARS, MERS, and COVID 19: Detection, protection and medication	Microbial Pathogenesis	Academic Press	10.1016/j.micpath.2021.105133	Review	2-s2.0-85112506358
7	Thilagavathi T., Venugopal D., Thangaraju D., Marnadu R., Palanivel B., Imran M., Shkir M., Ubaidullah M., AlFaify S.	A facile co-precipitation synthesis of novel WO ₃ /NiWO ₄ nanocomposite with improved photocatalytic activity	Materials Science in Semiconductor Processing	Elsevier Ltd	10.1016/j.mssp.2021.105970	Article	2-s2.0-85108150147

8	Jeyakumar P., Malar E., Niveda S., Muthuchidambaranathan P.	Optimal Microwave Wireless Backhaul Link Design Using a Massive MIMO for 5G HetNet-Practical Deployment Scenario	Wireless Personal Communications	Springer	10.1007/s11277-021-08543-8	Article	2-s2.0-85107055073
9	Jeyakumar P., Malar E., Idnani N., Muthuchidambaranathan P.	Large Antenna Array with Hybrid Beamforming System for 5G Outdoor Mobile Broadband Communication Deployments	Wireless Personal Communications	Springer	10.1007/s11277-021-08457-5	Article	2-s2.0-85103579678
10	Zhang Y., Yang W., Zhang K., Kumaravel A., Zhang Y.	Sulfite Activation by Glucose-Derived Carbon Catalysts for As(III) Oxidation: The Role of Ketonic Functional Groups and Conductivity	Environmental Science and Technology	American Chemical Society	10.1021/acs.est.1c02499	Article	2-s2.0-85113700996
11	Selvi C.T., Sankarasubramanian R.S., Prakash P.G., Kumar R.N., Mohan K. C.	Deep Convolution Neural Network and Random Forest Algorithm for BCI based Photo Imagery Learning	Proceedings of the 3rd International Conference on Inventive Research in Computing Applications, ICIRCA 2021	Institute of Electrical and Electronics Engineers Inc.	10.1109/ICIRCA51532.2021.9544857	Conference Paper	2-s2.0-85116912514
12	Grace R.K., Manimegalai R.	Design of neural network based wind speed prediction model using GWO	Computer Systems Science and Engineering	Tech Science Press	10.32604/CSSE.2022.019240	Article	2-s2.0-85116050720
13	Dezotti R.S., Furtado L.M., Yee M., Valera T.S., Balaji K., Ando R.A., Petri D.F.S.	Tuning the mechanical and thermal properties of hydroxypropyl methylcellulose cryogels with the aid of surfactants	Gels	MDPI AG	10.3390/gels7030118	Article	2-s2.0-85113801528
14	Veeman D., Sai M.S., Rajkumar V., Ravichandran M., Manivannan S.	Graphene for Thermal Storage Applications: Characterization, Simulation and Modelling	Journal of Electronic Materials	Springer	10.1007/s11664-021-09079-0	Article	2-s2.0-85110100562
15	Rengaswamy K., Asapu V.K., Muthukaruppan A., Sakthivel D.K., Venkatachalam S., Kannaiyan D.	Enhanced shielding of electromagnetic radiations with flexible, light-weight, and conductive Ag-Cu/MWCNT/rGO architected PVDF nanocomposite films	Polymers for Advanced Technologies	John Wiley and Sons Ltd	10.1002/pat.5395	Article	2-s2.0-85106256957
16	Rajeshkumar G., Arvinth Seshadri S., Devnani G.L., Sanjay M.R., Siengchin S., Prakash Maran J., Al-Dhabi N.A., Karuppiyah P., Mariadhas V.A., Sivarajasekar N., Ronaldo Anuf A.	Environment friendly, renewable and sustainable poly lactic acid (PLA) based natural fiber reinforced composites – A comprehensive review	Journal of Cleaner Production	Elsevier Ltd	10.1016/j.jclepro.2021.127483	Review	2-s2.0-85106906335
17	Thirunavukkarasu G.S., Seyedmahmoudian M., Chandran J., Stojcevski A., Subramanian M., Marnadu R., Alfaify S., Shkir M.	Optimization of mono-crystalline silicon solar cell devices using pc1d simulation	Energies	MDPI AG	10.3390/en14164986	Article	2-s2.0-85112702369

18	Rajeshkumar G., Seshadri S.A., Ramakrishnan S., Sanjay M.R., Siengchin S., Nagaraja K.C.	A comprehensive review on natural fiber/nano-clay reinforced hybrid polymeric composites: Materials and technologies	Polymer Composites	John Wiley and Sons Inc	10.1002/pc.26110	Review	2-s2.0-85105620392
19	Rajeshkumar G., Hariharan V., Devnani G.L., Prakash Maran J., Sanjay M.R., Siengchin S., Al-Dhabi N.A., Ponmurugan K.	Cellulose fiber from date palm petioles as potential reinforcement for polymer composites: Physicochemical and structural properties	Polymer Composites	John Wiley and Sons Inc	10.1002/pc.26106	Article	2-s2.0-85105580482
20	Jayasanthi M., Kalaivani R.	Low-power DSSS transmitter and its VLSI implementation	Annales des Telecommunications/Annals of Telecommunications	Springer Science and Business Media Deutschland GmbH	10.1007/s12243-021-00837-z	Article	2-s2.0-85103219299
21	Abhiram N., Thangaraju D., Marnadu R., Gunasekaran S., Santhana V., Chandrasekaran J., Devi N.S.M.P.L., Shkir M., AlFaify S.	Development of morphology tuned SnS hierarchical structures for enhanced photosensitive photodiode fabrication	Inorganic Chemistry Communications	Elsevier B.V.	10.1016/j.inoche.2021.108623	Article	2-s2.0-85112488789
22	Karthik Kannan S., Thirunavukkarasu P., Marnadu R., Chandrasekaran J., Maruthamuthu S., Ali A.M., Shkir M.	Facile Synthesis of Indium Doped Tin Oxide (ITO) Nanoparticles and Development of a p-Si/n-ITO Photodiode for Optoelectronic Applications	Journal of Electronic Materials	Springer	10.1007/s11664-021-08905-9	Article	2-s2.0-85104952417
23	Sumesh K.R., Kavimani V., Rajeshkumar G., Indran S., Saikrishnan G.	Effect of banana, pineapple and coir fly ash filled with hybrid fiber epoxy based composites for mechanical and morphological study	Journal of Material Cycles and Waste Management	Springer Japan	10.1007/s10163-021-01196-6	Article	2-s2.0-85103404392
24	Thilagavathi T., Venugopal D., Marnadu R., Chandrasekaran J., Thangaraju D., Palanivel B., Hamdy M.S., Shkir M., Ali H.E.	WO ₃ /CoWO ₄ nanocomposite synthesis using a facile co-precipitation method for enhanced photocatalytic applications	Journal of Physics and Chemistry of Solids	Elsevier Ltd	10.1016/j.jpics.2021.110066	Article	2-s2.0-85103328510
25	Parvathy Thampi M.S., Mohamed Iqbal M., Mohanty S.	IoT based Smart Load Management	Proceedings - 2021 International Conference on Design Innovations for 3Cs Compute Communicate Control, ICDI3C 2021	Institute of Electrical and Electronics Engineers Inc.	10.1109/ICDI3C53598.2021.00032	Conference Paper	2-s2.0-85116592295
26	Mohanty S., Mohamed Iqbal M., Parvathy Thampi M.S.	Controlling and Monitoring of Power Theft using Internet of Things	Proceedings - 2021 International Conference on Design Innovations for 3Cs Compute Communicate Control, ICDI3C 2021	Institute of Electrical and Electronics Engineers Inc.	10.1109/ICDI3C53598.2021.00031	Conference Paper	2-s2.0-85116562583
27	Arthanareeswaran J., Karunanidhi B., Muruganantham S., Dhamodharan A., Swarnamma S.K. C.	Automatic vehicle accident indication and reporting system for road ways using Internet of Things	International Journal of Safety and Security Engineering	International Information and Engineering Technology Association	10.18280/ijssse.110307	Article	2-s2.0-85111730476

28	Rajeshkumar G., Devnani G.L., Maran J.P., Sanjay M.R., Siengchin S., Al-Dhabi N.A., Pommurugan K.	Characterization of novel natural cellulosic fibers from purple bauhinia for potential reinforcement in polymer composites	Cellulose	Springer Science and Business Media B.V.	10.1007/s10570-021-03919-2	Article	2-s2.0-85105943212
29	Suganya B., Maruthamuthu S., Chandrasekaran J., Saravanakumar B., Vijayakumar E., Marnadu R., Ali H.E., Nguyen T.D.	Nitrogen doped 2D graphene/Zn3V2O8 nanocomposite with enhanced supercapacitive features	Surfaces and Interfaces	Elsevier B.V.	10.1016/j.surfin.2021.101129	Article	2-s2.0-85104645760
30	Singhal H.R., Prabhu A., Giri Nandagopal M.S., Dheivasigamani T., Mani N.K.	One-dollar microfluidic paper-based analytical devices: Do-It-Yourself approaches	Microchemical Journal	Elsevier Inc.	10.1016/j.microc.2021.106126	Review	2-s2.0-85102477916
31	Sreenivasulu G., Paramasivam I.	Hybrid optimization algorithm for task scheduling and virtual machine allocation in cloud computing	Evolutionary Intelligence	Springer Science and Business Media Deutschland GmbH	10.1007/s12065-020-00517-2	Article	2-s2.0-85094824636
32	Mohan P., Paramasivam I.	Feature reduction using SVM-RFE technique to detect autism spectrum disorder	Evolutionary Intelligence	Springer Science and Business Media Deutschland GmbH	10.1007/s12065-020-00498-2	Article	2-s2.0-85092471254
33	Shaik Mohammed Penukonda Q., Paramasivam I.	Design and analysis of behaviour based DDoS detection algorithm for data centres in cloud	Evolutionary Intelligence	Springer Science and Business Media Deutschland GmbH	10.1007/s12065-019-00244-3	Article	2-s2.0-85066890514
34	Kala I., Karthik S., Srihari K.	Advanced hybrid secure multipath optimized routing in Internet of Things (IoT)-based WSN	International Journal of Communication Systems	John Wiley and Sons Ltd	10.1002/dac.4782	Article	2-s2.0-85102641424
35	Duraisamy E., Prabunathan P., Mani G., Alshgari R.A., Elumalai P.	Metal complex-derived ZnO-implanted carbon slabs as anode material for lithium-ion and sodium-ion batteries	Materials Chemistry Frontiers	Royal Society of Chemistry	10.1039/d0qm01031f	Article	2-s2.0-85105547606
36	Thiyagarajan T., Deivasigamani V., Raj M., Joseph C., Dheivasigamani T., Palanivel B., Hamdy M.S., Shkir M.	Facile synthesis and characterization of WO3/CuWO4 nanocomposites for the removal of toxic methylene blue dye	Korean Journal of Chemical Engineering	Springer	10.1007/s11814-021-0756-x	Article	2-s2.0-85104872546
37	Selvaraj V., Raghavarshini T.R., Alagar M.	Design and development of bio-carbon reinforced hetero structured biophenolics polybenzoxazine-epoxy hybrid composites for high performance applications	Journal of Polymer Research	Springer Science and Business Media B.V.	10.1007/s10965-020-02338-4	Article	2-s2.0-85104522548
38	Arun Kumar G., Chandramohan A., Gomathi Priya P., Alagar M.	Studies on photophysical and electrochemical properties of triphenylamine α , β -unsaturated ketone side-arm PAE CPs	Journal of Materials Science: Materials in Electronics	Springer	10.1007/s10854-021-05505-5	Article	2-s2.0-85104086057

39	Arumugam V., Kanthapazham R., Zherebtsov D.A., Kalimuthu K., Pichaimani P., Muthukaruppan A.	Fluorine free TiO ₂ /cyanate ester coated cotton fabric with low surface free energy and rough surface for durable oil-water separation	Cellulose	Springer Science and Business Media B.V.	10.1007/s10570-021-03822-w	Article	2-s2.0-85103182574
40	Duraisamy E., Sujithkrishnan E., Kannadasan K., Prabunathan P., Elumalai P.	Facile metal complex-derived Ni/NiO/Carbon composite as anode material for Lithium-ion battery	Journal of Electroanalytical Chemistry	Elsevier B.V.	10.1016/j.jelechem.2021.115168	Article	2-s2.0-85103694660
41	Arumugam H., Mohamed Ismail A. A., Govindraj L., Muthukaruppan A.	Development of bio-based benzoxazines coated melamine foam for oil-water separation	Progress in Organic Coatings	Elsevier B.V.	10.1016/j.porgcoat.2020.106128	Article	2-s2.0-85100198618
42	Ramakrishnan S., Krishnamurthy K., Rajeshkumar G., Asim M.	Dynamic Mechanical Properties and Free Vibration Characteristics of Surface Modified Jute Fiber/Nano-Clay Reinforced Epoxy Composites	Journal of Polymers and the Environment	Springer	10.1007/s10924-020-01945-y	Article	2-s2.0-85094193308
43	Kurinchyselvan S., Chandramohan A., Hariharan A., Gomathipriya P., Alagar M.	Mesoporous silica MCM-41-reinforced cardanol-based benzoxazine nanocomposites for low-k applications	Polymer Bulletin	Springer Science and Business Media Deutschland GmbH	10.1007/s00289-020-03198-0	Article	2-s2.0-85083829776
44	Nethra Devi T., Raghuram T.R.	Investigating semiconductor device characterization in educational labs	International Journal of Electrical Engineering and Education	SAGE Publications Inc.	10.1177/0020720918825244	Article	2-s2.0-85061064408
45	Kumaravel A., Murugananthan M.	Electrochemical detection of fenitrothion usingnanosilver/dodecane modified glassy carbon electrode	Sensors and Actuators, B: Chemical	Elsevier B.V.	10.1016/j.snb.2021.129467	Article	2-s2.0-85099384955
46	Vytla V., Ramakuri S.K., Peddi A., Kalyan Srinivas K., Nithish Ragav N.	Mathematical models for predicting COVID-19 pandemic: A review	Journal of Physics: Conference Series	IOP Publishing Ltd	10.1088/1742-6596/1797/1/012009	Conference Paper	2-s2.0-85102337451
47	Siva Prakash R., Mahendran C., Chandrasekaran J., Marnadu R., Maruthamuthu S., Yahia I.S., Shkir M.	A facile fabrication of Sn-doped CeO ₂ nanocrystalline thin films with enhanced photodiode properties for optoelectronic applications	Applied Physics A: Materials Science and Processing	Springer Science and Business Media Deutschland GmbH	10.1007/s00339-021-04311-4	Article	2-s2.0-85100554581
48	Dhiwahaar A.T., Maruthamuthu S., Marnadu R., Sundararajan M., Manthrammel M.A., Shkir M., Sakthivel P., Minnam Reddy V.R.	Improved photocatalytic degradation of rhodamine B under visible light and magnetic properties using microwave combustion grown Ni doped copper ferrite spinel nanoparticles	Solid State Sciences	Elsevier Masson s.r.l.	10.1016/j.solidstatesciences.2021.106542	Article	2-s2.0-85100189662
49	Jayasanthi M., Rajendran G., Vidhyakar R.B.	Independent component analysis with learning algorithm for electrocardiogram feature extraction and classification	Signal, Image and Video Processing	Springer Science and Business Media Deutschland GmbH	10.1007/s11760-020-01813-1	Article	2-s2.0-85098651803

50	Hong J., Wu T., Wu H., Zeng B., Zeng S., Chen T., Wang X., Lu Z., Yuan C., Balaji K., Petri D.F.S., Dai L.	Nanohybrid silver nanoparticles@halloysite nanotubes coated with polyphosphazene for effectively enhancing the fire safety of epoxy resin	Chemical Engineering Journal	Elsevier B.V.	10.1016/j.cej.2020.127087	Article	2-s2.0-85092666644
51	Rajeshkumar G., Hariharan V., Indran S., Sanjay M.R., Siengchin S., Maran J.P., Al-Dhabi N.A., Karuppiah P.	Influence of Sodium Hydroxide (NaOH) Treatment on Mechanical Properties and Morphological Behaviour of Phoenix sp. Fiber/Epoxy Composites	Journal of Polymers and the Environment	Springer	10.1007/s10924-020-01921-6	Article	2-s2.0-85092373805
52	Balasubramaniam T., Karthick M., Arun M.	Performance Assessment of Concrete Incorporating Recycled Coarse Aggregates and Graphene Oxide	IOP Conference Series: Materials Science and Engineering	IOP Publishing Ltd	10.1088/1757-899X/1059/1/012069	Conference Paper	2-s2.0-85101593968
53	Dinesh Kanna M., Arun M.	Effects of Longitudinal and Transverse Direction Opening in Reinforced Concrete Beam: The State of Review	IOP Conference Series: Materials Science and Engineering	IOP Publishing Ltd	10.1088/1757-899X/1059/1/012049	Conference Paper	2-s2.0-85101503549
54	Selvi C.T., Subramaninan R.S., Yogeswari M., Subhasini B., Priya G. V.	Role of wireless wearable technologies in recent advancements	Proceedings of the 3rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2021	Institute of Electrical and Electronics Engineers Inc.	10.1109/ICICV50876.2021.9388572	Conference Paper	2-s2.0-85104402299
55	Sakthidharan C.P., Niewa R., Zherebtsov D.A., Podgornov F.V., Matveychuk Y.V., Bartashevich E.V., Nayfert S.A., Adonin S.A., Gavriylyak M.V., Boronin V.A., Polozov M.A., Karthikeyan S., Sarojadevi M., Rajakumar K., Prabunathan P.	Crystal structures and dielectric properties of 4,4'-dimethyl-6,6'-dichlorothioindigo (Pigment Red 181)	Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials	International Union of Crystallography	10.1107/S2052520620014869	Article	2-s2.0-85110787785
56	Selvaraj V., Raghavarshini T.R., Alagar M.	Advanced development of dairy farm waste-based biocarbon-reinforced unsymmetrical structured bio-phenolic polybenzoxazine composites	High Performance Polymers	SAGE Publications Ltd	10.1177/09544008320941575	Article	2-s2.0-85088266694
57	Arivoli S., Karthikeyan R., Chitra V.	Implementation of Suitable Control Strategy for Improved Dynamics in Hybrid Grid Connected System	2021 International Conference on Computer Communication and Informatics, ICCCI 2021	Institute of Electrical and Electronics Engineers Inc.	10.1109/ICCCI50826.2021.9402514	Conference Paper	2-s2.0-85104959309
58	Suganya B., Maruthamuthu S., Chandrasekaran J., Saravanakumar B., Vijayakumar E., Marnadu R., Al-Enizi A.M., Ubaidullah M.	Design of zinc vanadate (Zn ₃ V ₂ O ₈) /nitrogen doped multiwall carbon nanotubes (N-MWCNT) towards supercapacitor electrode applications	Journal of Electroanalytical Chemistry	Elsevier B.V.	10.1016/j.jelechem.2020.114936	Article	2-s2.0-85098549727

59	Selvaraj V., Swarna Karthika T., Mansiya C., Alagar M.	An over review on recently developed techniques, mechanisms and intermediate involved in the advanced azo dye degradation for industrial applications	Journal of Molecular Structure	Elsevier B.V.	10.1016/j.molstruc.2020.129195	Review	2-s2.0-85090338251
60	Sumathi A.C., Ganti R., Balasiddharth D., ArunPrasath R.V., Sheeba A.	Development of functional prototype of PDCP sublayer in 5G NR	12th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2021	Grenze Scientific Society		Conference Paper	2-s2.0-85117865720
61	Kumar S., Arumugham H., Roy D., Kannaiyan D.	Synthesis and characterization of fluorine functionalized graphene oxide dispersed quinoline-based polyimide composites having low-k and UV shielding properties	Polymers for Advanced Technologies	John Wiley and Sons Ltd	10.1002/pat.5527	Article	2-s2.0-85117825492
62	Bavithra K., Madhugogul P., Devaprasath R., Thiyagarajan S., Pavithra S., Latha R.	Numerical relay-based protection system for induction motor	12th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2021	Grenze Scientific Society		Conference Paper	2-s2.0-85117791476
63	Appasamy S., Arumugam H., Govindraj L., Rathika G., Krishnasamy B., Muthukaruppan A.	Studies on nitrile substituted bisphenol-F and bisphenol-Z based benzoxazines with enhanced thermal and hydrophobic properties	Journal of Macromolecular Science, Part A: Pure and Applied Chemistry	Taylor and Francis Ltd.	10.1080/10601325.2021.1991235	Article	2-s2.0-85117577303
64	Iyyadurai J., Gandhi V.C.S., Suyambulingam I., Rajeshkumar G.	Sustainable Development of Cissus Quadrangularis Stem Fiber/epoxy Composite on Abrasive Wear Rate	Journal of Natural Fibers	Taylor and Francis Ltd.	10.1080/15440478.2021.1982819	Article	2-s2.0-85117220076
65	Kumar C S S., Rajasekar P., Sathiyathan M., Venkatesan M.	FPGA Implementation of Optimum Switching Angle Control for Shunt Active Filter using ANNSVPWM	International Journal of Electronics	Taylor and Francis Ltd.	10.1080/00207217.2021.1972472	Article	2-s2.0-85116437916
66	Shankara S.M., David Stephen A., Pitchumani Violet Mary C., Madhukar H., Dege N., Kahveci Yagcl N., Saravanan K., Nidhin P.V., Maruthamuthu S.	Validation of crystal structure of 2-acetamidophenyl acetate: an experimental and theoretical study	Journal of Biomolecular Structure and Dynamics	Taylor and Francis Ltd.	10.1080/07391102.2021.1984310	Article	2-s2.0-85116382538
67	Chandrasatheesh C., Jayapriya J., Prabunathan P.	Fabrication of Ag-TiO ₂ /Cardanol Epoxy-Based Composite Coatings Against Microbiologically Influenced Corrosion of Mild Steel	Journal of Polymers and the Environment	Springer	10.1007/s10924-021-02295-z	Article	2-s2.0-85115835795

68	Rajeshkumar G.	Mechanical and free vibration properties of Phoenix sp. fiber reinforced epoxy composites: Influence of sodium bicarbonate treatment	Polymer Composites	John Wiley and Sons Inc	10.1002/pc.26303	Article	2-s2.0-85114739211
69	Selvi C.T., Amudha J., Sankarasubramanian R.S.	FPGA Based Efficient IEEE 754 Floating Point Multiplier for Filter Operations	Communications in Computer and Information Science	Springer Science and Business Media Deutschland GmbH	10.1007/978-981-16-5048-2_30	Conference Paper	2-s2.0-85113490004
70	Mala E., Chakravarthi P.D.	Extreme learning machine-based investigation on automated detection of architectural distortion in mammograms	International Journal of Operational Research	Inderscience Publishers	10.1504/ijor.2021.117070	Article	2-s2.0-85113323480
71	Naveen R., Prem Kumar T., Sridharan K., Sandheep D.	Design and Fabrication of a Portable Stagnant Water Drainer	Lecture Notes in Mechanical Engineering	Springer Science and Business Media Deutschland GmbH	10.1007/978-981-16-0698-4_48	Conference Paper	2-s2.0-85113240060
72	Jayesh Balaji K., Koushik Sundaram K., Hareesh S.P., Arun Sundar S., Naveen R.	Implementing Canonical CFD Techniques to Determine the Effect of Optimised Aerodynamic Coefficients on the Performance of a Car for a Given Race Track	Lecture Notes in Mechanical Engineering	Springer Science and Business Media Deutschland GmbH	10.1007/978-981-16-0698-4_75	Conference Paper	2-s2.0-85113228275
73	Prasanth A.S., Ramesh R., Nathish Kumar S., Radhakrishnan K., Krishna P.	An experimental and numerical study on the tensile and compressive behavior of 3D printed biomimetic structures	Materials Today: Proceedings	Elsevier Ltd	10.1016/j.matpr.2020.11.111	Conference Paper	2-s2.0-85112573683
74	Jeyakumar P., Muthuchidambaramanathan P., Shrinidhi S.	A Novel Two Port High Isolation Dual-Polarized Multiband Sub-6 GHz MIMO Antenna for IoT Connected Devices	Wireless Personal Communications	Springer	10.1007/s11277-021-08837-x	Article	2-s2.0-85112558437
75	Pillaiyar T., Manickam M., Meenakshisundaram S., Benjamine A.J.	Candidate Drugs for the Potential Treatment of Coronavirus Diseases	Methods in Pharmacology and Toxicology	Humana Press Inc.	10.1007/7653_2020_67	Book Chapter	2-s2.0-85112555735
76	Arun M., Baskar K., Geethapriya B. S., Jayabarathi M., Angayarkkani R.	Affordable housing: Cost effective construction materials for economically weaker section	Materials Today: Proceedings	Elsevier Ltd	10.1016/j.matpr.2020.12.265	Conference Paper	2-s2.0-85112476514
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