



# PSG Institute of Technology and Applied Research

Approved by AICTE, New Delhi Image Affiliated to Anna University, Chennai

## Research and Development

### List of Publications

2022

#	Year	Title	Authors	Source Title	DOI	Document Type	EID
1	2022	Physio-mechanical Characterization and Thermal Property Evaluation of Polylactic Acid/Waste Hazelnut Shell Flour Composite with Inorganic Additives	Aslan M., Gananiar K., Büyükkaya K., Ezzatkah A., Alver I., Sundaresan T.K.	Journal of Testing and Evaluation	10.1520/JTE20220435	Article	2-s2.0-85149045014
2	2022	Synthesis of Optical and Electrochemical Studies on 3-Cyano-2-indolyl Quinoline Derivatives	Hariharan A., Subramanian K., Dinakaran K., Balaji K., Alagar M., Lakshmikandhan T.	Russian Journal of Physical Chemistry A	10.1134/S0036024423020073	Article	2-s2.0-85150973780
3	2022	Solid particle erosion behavior of nichrome coated duplex stainless steel	Kuruville R., Kumaran S.T., Khan M.A.	International Journal of Advanced Technology and Engineering Exploration	10.19101/IJATEE.2021.876388	Review	2-s2.0-85147030108
4	2022	Simulation of Land Use/Land Cover Dynamics Using Google Earth Data and QGIS: A Case Study on Outer Ring Road, Southern India	Padma S., Vidhya Lakshmi S., Prakash R., Srividhya S., Sivakumar A.A., Divyah N., Canales C., Saavedra Flores E.I.	Sustainability (Switzerland)	10.3390/su142416373	Article	2-s2.0-85144924755
5	2022	Differentiation in the SiC Filler Size Effect in the Mechanical and Tribological Properties of	Suresh S., Natarajan E., Franz G., Rajesh S.	Fibers	10.3390/fib10120109	Article	2-s2.0-85144661054

		Friction-Spot-Welded AA5083-H116 Alloy					
6	2022	Hardness and Impact Fracture Behavior of Armor Weldment Using Austenitic Stainless Steel Filler	Kumar N.V., Uthayakumar M., Kumaran S.T., Velayudham A.	Human Factors and Mechanical Engineering for Defense and Safety	10.1007/s41314-022-00054-z	Article	2-s2.0-85142252400
7	2022	A facile sol-gel synthesis and characterization of europium (Eu) doped $\beta$ -Bi <sub>2</sub> Mo <sub>2</sub> O <sub>9</sub> nanoparticles with remarkably enhanced photocatalytic activity for waste-water treatments	Shanmugam P., Dheivasigamani T., Moorthy Babu S., Shkir M., El Sayed Massoud E., Marnadu R., Minnam Reddy V.R.	Inorganic Chemistry Communications	10.1016/j.inoche.2022.110163	Article	2-s2.0-85141541554
8	2022	AI-based big data analytics model for medical applications	Lokesh S., Chakraborty S., Pulugu R., Mittal S., Pulugu D., Muruganantham R.	Measurement: Sensors	10.1016/j.measen.2022.100534	Article	2-s2.0-85140410706
9	2022	Fully Bio-based Polybenzoxazines Derived from Thymol: Thermal Stability, Hydrophobicity and Corrosion Resistant Properties	Mydeen K.M., Kanth J.P., Hariharan A., Balaji K., Rameshkumar S., Rathika G., Alagar M.	Journal of Polymers and the Environment	10.1007/s10924-022-02593-0	Article	2-s2.0-85139960450
10	2022	Coalescing aptamers and liquid-crystals for sensing applications	Kulabhusan P.K., Ray R., Ramachandra S.G., Srinivasulu M., Hariharan A., Balaji K., Mani N.K.	Microchemical Journal	10.1016/j.microc.2022.107980	Review	2-s2.0-85138342464
11	2022	Silver nanoparticle-modified electrodes for the electrochemical detection of neonicotinoid pesticide: clothianidin	Kumaravel A.	Analytical Methods	10.1039/d2ay01541b	Article	2-s2.0-85142689851
12	2022	Flexural, impact and dynamic mechanical analysis of hybrid composites: Olive tree leaves powder/ pineapple leaf fibre/epoxy matrix	Senthilkumar K., Chandrasekar M., Alothman O.Y., Fouad H., Jawaid M., Azeem M.A.	Journal of Materials Research and Technology	10.1016/j.jmrt.2022.11.036	Article	2-s2.0-85145972432
13	2022	Strategized friction stir welded AA6061-T6/SiC composite lap joint suitable for sheet metal applications	Suresh S., Natarajan E., Shanmugam R., Venkatesan K., Saravanakumar N., AntoDilip A.	Journal of Materials Research and Technology	10.1016/j.jmrt.2022.09.022	Article	2-s2.0-85144436940

14	2022	Nanocellulose: A Fundamental Material for Science and Technology Applications	Poulose A., Parameswaranpillai J., George J.J., Gopi J.A., Krishnasamy S., Dominic C. D M., Hameed N., Salim N.V., Radoor S., Sienkiewicz N.	Molecules	10.3390/molecules27228032	Review	2-s2.0-85142411652
15	2022	Solid Particle Erosion Studies of Varying Tow-Scale Carbon Fibre-Reinforced Polymer Composites	Shanmugam S.K., Sundaresan T.K., Varol T., Kurniawan R.	Materials	10.3390/ma15217534	Article	2-s2.0-85141824433
16	2022	Power yield improvement of wind turbine and fatigue load mitigation using predictive-based Active flow controller	Sudharsan G.S., Venkatasubramanian R., Hemalatha N., Deshmukh R.G., Alanazi M., Almadhor A., Lokesh S., Karthikeyan N., Sudhakar M.	Energy Reports	10.1016/j.egy.2022.10.285	Article	2-s2.0-85140730542
17	2022	Mechanical, absorption, and swelling properties of jute/kenaf/banana reinforced epoxy hybrid composites: Influence of various stacking sequences	Thiagamani S.M.K., Pulikkalparambil H., Siengchin S., Ilyas R.A., Krishnasamy S., Muthukumar C., Radzi A.M., Rangappa S.M.	Polymer Composites	10.1002/pc.26999	Article	2-s2.0-85136860297
18	2022	Supercapacitor and high k properties of CNT-PbS reinforced quinoxaline amine based polybenzoxazine composites	Selvaraj K., Arumugam H., Muthukaruppan A., Kannaiyan S.K., Krishnan S., Peethambaram P., Magaraphan R., Kannaiyan D.	Soft Matter	10.1039/d2sm00737a	Article	2-s2.0-85142460728
19	2022	Preserving privacy of patients with disabilities in the smart healthcare systems	Menon S.C., Prasad S., Soni G.	Using Multimedia Systems, Tools, and Technologies for Smart Healthcare Services	10.4018/978-1-6684-5741-2.ch012	Book Chapter	2-s2.0-85161658361
20	2022	A visual framework for an IoT-based healthcare system based on cloud computing	Menon S.C., Umayal V.R., Soni G., Baig A., Tyagi A.K.	Using Multimedia Systems, Tools, and Technologies for Smart Healthcare Services	10.4018/978-1-6684-5741-2.ch006	Book Chapter	2-s2.0-85156273974
21	2022	Single-wall and graphene-modified multiwall wasp nest	Sthevan Kovil Pitchai J., Dheivasigamani T.,	Journal of Materials Chemistry C	10.1039/d2tc03294e	Article	2-s2.0-85141443515

		shaped Bi <sub>2</sub> Mo <sub>2</sub> O <sub>9</sub> self-assembly for performance-enhanced asymmetric supercapacitor	Shunmughanathan B., Arunagiri R., Periyasamy S.				
22	2022	Prediction of Drug Bioactivity in Alzheimer's Disease Using Machine Learning Techniques and Community Networks	Hemkiran S., Sudha S.G.	Current Bioinformatics	10.2174/1574893617666220329181607	Article	2-s2.0-85142645550
23	2022	Drilling-Induced Damages in Hybrid Carbon and Glass Fiber-Reinforced Composite Laminate and Optimized Drilling Parameters	Natarajan E., Markandan K., Sekar S.M., Varadaraju K., Nesappan S., Albert Selvaraj A.D., Lim W.H., Franz G.	Journal of Composites Science	10.3390/jcs6100310	Article	2-s2.0-85140602475
24	2022	Heuristic DRP-DG optimization strategy adopted for maximizing total social welfare in the real time Indian utility network	Sharmila P., Mahadevan S., Baskaran J., Nayanatara C.	IET Renewable Power Generation	10.1049/rpg2.12560	Article	2-s2.0-85140346686
25	2022	Nickel-blended copper ferrite (CuNiFe <sub>2</sub> O <sub>4</sub> ): synthesis, morphology, supercapacitive features, and asymmetric device performance	Selvakumar M., Maruthamuthu S., Dhiwaha A.T., Thirunavukkarasu G.S., Seyedmahmoudian M., Stojcevski A., Minnam Reddy V.R.	Journal of Nanoparticle Research	10.1007/s11051-022-05582-5	Article	2-s2.0-85139860430
26	2022	Hybrid Beamforming in Large-scale Antenna Array for 5G Indoor Communication Network Deployments	Jeyakumar P., Malar E., Srinitha S., Muthuchidambaramanathan P., Ramesh A.	Wireless Personal Communications	10.1007/s11277-022-09808-6	Article	2-s2.0-85137467670
27	2022	Optimization of electrocoagulation process for treatment of rice mill effluent using response surface methodology	Anuf A.R., Ramaraj K., Sivasankarapillai V.S., Dhanusuraman R., Maran J.P., Rajeshkumar G., Rahdar A., Díez-Pascual A.M.	Journal of Water Process Engineering	10.1016/j.jwpe.2022.103074	Article	2-s2.0-85136286874
28	2022	Study on preparation of brick blocks by using construction waste and sludge	Vaithiyasubramanian R., Srinivasan D., Kanagarajan A.K.	Environmental Science and Pollution Research	10.1007/s11356-022-20968-7	Article	2-s2.0-85130687022
29	2022	Applications of distributed ledger (blockchain) technology in E-Healthcare	Deshmukh A., Tyagi A.K., Hansora H., Menon S.C.	The Internet of Medical Things (IoMT) and Telemedicine	10.4018/978-1-6684-3533-5.ch013	Book Chapter	2-s2.0-85161547089

				Frameworks and Applications			
30	2022	Performance comparison of distinct bismuth molybdate single phases for asymmetric supercapacitor applications	Shunmughanathan B., Dheivasigamani T., Sthevan Kovil Pitchai J., Periyasamy S.	Dalton Transactions	10.1039/d2dt02092k	Article	2-s2.0-85140077055
31	2022	Review of advanced techniques for manufacturing biocomposites: non-destructive evaluation and artificial intelligence-assisted modeling	Preethikaharshini J., Naresh K., Rajeshkumar G., Arumugaprabu V., Khan M.A., Khan K.A.	Journal of Materials Science	10.1007/s10853-022-07558-1	Review	2-s2.0-85137213388
32	2022	Sustainable recycling technologies for thermoplastic polymers and their composites: A review of the state of the art	Jagadeesh P., Mavinkere Rangappa S., Siengchin S., Puttegowda M., Thiagamani S.M.K., Rajeshkumar G., Hemath Kumar M., Oladijo O.P., Fiore V., Moure Cuadrado M.M.	Polymer Composites	10.1002/pc.27000	Review	2-s2.0-85136509475
33	2022	Minimization of Sustainable-Cost Using Tabu Search for Single Depot Heterogeneous Vehicle Routing Problem with Time Windows	Niranjani G., Umamaheswari K.	Wireless Personal Communications	10.1007/s11277-022-09802-y	Article	2-s2.0-85132375934
34	2022	Growth optimization of single-phase novel colloidal perovskite Cs3Bi2I9 nanocrystals and Cs3Bi2I9@SiO2 core-shell nanocomposites for bio-medical application	Vedi S., Dheivasigamani T., Selvam G.S., Kawakami T., Rajeswaran N., Rajendran S., Muthukaruppan A., AlFaify S., Shkir M.	Biomaterials Science	10.1039/d2bm00773h	Article	2-s2.0-85138662800
35	2022	Improving the mechanical properties of jute fiber woven mat reinforced epoxy composites with addition of zinc oxide filler	Sathishkumar T.P., Rajeshkumar L., Rajeshkumar G., Sanjay M.R., Siengchin S., Thakrishnan N.	E3S Web of Conferences	10.1051/e3sconf/202235502006	Conference Paper	2-s2.0-85142131261
36	2022	Parametric study on lightweight concrete-encased short columns under axial compression-Comparison of design codes	Divyah N., Prakash R., Srividhya S., Sivakumar A.	Structural Engineering and Mechanics	10.12989/sem.2022.83.3.387	Article	2-s2.0-85140002829

37	2022	Performance Investigation on Solar Air Heater with Optimized Parabolic Rib Geometry Based on Thermo-Hydraulic Performance	Naveen C., Selvakumar T.S., Kumar T.P., Premalatha M., Vasumathi K.	Applied Solar Energy (English translation of Geliotekhnika)	10.3103/S0003701X22040120	Article	2-s2.0-85150678097
38	2022	Synthesis and Application of Non-Toxic Superhydrophobic Phenyl Substituted Pyrazolidine Based Benzoxazine Coating for Oil-Water Separation and Corrosion Resistance	Nivinkrishnan P, Sophia S.J., Kumaravel A., Ramya R., Gokul P, Prabunathan P, Manoj M., Sangeetha M.	Russian Journal of Applied Chemistry	10.1134/S1070427222080225	Article	2-s2.0-85148701555
39	2022	Syntheses and Characterization of Skeletally Modified Cardanol Based Asymmetric Benzoxazines with Enhanced Thermal and Hydrophobic Properties	Govindraj Latha, Rajalakshmi D., Harinei S., Hariharan A., Balaji K., Alagar M.	Polymer Science - Series B	10.1134/S1560090422700294	Article	2-s2.0-85137246150
40	2022	Studies on geotechnical properties of Prosopis juliflora ash treated black cotton soil	Srinivasan D., Murugesan A.	Bulletin of Engineering Geology and the Environment	10.1007/s10064-022-02849-y	Article	2-s2.0-85135212810
41	2022	Synthesis, Spectral and Thermal Characterization of 1,1-Bis(4-hydroxyphenyl)cyclohexane (BPZ)/1,1-Bis(4-hydroxyphenyl)-4-methylcyclohexane (MBPZ) Cardo Copolyesters	Govindraj Latha, Mydeen K M., Hariharan A., Balaji K., Murugavel S.C.	Polymer Science - Series B	10.1134/S1560090422700129	Article	2-s2.0-85131059240
42	2022	Embellishing 2-D MoS <sub>2</sub> Nanosheets on Lotus Thread Devices for Enhanced Hydrophobicity and Antimicrobial Activity	Selvam G.S., Dheivasigamani T., Prabhu A., Mani N.K.	ACS Omega	10.1021/acsomega.2c02337	Article	2-s2.0-85135927698
43	2022	BABW: Biometric-based authentication using DWT and FFNN	Grace R.K., Devasena M.S.G., Manimegalai R.	Tele-Healthcare: Applications of Artificial Intelligence and Soft Computing Techniques	10.1002/9781119841937.ch9	Book Chapter	2-s2.0-85147835412
44	2022	Ply-stacking effects on mechanical properties of	Muralidharan M., Sathishkumar T.P., Rajini	Journal of Industrial Textiles	10.1177/15280837221128024	Article	2-s2.0-85145193970

		Kevlar-29/banana woven mats reinforced epoxy hybrid composites	N., Navaneethakrishan P., Ismail S.O., Senthilkumar K., Siengchin S., Mohammad F., Al-Lohedan H.A.				
45	2022	Evaluation of diflunisal a difluoro-derivative of salicylic acid as an inhibitor of human serum albumin using molecular docking tools	Stephen A.D., Shankar S.M., Devi R.N., Maruthamuthu S., Musthafa A.M., Pannipara M., Al-Sehemi A.G.	Journal of Environmental Biology	10.22438/jeb/43/4/MRN-3006	Article	2-s2.0-85134244596
46	2022	Fabrication and performance analysis of set standard natural dye-sensitized solar cell (N-DSSC) using extracted Terminalia kattapa (Red), Azadirachia indica (Green), and Clitoria ternatea (Blue) dyes with virgin Degussa p25 photo-anode	Vignesh Prabhu T.G., Chandrasekaran J., Thangaraju D., Vivek P, Gopi S.	Journal of Materials Science: Materials in Electronics	10.1007/s10854-022-08611-0	Article	2-s2.0-85133163562
47	2022	Development and characterization of eco-friendly biopolymer gellan gum based electrolyte for electrochemical application	Periyajeyam B., Thangapandian M., Subramanian S., Manoharan V.K., Ramadhasan M.N., Ramasamy M.	Journal of Polymer Engineering	10.1515/polyeng-2021-0047	Article	2-s2.0-85129105817
48	2022	The hydraulic and thermal performances of rectangular and square microchannel with different hydraulic diameters cooled by graphene-platinum hybrid nanofluid	Kumar R A., Kavitha M., Kumar P.M., Seshadri S A.	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	10.1177/09544062211072706	Article	2-s2.0-85125996249
49	2022	ASSESSMENT OF LAND SUITABILITY FOR SUSTAINABLE DEVELOPMENT OF PERI-URBAN AREAS IN COIMBATORE USING GIS, AHP AND MULTI-CRITERIA DECISION MAKING	Vadivelu N.G., Ramachandran S.S.	Environmental Engineering and Management Journal		Article	2-s2.0-85137288457
50	2022	Characterization of sustainable natural fiber reinforced geopolymer composites	Ranjithkumar M.G., Chandrasekaran P., Rajeshkumar G.	Polymer Composites	10.1002/pc.26646	Article	2-s2.0-85128039341

51	2022	Delamination and surface roughness analysis of jute/polyester composites using response surface methodology: Consequence of sodium bicarbonate treatment	Ravikumar P, Rajeshkumar G., Manimegalai P, Sumesh K.R., Sanjay M.R., Siengchin S.	Journal of Industrial Textiles	10.1177/15280837221077040	Article	2-s2.0-85127782736
52	2022	Bio-based polybenzoxazines as an efficient coatings to protect mild steel surfaces from corrosion	Ranganathan S., Arumugam H., Krishnasamy B., Sathy Srikandan S., Mallaiya K., Alagar M.	High Performance Polymers	10.1177/09540083221085163	Article	2-s2.0-85127760307
53	2022	Combination studies of operating cell, inlet-line, and humidification temperatures on performance of proton exchange membrane fuel cell	Thiyagarajan P.K., Jeganathan K., Kumar P M.	Fuel Cells	10.1002/fuce.202200022	Article	2-s2.0-85127590930
54	2022	Influence of Ag <sup>+</sup> ions on the physical properties of spray coated CeO <sub>2</sub> thin films and photo-response of p-Si/n-SDC junction diodes	Marnadu R, Kannan S.K, Vidhya M., Sujithkumar G., Mohanraj K., Maruthamuthu S, Al-Enizi A.M., Ubaidullah M., Vasudeva Reddy Minnam Reddy S.	Surfaces and Interfaces	10.1016/j.surfin.2022.101866	Article	2-s2.0-85126954824
55	2022	Mapping of non-value adding activities occurring in classical manufacturing companies with lean strategies	Ramesh Kumar D., Devadasan S.R., Elangovan D.	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	10.1177/09544089211051595	Article	2-s2.0-85119020412
56	2022	Mechanical, water absorption and wear characteristics of novel polymeric composites: Impact of hybrid natural fibers and oil cake filler addition	Sumesh K.R., Kavimani V, Rajeshkumar G., Indran S., Khan A.	Journal of Industrial Textiles	10.1177/1528083720971344	Article	2-s2.0-85095755434
57	2022	Improvement of mechanical and thermal properties of hybrid composites through addition of halloysite nanoclay for light weight structural applications	Nagaraja K.C., Rajanna S., Prakash G.S., Rajeshkumar G.	Journal of Industrial Textiles	10.1177/1528083720936624	Article	2-s2.0-85086864587



58	2022	Effect of sodium hydroxide treatment on dry sliding wear behavior of Phoenix sp. fiber reinforced polymer composites	Rajeshkumar G.	Journal of Industrial Textiles	10.1177/1528083720918948	Article	2-s2.0-85083849145
59	2022	Beamforming design with fully connected analog beamformer using deep learning	Jeyakumar P, Tharanitaran N.M., Malar E., Muthuchidambaranathan P.	International Journal of Communication Systems	10.1002/dac.5109	Article	2-s2.0-85124077713
60	2022	Mechanical and wear behaviour of PEEK, PTFE and PU: Review and experimental study	Natarajan E., Santhosh M.S., Markandan K., Sasikumar R., Saravanakumar N., Dilip A.A.	Journal of Polymer Engineering	10.1515/polyeng-2021-0325	Review	2-s2.0-85126558711
61	2022	DI- AND TETRAIODOXYLENES: STRUCTURE AND FEATURES OF NON-COVALENT INTERACTIONS IN A SOLID STATE	Rajakumar K, Sharutin V.V., Adonin S.A., Zherebtsov D.A., Sakhapov I.F., Islamov D.R., Prabunatan P., Vershinin M.A., Naifert S.A., Polozov M.A.	Journal of Structural Chemistry	10.1134/S0022476622040138	Article	2-s2.0-85132116931
62	2022	Influence of In Doping on Physical Properties of Co-precipitation Synthesized CdO NPs and Fabrication of p-Si/n-CdIn <sub>2</sub> O <sub>4</sub> Junction Diodes for Enhanced Photodetection Applications	Kannan S.K., Thirunavukkarasu P, Marnadu R., Thangaraju D., Shkir M., Ali H.E., Reddy V.R.M.	Journal of Electronic Materials	10.1007/s11664-021-09427-0	Article	2-s2.0-85124305489
63	2022	Authenticated Key Agreement Protocol for Secure Communication Establishment in Vehicle-to-Grid Environment With FPGA Implementation	Sureshkumar V., Chinnaraj P, Saravanan P, Amin R., Rodrigues J.J.P.C.	IEEE Transactions on Vehicular Technology	10.1109/TVT.2022.3146409	Article	2-s2.0-85124193855
64	2022	Corn silk extract-based solid-state biopolymer electrolyte and its application to electrochemical storage devices	Suvarnna K., Kirubavathy S.J., Selvasekarapandian S., Krishna M.V., Ramaswamy M.	Ionics	10.1007/s11581-021-04415-0	Article	2-s2.0-85123506330

65	2022	Fabrication of Ag-TiO <sub>2</sub> /Cardanol Epoxy-Based Composite Coatings Against Microbiologically Influenced Corrosion of Mild Steel	Chandrasatheesh C., Jayapriya J., Prabunathan P.	Journal of Polymers and the Environment	10.1007/s10924-021-02295-z	Article	2-s2.0-85115835795
66	2022	An evaluation of activation energy, surface area, and catalytic activity relationship of the developed nonmetal alloy decorated Schiff's base based conjugated conductive polymer composite electrodes for fuel cell applications	Selvaraj V., Arunkumar K., Alagar M.	International Journal of Energy Research	10.1002/er.7456	Article	2-s2.0-85119286979
67	2022	Flexible Dispatch Strategy Adopted by Optimizing DG Parameters in a Real Time Power System Distributed Network	Shanmugapriya P., Kumaran M.S., Baskaran J., Nayanatara C., Sharmila P., Eltamaly A.M.	Journal of Electrical Engineering and Technology	10.1007/s42835-021-00938-8	Article	2-s2.0-85119854732
68	2022	Activating endogenous resolution pathways by soluble epoxide hydrolase inhibitors for the management of COVID-19	Manickam M., Meenakshisundaram S., Pillaiyar T.	Archiv der Pharmazie	10.1002/ardp.202100367	Review	2-s2.0-85119473759
69	2022	Optimization of Effective Doping Concentration of Emitter for Ideal c-Si Solar Cell Device with PC1D Simulation	Subramanian M., Nagarajan B., Ravichandran A., Subhash Betageri V., Thirunavukkarasu G.S., Jamei E., Seyedmahmoudian M., Stojcevski A., Mekhilef S., Minnam Reddy V.R.	Crystals	10.3390/cryst12020244	Article	2-s2.0-85124536070
70	2022	A Comprehensive Review of Influence Node Identification in Complex Networks	Chakravarthy T.S., Lokesh S.	CEUR Workshop Proceedings		Conference Paper	2-s2.0-85168901951
71	2022	Stacking Classifier-based Automated Insurance Fraud Detection System	Shanthini M.	2022 IEEE Conference on Interdisciplinary Approaches in Technology and Management for	10.1109/IATMSI56455.2022.10119435	Conference Paper	2-s2.0-85160753839

				Social Innovation, IATMSI 2022			
72	2022	Recycling and Biodegradation Studies of Epoxy/Natural Fiber Composites	Rajeshkumar G., Arvinth Seshadri S., Keerthi T.K.G.	Handbook of Epoxy/Fiber Composites	10.1007/978-981-19-3603-6_30	Book Chapter	2-s2.0-85160489886
73	2022	PLA Based Sustainable Composites	Rajeshkumar G., Seshadri S.A., Hariharan V., Gokulkumar S.	Encyclopedia of Materials: Plastics and Polymers	10.1016/B978-0-12-820352-1.00276-5	Book Chapter	2-s2.0-85151216949
74	2022	Natural Fiber-Reinforced Biocomposites	Rajeshkumar G., Gokulkumar S., Navaneethakrishnan P.	Encyclopedia of Materials: Plastics and Polymers	10.1016/B978-0-12-820352-1.00275-3	Book Chapter	2-s2.0-85151214023
75	2022	Prediction of strength and shrinkage of ternary blended concrete with fly ash, slag and silica fume	Sakthivel T, Arulraj K.	Revista de la Construccion	10.7764/RDLC.21.3.669	Article	2-s2.0-85150815506
76	2022	Chemical modification of cellulose fiber surface	Rajeshkumar G., Nagaraja K.C., Hariharan V.	Cellulose Fibre Reinforced Composites: Interface Engineering, Processing and Performance	10.1016/B978-0-323-90125-3.00001-X	Book Chapter	2-s2.0-85150128999
77	2022	Compression and injection molding techniques	Rajeshkumar G., Balaji B.A., Seshadri S.A.	Cellulose Fibre Reinforced Composites: Interface Engineering, Processing and Performance	10.1016/B978-0-323-90125-3.00018-5	Book Chapter	2-s2.0-85150126604
78	2022	Automation of Traffic Control Systems with Deep Q-Learning Network	Senthilprabha R., Baskaran J., Sasikumar D., Sriram G., Nelson K., Harish P.	3rd International Conference on Power, Energy, Control and Transmission Systems, ICPECTS 2022 - Proceedings	10.1109/ICPECTS56089.2022.10047191	Conference Paper	2-s2.0-85150074761
79	2022	Distributed Network Welfare Maximization DSM-DG Strategy	Mohan S., Nayanatara C., Baskaran J.	3rd International Conference on Power, Energy, Control and Transmission	10.1109/ICPECTS56089.2022.10047639	Conference Paper	2-s2.0-85150070624

				Systems, ICPECTS 2022 - Proceedings			
80	2022	Energy Saving Through Optimal DG Dispatch with DSM for Residential Consumers	Sharmila P, Baskaran J., Senthilkumaran M., Nayanatara C., Shanmugapriya P.	3rd International Conference on Power, Energy, Control and Transmission Systems, ICPECTS 2022 - Proceedings	10.1109/ICPECTS56089.2022.10046947	Conference Paper	2-s2.0-85150042308
81	2022	Sign Language Recognition System using Convolutional Neural Network	Dudhane T.M., Chenthil T.R., Kanaga Priya P., Jothibas M.	2nd IEEE International Conference on Advanced Technologies in Intelligent Control, Environment, Computing and Communication Engineering, ICATIECE 2022	10.1109/ICATIECE56365.2022.10046883	Conference Paper	2-s2.0-85149578013
82	2022	A fuzzy-genetic approach to identify optimal DG sources plan in power system network	Sharmila P, Baskaran J., Senthilkumaran M., Nayanatara C., Shanmugapriya P.	2022 1st International Conference on Computational Science and Technology, ICCST 2022 - Proceedings	10.1109/ICCST55948.2022.10040447	Conference Paper	2-s2.0-85149426869
83	2022	Students' Attitude and Well-being and Repercussions on Academics after COVID-19	Chandramohan G., Pramila K.	Journal of Engineering Education Transformations	10.16920/jeet/2023/v36is2/23073	Article	2-s2.0-85148497623
84	2022	The Design and Fabrication of Smart Surveillance Robot	Thirumaraiselvi C., Sankara Subramanian R.S., Janani R., Kavya Dharshini M., Keerthi G.	4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings	10.1109/ICIRCA54612.2022.9985739	Conference Paper	2-s2.0-85146487332
85	2022	A novel design of low-cost hearing aid devices using an efficient lifting filter bank with a modified variable filter	Subbulakshmi N., Manimegalai R., Rajakumar G., Ananth Kumar T., Kosuri U.	Expert Review of Medical Devices	10.1080/17434440.2022.2159376	Article	2-s2.0-85145683554

86	2022	Certain Investigations on Channel Utilization in Mimo System Based on Antenna Selection	Jagadesh T, Remya V, Benjamin S., Ramesh S., Pradeep K.K., Jothibas M., Jayaprahas J.	MysuruCon 2022 - 2022 IEEE 2nd Mysore Sub Section International Conference	10.1109/MysuruCon55714.2022.9972434	Conference Paper	2-s2.0-85145353257
87	2022	Deep Learning Based Approach for Identification of Parkinson's Syndrome	Manimegalai R., Ramya A., Swedha S.U., Pruthvi M., Lokesh S.	Proceedings of 2022 International Conference on Intelligent Innovations in Engineering and Technology, ICIET 2022	10.1109/ICIET55458.2022.9967676	Conference Paper	2-s2.0-85144626361
88	2022	BER Analysis of Intelligent Reflecting Surface and Relay Assisted NOMA	Mohandass S., Reba P.	Proceedings of 2022 International Conference on Intelligent Innovations in Engineering and Technology, ICIET 2022	10.1109/ICIET55458.2022.9967548	Conference Paper	2-s2.0-85144625530
89	2022	Glass fiber reinforced ultra-high strength concrete with silica fume	Natarajan S., Murugesan A., Dhanapal J., Narayanan A.	Gradjevinar	10.14256/JCE.3431.2021	Article	2-s2.0-85144327373
90	2022	Materials for Lightweight Constructions	Thirumalai Kumaran S., Jo Ko T., Suresh Kumar S., Varol T.	Materials for Lightweight Constructions	10.1201/9781003252108	Book Chapter	2-s2.0-85143455170
91	2022	Preface	Thirumalai Kumaran S., Jo Ko T., Suresh Kumar S., Varol T.	Materials for Lightweight Constructions		Editorial	2-s2.0-85143449735
92	2022	Mechanical behavior of elastomer blends and composites	Rajeshkumar G., Seshadri S.A.	Elastomer Blends and Composites: Principles, Characterization, Advances, and Applications	10.1016/B978-0-323-85832-8.00012-2	Book Chapter	2-s2.0-85142019456
93	2022	Lignocellulosic microfibrils from Phaseolus lunatus and Vigna radiata biomass: characterization and properties	Muthusamy A.R., Thiagamani S.M.K., Krishnasamy S., Muthukumar C., Rangappa S.M., Siengchin S.	Biomass Conversion and Biorefinery	10.1007/s13399-022-03428-7	Article	2-s2.0-85141658175

94	2022	Deep Learning Techniques to Detect Learning Disabilities Among children using Handwriting	Vilasini V, Banu Rekha B., Sandeep V, Charan Venkatesh V.	Proceedings of the 2022 3rd International Conference on Intelligent Computing, Instrumentation and Control Technologies: Computational Intelligence for Smart Systems, ICICICT 2022	10.1109/ICICICT54557.2022.9917890	Conference Paper	2-s2.0-85141406797
95	2022	Experimental study of mechanical properties of Sisal/banana fiber hybrid sandwich composite	Chithra Devi R., Girimurugan R., Nanthakumar S., Rajasekaran P, Hasane Ahammad S.K., Joe Patrick Gnanaraj S.	Materials Today: Proceedings	10.1016/j.matpr.2022.10.082	Article	2-s2.0-85141002441
96	2022	Program Architecture for Structural Health Monitoring of Pamban Bridge	Chiranjeevi S., Manimegalai R., Saravanan U.	Communications in Computer and Information Science	10.1007/978-3-031-15556-7_2	Conference Paper	2-s2.0-85140714253
97	2022	Analysis of Spectroscopic, Morphological Characterization and Interaction of Dye Molecules for the Surface Modification of TiB2Nanoparticles	Mayakannan S., Rathinam R., Saminathan R., Deepalakshmi R., Gopal M., Hillary J.J.M., Nanthakumar S., Ganvir V.Y, Singh P.	Journal of Nanomaterials	10.1155/2022/1033216	Article	2-s2.0-85140578213
98	2022	Cosmetic Suggestion System Using Convolution Neural Network	Bhuvana S., Brindha G.S., Shubhikshaa S.M., Swathi J.V.	3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings	10.1109/ICESC54411.2022.9885369	Conference Paper	2-s2.0-85139568786
99	2022	Forest Fire Detection using Computer Vision	Prasanna Rahavendra A., Praneash G.P, Rashmika T, Natarajan A.	3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings	10.1109/ICESC54411.2022.9885250	Conference Paper	2-s2.0-85139566853

100	2022	Covid-19 Detection using Chest X-Rays with Image based Deep Learning	Bhuvana S., Anjhanaa A.A., Bala Keerthana K.K.B., Sivadharshini K.	3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings	10.1109/ICESC54411.2022.9885573	Conference Paper	2-s2.0-85139560893
101	2022	Detection of Cracks in High Rise Buildings using Drones	Danajitha K.K., Sheeba A., Sophiya P., Maha Vishnu V.C.	3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings	10.1109/ICESC54411.2022.9885251	Conference Paper	2-s2.0-85139557811
102	2022	Machine Comprehension System in Tamil and English based on BERT	Srivatsun G., Thivaharan S., Bharath Kumar K.S., Sudharsan S.	3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings	10.1109/ICESC54411.2022.9885657	Conference Paper	2-s2.0-85139549258
103	2022	Plant Disease Detection and Classification Using Deep Learning CNN Algorithms	Karunanidhi B., Nandhini B., Ruth Jeba Kumari S., Sirpikadevi M., Sugassini M.	2022 IEEE International Conference on Electronics, Computing and Communication Technologies, CONECCT 2022	10.1109/CONECCT55679.2022.9865677	Conference Paper	2-s2.0-85138289938
104	2022	Hierarchical learning model for early prediction of coronary artery atherosclerosis	Sowmiya M., Rekha B.B., Malar E., Kumaran K.R.A.	International Journal of Operational Research	10.1504/ijor.2022.125131	Article	2-s2.0-85138107187
105	2022	Novel plant, their composites and applications	Indran S., Raja S., Divya D., Rajeshkumar G.	Plant Fibers, their Composites, and Applications	10.1016/B978-0-12-824528-6.00012-6	Book Chapter	2-s2.0-85137934747
106	2022	Cardanol and bisphenol-F based benzoxazines with zirconium phosphate reinforced composites coating for protecting the mild steel surface from corrosion	Latha G., Hariharan A., Balaji K., Kumaravel A., Alagar M.	Journal of Macromolecular Science, Part A: Pure and Applied Chemistry	10.1080/10601325.2022.2118607	Article	2-s2.0-85137831927

107	2022	Effective Teaching of Electric Circuit Analysis through Jigsaw Cooperative Learning Method	Reba P, Susithra N, Deepa M., Santhanamari G.	Journal of Engineering Education Transformations	10.16920/jeet/2022/v36i1/22136	Article	2-s2.0-85137764665
108	2022	An optimal deep learning based Islanding power quality detection technique for distributed generation systems	Gnanavel V.K., Baskaran J.	Journal of Intelligent and Fuzzy Systems	10.3233/JIFS-213129	Article	2-s2.0-85136831819
109	2022	EXPERIMENTAL STUDY ON BEHAVIOUR OF STEEL FIBRE-REINFORCED BEAM-COLUMN JOINTS BY VARYING THE REINFORCEMENT PATTERN	Balakumar P, Ramasamy J.V, Sharmila M.S.	Journal of the Balkan Tribological Association		Article	2-s2.0-85135577136
110	2022	Multikernel Support Vector Machine with GLCM For Truthful Brain Signal Classification of Magnetic Resonance Imaging	Selvi C.T, Sankarasubramanian R.S., Karthikeyani S.	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54159.2022.9785363	Conference Paper	2-s2.0-85133203700
111	2022	Investigation of Surface Roughness in Machine using Artificial Intelligence Techniques	Mahesha C.R., Suprabha R., Puthilibai G., Devatarika V., Jeyashri R., Deepashri R.	2022 International Conference on Communication, Computing and Internet of Things, IC3IoT 2022 - Proceedings	10.1109/IC3IoT53935.2022.9767952	Conference Paper	2-s2.0-85130792492
112	2022	Simulation of Pick and Place Robotic Arm using Coppeliasim	Rooban S., Iwin Thanakumar Joseph S., Manimegalai R., Eshwar I.V.S., Mageswari R.U.	Proceedings - 6th International Conference on Computing Methodologies and Communication, ICCMC 2022	10.1109/ICCMC53470.2022.9754013	Conference Paper	2-s2.0-85129151698
113	2022	Experimental Investigation on the Effect of Polypropylene Fibers with Respect to the Fatigue Behavior of Rigid Pavement	Santhosh J.C., Samal S.R., Ganesh V.N., Pavani D., Sridhar R.S.	Lecture Notes in Civil Engineering	10.1007/978-981-16-7509-6_31	Conference Paper	2-s2.0-85128775344



114	2022	Covid Precuatory Alerting Robot	Rooban S., Manimegalai R., Eshwar I.V.S., Vasista R.P.L.N., Gupta P.V.M.	2022 International Conference on Computer Communication and Informatics, ICCCI 2022	10.1109/ICCCI54379.2022.9740852	Conference Paper	2-s2.0-85128755157
115	2022	Prediction modeling of skid resistance and texture depth on flexible pavement for urban roads	Athiappan K., Kandasamy A., Mohamed M.J.S., Parthiban P., Balasubramanian S.	Materials Today: Proceedings	10.1016/j.matpr.2021.10.304	Conference Paper	2-s2.0-85127422857
116	2022	Establishing a Constructive Mentoring Scheme for Engineering Students - A Case Study	Santhanamari G., Deepa M., Susithra N., Reba P.	Journal of Engineering Education Transformations	10.16920/jeet/2022/v35is1/22044	Article	2-s2.0-85127388458
117	2022	Design of Low Power Transmission Gate Based 9T SRAM Cell	Rooban S., Leela M., Rahman M.Z.U., Subbulakshmi N., Manimegalai R.	Computers, Materials and Continua	10.32604/cmc.2022.023934	Article	2-s2.0-85125372644
118	2022	Crystallization of struvite family crystals from cow urine: analysis, characterization, and effects of crystallization method, retention time, rate of mixing, and competing ions	Sangeetha V., Devasena M., Nambi I.M., Dwarakanathan S.	Biomass Conversion and Biorefinery	10.1007/s13399-022-02452-x	Article	2-s2.0-85125281497
119	2022	Microstructural Characterisation of AA5083 in AA5083/SiC Co-Continuous Ceramic Composites (C4) Fabricated by Gravity and Gas Pressure Infiltration	Warren G., Wang J., Shankar K., Krishnaraj V., Prasanth A.S., Ramesh R., Escobedo-Diaz J.P.	Minerals, Metals and Materials Series	10.1007/978-3-030-92373-0_6	Conference Paper	2-s2.0-85125273049
120	2022	An Energy Efficient Architecture for Furnace Monitor and Control in Foundry Based on Industry 4.0 Using IoT	Dinesh M., Arvind C., Sreeja Mole S.S., Subash Kumar C.S., Chandra Sekar P., Somasundaram K., Srihari K., Chandragandhi S., Sundramurthy V.P.	Scientific Programming	10.1155/2022/1128717	Article	2-s2.0-85124096015
121	2022	Review on extraction, characterization, surface treatment and thermal degradation analysis of new cellulosic fibers as sustainable	Jaiswal D., Devnani G.L., Rajeshkumar G., Sanjay M.R., Siengchin S.	Current Research in Green and Sustainable Chemistry	10.1016/j.crgsc.2022.100271	Article	2-s2.0-85123574178

		reinforcement in polymer composites					
122	2022	Investigation on Mechanical and Wear Behaviors of LM6 Aluminium Alloy-Based Hybrid Metal Matrix Composites Using Stir Casting Process	Gnanaswaran P., Hariharan V., Chelladurai S.J.S., Rajeshkumar G., Gnanasekaran S., Sivananthan S., Debtera B.	Advances in Materials Science and Engineering	10.1155/2022/4116843	Article	2-s2.0-85123531997
123	2022	Sensorless Speed Control of BLDC Motor for EV Applications	Shanmugasundaram R., Ganesh C., Adhavan B., Singaravelan A., Gunapriya B.	Lecture Notes on Data Engineering and Communications Technologies	10.1007/978-981-16-6605-6_26	Book Chapter	2-s2.0-85123375732
124	2022	QoS-Dependent and Varied Clustered Routing (QoS-VCR) in Wireless Sensor Network	Kala I., Karthik S., Srihari K.	Wireless Personal Communications	10.1007/s11277-021-09441-9	Article	2-s2.0-85123125421
125	2022	Design of Automatic Credit Card Approval System Using Machine Learning	Hemkiran S., Sudha Sadasivam G., Prasanna Rahavendra A., Anjhanna A.K.	Lecture Notes in Electrical Engineering	10.1007/978-981-16-6448-9_1	Conference Paper	2-s2.0-85122501036
126	2022	Sustainable Waste Collection Vehicle Routing Problem for COVID-19	Niranjani G., Umamaheswari K.	Intelligent Automation and Soft Computing	10.32604/iasc.2022.024264	Article	2-s2.0-85122286944
127	2022	Titanium dichalcogenide-decorated reduced graphene oxide nanocomposite for high-performance photovoltaic cell fabrication	Krishnamoorthy D., Nagoor Meeran M., Prakasam A., Thangaraju D.	Journal of Materials Science: Materials in Electronics	10.1007/s10854-021-07427-8	Article	2-s2.0-85120083527
128	2022	Influence of Processing Variables on Tensile Strength and Water Absorption of Natural Fibers Hybrid Composites	Saravanan K., Sampath Kumar S.K., Prakash C., Sivamani S., Prakash Maran J., Rajeshkumar G.	Journal of Natural Fibers	10.1080/15440478.2021.2002774	Article	2-s2.0-85119484227
129	2022	Remediation of 2,4-Dinitrotoluene-Contaminated Soil with Microbial Surfactants	Thenmozhi A., Devasena M., Jagadeesan H.	Journal of Hazardous, Toxic, and Radioactive Waste	10.1061/(ASCE)HZ.2153-5515.0000653	Article	2-s2.0-85118716076
130	2022	Synthesis, spectral, and thermal studies on eugenol based hydrophobic polybenzoxazines	Ramesh V., Hariharan A., Balaji K., Latha G., Subbian M., Alagar M.	Polymer-Plastics Technology and Materials	10.1080/25740881.2021.1991951	Article	2-s2.0-85118457042

131	2022	Encryption and Decryption of Image for Secured Data Transmission	Thirumarai Selvi C., Sankarasubramanian R.S., MuthuKrishnan M.	Lecture Notes in Electrical Engineering	10.1007/978-981-16-4625-6_15	Conference Paper	2-s2.0-85118172368
132	2022	Detection and Diagnosis of Fault Using Light-Weighted Midori Blocks	Thirumarai Selvi C., Sankarasubramanian R.S., MuthuKrishnan M.	Lecture Notes in Electrical Engineering	10.1007/978-981-16-4625-6_16	Conference Paper	2-s2.0-85118159306
133	2022	High-Performance ANFIS-Based Controller for BLDC Motor Drive	Shanmugasundaram R., Ganesh C., Singaravelan A., Gunapriya B., Adhavan B.	Smart Innovation, Systems and Technologies	10.1007/978-981-16-3675-2_33	Conference Paper	2-s2.0-85118150946
134	2022	Synthesis and characterization of fluorine functionalized graphene oxide dispersed quinoline-based polyimide composites having low-k and UV shielding properties	Kumar S., Arumugham H., Roy D., Kannaiyan D.	Polymers for Advanced Technologies	10.1002/pat.5527	Article	2-s2.0-85117825492
135	2022	Studies on nitrile substituted bisphenol-F and bisphenol-Z based benzoxazines with enhanced thermal and hydrophobic properties	Appasamy S., Arumugam H., Govindraj L., Rathika G., Krishnasamy B., Muthukaruppan A.	Journal of Macromolecular Science, Part A: Pure and Applied Chemistry	10.1080/10601325.2021.1991235	Article	2-s2.0-85117577303
136	2022	Sustainable Development of Cissus Quadrangularis Stem Fiber/epoxy Composite on Abrasive Wear Rate	Iyyadurai J., Gandhi V.C.S., Suyambulingam I., Rajeshkumar G.	Journal of Natural Fibers	10.1080/15440478.2021.1982819	Article	2-s2.0-85117220076
137	2022	FPGA Implementation of Optimum Switching Angle Control for Shunt Active Filter using ANNSVPWM	Kumar C S S., P R., M S., M V.	International Journal of Electronics	10.1080/00207217.2021.1972472	Article	2-s2.0-85116437916
138	2022	Validation of crystal structure of 2-acetamidophenyl acetate: an experimental and theoretical study	Shankar S.M., David Stephen A., Pitchumani Violet Mary C., Madhukar H., Dege N., Kahveci Yagcl N., Saravanan K., Nidhin P.V., Maruthamuthu S.	Journal of Biomolecular Structure and Dynamics	10.1080/07391102.2021.1984310	Article	2-s2.0-85116382538
139	2022	Transport Tracking Using RFID and GSM Based Technique	Subbulakshmi N., Chandru R., Manimegalai R.	Lecture Notes in Networks and Systems	10.1007/978-981-16-2919-8_20	Conference Paper	2-s2.0-85115629697
140	2022	Evaluation of Mechanical and Water Absorption Behaviors of Jute/Carbon Fiber Reinforced Polyester Hybrid Composites	RaviKumar P., Rajeshkumar G., Prakash Maran J., Al-Dhabi N.A., Karuppiyah P.	Journal of Natural Fibers	10.1080/15440478.2021.1924339	Article	2-s2.0-85107325322

141	2022	Synthesis and characterization of graphene oxide reinforced triphenyl pyridine-based polyimide composites having UV shielding and low k properties	Kumar S, Hariharan A, Muthukaruppan A, Roy D., Dinakaran K.	Composite Interfaces	10.1080/09276440.2021.1888619	Article	2-s2.0-85103569988
142	2022	Enhancement of Mechanical Behavior of PLA Matrix Using Tamarind and Date Seed Micro Fillers	Nagarjun J., Kanchana J., Rajeshkumar G., Manimaran S., Krishnaprakash M.	Journal of Natural Fibers	10.1080/15440478.2020.1870616	Article	2-s2.0-85100073013
143	2022	Tribological and Thermo-Mechanical Performance of Chemically Modified Musa Acuminata / Corchorus Capsularis Reinforced Hybrid Composites	Karthi N., Kumaresan K., Rajeshkumar G., Gokulkumar S., Sathish S.	Journal of Natural Fibers	10.1080/15440478.2020.1870614	Article	2-s2.0-85099866201
144	2022	An Investigation into the Mechanical and Wear Characteristics of Hybrid Composites: Influence of Different Types and Content of Biodegradable Reinforcements	Sumesh K.R., Kavimani V., Rajeshkumar G., Ravikumar P., Indran S.	Journal of Natural Fibers	10.1080/15440478.2020.1821297	Article	2-s2.0-85091346335
145	2022	An Investigation into the Tribological Properties of Bidirectional Jute/Carbon Fiber Reinforced Polyester Hybrid Composites	Ravikumar P., Suresh A.R., Rajeshkumar G.	Journal of Natural Fibers	10.1080/15440478.2020.1764444	Article	2-s2.0-85085307683
146	2022	Cost effective energy consumption in a residential building by implementing demand side management in the presence of different classes of power loads	Hemanth G.R., Charles Raja S., Jeslin Drusila Nesamalar J., Senthil Kumar J.	Advances in Building Energy Research	10.1080/17512549.2020.1752799	Article	2-s2.0-85083550745
147	2022	Improvement of Mechanical Properties of Coir/Epoxy Composites through Hybridization with Sisal and Palmyra Palm Fibers	Nagarjun J., Kanchana J., Rajesh Kumar G.	Journal of Natural Fibers	10.1080/15440478.2020.1745126	Article	2-s2.0-85082971787
148	2022	Physio-mechanical Characterization and Thermal Property Evaluation of Polylactic Acid/Waste	Aslan M., Gananiar K., Büyükkaya K., Ezzatkhah A., Alver I., Sundaresan T.K.	Journal of Testing and Evaluation	10.1520/JTE20220435	Article	2-s2.0-85149045014

		Hazelnut Shell Flour Composite with Inorganic Additives					
--	--	---	--	--	--	--	--