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Journal Publication - Academic Year (2022-2023)

S.No	Name of the Author	Title of the paper	Name of the Journal / Conference	Volume No, Issue No Page No Month & Year	Indexing Scopus/ SCI/ SCIE/ wosetc	Online Link of the paper (by clicking this link, paper should opened in online)
1	M.Kumar	Enhancing UV resistance of tio2 reinforced Kevlar 29 fiber using Sol.Gel & Low.temperature Hydrothermal Processes	Polymer.Plastics Technology and Materials	Https://doi.org/10.1080/25740881.2022.2096469	SCI	Https://www.tandfonline.com/doi/citedby/10.1080/25740881.2022.2096469?Scroll=top&needaccess=true
2	M.Makeshkumar	Effect of hybridization of novel African teff and snake grass fibers reinforced epoxy composites with bio castor seed shell filler: Experimental investigation	Polymers and Polymer Composites	Volume 30: 1–11	SCI	Https://journals.sagepub.com/doi/pdf/10.1177/09673911221102288
3	P.Manoj Kumar	Evaluating Suppliers Using AHP in a Fuzzy Environment and Allocating Order Quantities to Each Supplier in a Supply Chain	Mathematical Problems in Engineering	Https://doi.org/10.1155/2022/8695983	SCI	Https://www.hindawi.com/journals/mpe/2022/8695983/
4	B.Arulmurugan	Investigation of Tensile	Materials	2022 Jul	SCI	Https://pubmed.ncbi.nlm.nih.gov/

		Properties of Different Infill Pattern Structures of 3D.Printed PLA Polymers: Analysis and Validation Using Finite Element Analysis in ANSYS		25;15(15):5142.		35897575/
5	S.Sathish	Effect of Various Factors on Plant Fibre.Reinforced Composites with Nanofillers and Its Industrial Applications: A Critical Review	Journal of Nanomaterials	Https://doi.org/10.1155/2022/4455106	SCI	Https://www.hindawi.com/journals/jnm/2022/4455106/
6	P.Manoj Kumar	"Influence of Planetary Ball Mill Parameters on Powder Flowability of alsi10mg with Niobium Carbide Using Central Composite Design (CCD)	Advances in Materials Science and Engineering,	Https://doi.org/10.1155/2022/2869225	Scopus	Https://www.hindawi.com/journals/amse/2022/2869225/
7	P.Manoj Kumar	Study on Sintered Wick Heat Pipe (SWHP) with cuo Nanofluids under Different Orientation	Journal of Nanomaterials	Https://doi.org/10.1155/2022/4455106	SCI	Https://www.hindawi.com/journals/jnm/2022/7158228/
8	S.Gokulkumar	Investigation and analysis of sound.absorbing properties of waste tea leaf	Proceedings of the Institution of Mechanical	Https://doi.org/10.1177/1464420722	Scopus	Https://journals.sagepub.com/doi/abs/10.1177/14644207221116032

		fiber as fillers in pineapple leaf/glass fiber.reinforced composites	Engineers, Part L: Journal of Materials: Design and Applications	11160		?Ai=1gvoi&mi=3ricys&af=R
9	S.Sathish	Effect of African Teff Fiber Loading on Mechanical Properties of Snake Grass and Glass Fibers Reinforced Composites	Neuroquantology	20, 8, 3774.3781, 2022,	SCI	10.14704/nq.2022.20.8.NQ44407
10	L.Rajeshkumar	Influence of Vachellia nilotica Subsp. Indica Tree Trunk Bark Nano.powder on Properties of Milkweed Plant Fiber Reinforced Epoxy Composites	Journal of Natural Fibers	Aug 2022 https://doi.org/10.1080/15440478.2022.2106341	SCI / Q1	Https://www.tandfonline.com/doi/abs/10.1080/15440478.2022.2106341
11	L.Rajeshkumar	Improving the mechanical properties of jute fiber woven mat reinforced epoxy composites with addition of zinc oxide filler	E3S Web of Conferences	01.08.2022 E3S Web Conf.Volume 355, 2022,2022 Research, Invention, and Innovation Congress (RI²C 2022) https://doi.org/10.1		Https://www.e3s.conferences.org/articles/e3sconf/abs/2022/22/e3sconf_ri2c2022_02006/e3sconf_ri2c2022_02006.html

				051/e3sconf/20223 5502006		
12	L.Rajeshkumar	Performance assessment of vegetable oil–based MQL in milling of additively manufactured alsi10mg for sustainable production	Biomass Conversion and Biorefinery	01 July 2022 https://doi.org/10.1 007/s13399.022.02 967.3	SCI, Q1	Https://link.springer.com/article/1 0.1007/s13399.022.02967.3
13	S.Sathish	Effect of Various Factors on Plant Fibre.Reinforced Composites with Nanofillers and Its Industrial Applications: A Critical Review	Journal of Nanomaterials	Volume 2022, Article ID 4455106, 23 pages https://doi.org/10.1 155/2022/4455106	SCI	Https://downloads.hindawi.com/jo urnals/jnm/2022/4455106.pdf
14	D.Balaji	Forecast the artificial intelligence abetted desalination process with the aid of patent landscape analysis – a teeny review	Desalination and Water Treatment	261 (2022) 33–41 June doi: 10.5004/dwt.2022. 28509	SCI	Https://www.deswater.com/DWT _abstracts/vol_261/261_2022_33. pdf
15	L.Rajeshkumar	Introduction to bio.based packaging materials	Physical Sciences Reviews.	Https://doi.org/10. 1515/psr.2022.000 6.	Wos/ Q4	Https://www.degruyter.com/docu ment/doi/10.1515/psr.2022.0006/h tml
16	L.Rajeshkumar	Introduction to bio.based packaging materials	Physical Sciences	Https://doi.org/10. 1515/psr.2022.000	Wos/Q4	Https://www.degruyter.com/docu ment/doi/10.1515/psr.2022.0006/h

			Reviews.	6.		tml
17	P.Manoj Kumar	Experimental Analysis of Mechanical and Thermal Characteristics of Luffa/Epoxy Polymer Composite under the Influence of Nanosilica	Advances in Materials Science and Engineering	Https://doi.org/10.1155/2022/6040629	SCI	Https://downloads.hindawi.com/journals/amse/2022/6040629.pdf
18	P.Manoj Kumar	Microstructural and Mechanical Characteristics of Pure.Cu/brass Dissimilar Joints Welded by Friction Stir Welding Using Various Process Parameters	Advances in Materials Science and Engineering	Https://doi.org/10.1155/2022/2234352	SCI	Https://www.hindawi.com/journals/amse/2022/2234352/
19	S.Dharani Kumar	Ballistic studies on Kevlar.glass fibre hybrid laminated epoxy composites.	High Performance Polymers	Https://doi.org/10.1177/09540083221117065	SCI	Https://journals.sagepub.com/doi/abs/10.1177/09540083221117065
20	L.Rajeshkumar	Redeemable environmental damage by recycling of industrial discarded and virgin glass fiber mats in hybrid composites—An exploratory investigation	Polymer Composites	September 2022 https://doi.org/10.1002/pc.27047	SCI	Https://onlinelibrary.wiley.com/doi/abs/10.1002/pc.27047
21	N.Karthi	Physical and Mechanical Properties of Randomly	Materials	Https://doi.org/10.	Scopus	Https://www.scientific.net/MSF.1

		Oriented Natural Fiber Hybrid Composites for Exterior Applications	Science Forum,	4028/p.hfs96t		070.89
22	S.Dharani Kumar	Multi.response optimization of AISI H11 using Taguchi and Grey relational analysis	Mater. Res. Express	9 (2022) 106508	SCI	Https://iopscience.iop.org/article/10.1088/2053.1591/ac95fe/pdf
23	T.Amrit Kumar	Performance analysis of tubular solar still with different water depths on corrugated and flat absorbers	Journal of Water Supply: Research and Technology.Aqua jws2022253	October 2022 https://doi.org/10.2166/aqua.2022.253	SCIE	Https://iwaponline.com/aqua/article/doi/10.2166/aqua.2022.253/91486
24	T.Amrit Kumar	A review about COVID.19 in the MENA region: environmental concerns and machine learning applications	Environmental Science and Pollution Research (2022)	01.10.2022 https://doi.org/10.1007/s11356.022.23392.z	SCI	Https://link.springer.com/article/10.1007/s11356.022.23392.z
25	D.Balaji	An Improvised Image Registration Technique for Brain Tumor Identification and Segmentation Using ANN Approach	2022 6th International Conference on Devices, Circuits and Systems (ICDCS) IEEE	2022 DOI: 10.1109/ICDCS54290.2022.9780846	Scopus	Https://ieeexplore.ieee.org/abstract/document/9780846
26	L.Rajeshkumar	Influence of filler material on properties of	E .Polymers	01.10.2022 e .Polymers 2022;	SCIE	Https://www.degruyter.com/document/doi/10.1515/epoly.2022.008

		fiber.reinforced polymer composites: A review		22: 898 –916 https://doi.org/10.1515/epoly .2022.0080		0/html
27	P.Manoj Kumar	Study on the mechanical properties of a hybrid polymer composite using egg shell powder based bio.filler	Material Today Proceedings	Https://doi.org/10.1016/j.matpr.2022.07.114	Scopus	Https://www.sciencedirect.com/science/article/pii/S2214785322047368
28	P.Manoj Kumar	Analyzing thermal characteristics of an inorganic phase change material	Material Today Proceedings	Https://doi.org/10.1016/j.matpr.2022.07.217	Scopus	Https://www.sciencedirect.com/science/article/pii/S2214785322048362
29	S.Deepan	Integration of Lean Principles with Fuzzy FMEA in a Small Scale Casting Industry	Journal of Physics: Conference Series	2272 012029	Scopus	Https://iopscience.iop.org/article/10.1088/1742.6596/2272/1/012029/pdf
30	S.Dharani Kumar	Novel insights on different treatment of magnesium alloys: A critical review	Heliyon	Volume 8, Issue 11,	SCI	Https://www.sciencedirect.com/science/article/pii/S2405844022030006
31	S.Dharani Kumar	Study of Wear, Stress and Vibration Characteristics of Silicon Carbide Tool Inserts and Nano Multi.Layered	Materials	15, no. 22: 7994. Https://doi.org/10.3390/ma15227994	SCI	Https://www.mdpi.com/1996.1944/15/22/7994

		Titanium Nitride.Coated Cutting Tool Inserts in Turning of SS304 Steels				
32	S.Sathish	Influence of Acacia concinna and Vachellia nilotica seed nanopowder on the properties of short Turkish hemp–reinforced epoxy composites.	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications.	10.1177/14644207221145463	SCI	Https://journals.sagepub.com/doi/full/10.1177/14644207221145463
33	V.Bhuvaneswari	A Critical Review on Hygrothermal and Sound Absorption Behavior of Natural.Fiber.Reinforced Polymer Composites	Polymers	2022, Volume 14 Issue 21 10.3390/polym14214727	SCI	Https://www.mdpi.com/2073.4360/14/21/4727
34	V.Bhuvaneswari	Synthesis and Characterization of Bioceramics Reinforced Aluminium Matrix Composites	Archives of Metallurgy and Materials	67 (2022), 4, 1217.1226	SCI	Http://www.imim.pl/files/archiwum/Vol4_2022/03.pdf
35	V.Bhuvaneswari	Effect of Fiber Orientation on Physical and Mechanical Properties of Typha angustifolia Natural Fiber	Applied Science and Engineering Progress	16 (3), 2023, 6497, http://dx.doi.org/10.14416/j.asep.202	Scopus	Https://ojs.kmutnb.ac.th/index.php/ijst/article/view/6497

		Reinforced Composites		2.11.004		
36	V.Bhuvaneswari	Sustainable renewable energy generation: A case study based teeny review	Journal of Physics: Conference Series	DOI 10.1088/1742.6596/2272/1/012005	Scopus	Https://iopscience.iop.org/article/10.1088/1742.6596/2272/1/012005
37	K.Ravi Kumar	Study of Ultimate Tensile Strength and Wear Rate of Squeeze Cast Al.Si.Cu Alloy with DOM and TOPSIS Approaches,	Chiang Mai J. Sci.	Https://doi.org/10.12982/CMJS.2022.075 2022; 49(4): 1233.1251,	Scopus	Http://epg.science.cmu.ac.th/ejournal/
38	P.Manoj Kumar	Mechanical and microstructural investigation on AZ91B Mg alloys with tool tilt variation by Friction Stir Welding	Advances in Materials Science and Engineering	Https://doi.org/10.1155/2022/8311413	SCI	Https://www.hindawi.com/journals/amse/2022/8311413/
39	S.Ravishankar	Optimization of Alkali Treatment Process Parameters for Kenaf Fiber: Experiments Design	Journal of Natural Fibers	Nov 2022 Volume 19, 2022 . Issue 11,https://doi.org/10.1080/15440478.2020.1856276	SCI	Https://www.tandfonline.com/doi/abs/10.1080/15440478.2020.1856276
40	S.Ravishankar	A novel and comprehensive mechanism for the energy management of a Hybrid	Energy Reports	Volume 8, Supplement 8, November 2022, Pages 847.862	SCIE	Https://www.sciencedirect.com/science/article/pii/S235248472201931X

		Micro.grid System		https://doi.org/10.1016/j.egyr.2022.09.207		
41	S.Ravishankar	Allocation of optimal energy from storage systems using solar energy	Energy Reports	Volume 8, Supplement 8, November 2022, Pages 836.846 https://doi.org/10.1016/j.egyr.2022.10.033	SCIE	Https://www.sciencedirect.com/science/article/pii/S2352484722019680
42	S.Ravishankar	Role of machine learning in attaining environmental sustainability	Energy Reports	Volume 8, Supplement 8, November 2022, Pages 863.871 https://doi.org/10.1016/j.egyr.2022.09.206	SCIE	Https://www.sciencedirect.com/science/article/pii/S2352484722019308
43	S.Ravishankar	Machine learning Technique for improving the stability of Thermal Energy storage	Energy Reports	Volume 8, Supplement 8, November 2022, Pages 897.907 https://doi.org/10.1016/j.egyr.2022.09.205	SCIE	Https://www.sciencedirect.com/science/article/pii/S2352484722019291

44	S.Ravishankar	Machine Learning Strategy for Solar Energy optimisation in Distributed systems	Energy Reports	Volume 8, Supplement 8, November 2022, Pages 872.881 https://doi.org/10.1016/j.egyr.2022.09.209	SCIE	Https://www.sciencedirect.com/science/article/pii/S2352484722019333
45	S.Ravishankar	Sustainable cooling and heating in smart cities using solar energy system planning	Energy Reports	Volume 8, Supplement 8, November 2022, Pages 826.835 https://doi.org/10.1016/j.egyr.2022.09.208	SCIE	Https://www.sciencedirect.com/science/article/pii/S2352484722019321
46	S.Ravishankar	Machine Learning approach for Prediction of residual energy in batteries	Energy Reports	Volume 8, Supplement 8, November 2022, Pages 756.764 https://doi.org/10.1016/j.egyr.2022.10.027	SCIE	Https://www.sciencedirect.com/science/article/pii/S235248472201962X
47	S.Ravishankar	A mini review on recent advancements in inclined solar still	Energy Reports	Volume 8, Supplement 8, November 2022, Pages 641.645	SCIE/ scopus	Https://www.sciencedirect.com/science/article/pii/S2352484722018984

				https://doi.org/10.1016/j.egyr.2022.09.174		
48	T.Amrit Kumar	Recent Trends in Carbon Nanotube (CNT) based biosensors for fast and sensitive detection of human viruses: A critical review	Nanoscale Advances	Nov 2022 https://doi.org/10.1039/D2NA00236A	SCI	Https://pubs.rsc.org/en/content/articlelanding/2022/na/d2na00236a
49	S.Ravishankar	Evaluating the performance of a hybrid cooling and heating power system using Carbon dioxide energy storage	Energy Reports	Volume 8, Supplement 8, November 2022, Pages 935.944 ISSN: 2352.4847 https://doi.org/10.1016/j.egyr.2022.10.026	SCIE	Https://www.sciencedirect.com/science/article/pii/S2352484722019618
50	S.Ravishankar	Energy efficient tubular solar still for augmented yield using electrical heater	Energy Reports	Volume 8, Supplement 8, November 2022, Pages 959.964 https://doi.org/10.1016/j.egyr.2022.10.283	SCIE	Https://www.sciencedirect.com/science/article/pii/S2352484722022181
51	S.Ravishankar	Performance enhancement of building energy through	Energy Reports	Volume 8, Supplement 8,	SCIE	Https://www.sciencedirect.com/science/article/pii/S2352484722022

		the combination of dynamic insulation panels and phase changing materials		November 2022, Pages 945.958 https://doi.org/10.1016/j.egyr.2022.10.281		168
52	S.Ravishankar	Triangular and single slope solar stills: Performance and yield studies with different water mass	Energy Reports	Https://doi.org/10.1016/j.egyr.2022.10.225	SCIE	Https://www.sciencedirect.com/science/article/pii/S2352484722021618
53	S.Ravishankar	Optimization of transesterification production of biodiesel from Pithecellobium dulce seed oil	Energy Reports	Https://doi.org/10.1016/j.egyr.2022.10.228	SCIE	Https://www.sciencedirect.com/science/article/pii/S2352484722021643
54	S.Ravishankar	Effect of energy storage material on a triangular pyramid solar still operating with constant water depth	Energy Reports	Https://doi.org/10.1016/j.egyr.2022.10.203	SCIE	Https://www.sciencedirect.com/science/article/pii/S2352484722021394
55	S.Ravishankar	A comparative analysis of the role of carbon dioxide in multi.slope solar stills (Nov 2022)	International Journal of Ambient Energy	Https://doi.org/10.1080/01430750.2021.1969686	SCI	Https://www.tandfonline.com/doi/abs/10.1080/01430750.2021.1969686
56	L.Rajeshkumar	Sustainable and Renewable Nano.biocomposites for	Current Analytical	Nov 2022 DOI: 10.2174/15734110	Wos	Https://www.eurekaselect.com/art

		Sensors and Actuators: A Review on Preparation and Performance	Chemistry	186662204211129 16		icle/122747
57	S.Ravishankar	Neural Network modelling for prediction of energy in hybrid renewable energy systems	Energy Reports	Volume 8, Supplement 8, November 2022, Pages 999.1008 https://doi.org/10.1 016/j.egyr.2022.10 .284	SCIE	Https://www.sciencedirect.com/sc ience/article/pii/S2352484722022 193
58	N.Karthi	Acoustical behavior of camellia sinensis/ananas comosus fiber based uni.directional corrugated panel for sound damping application	Mater. Res. Express	DOI 10.1088/2053.159 1/acae22	SCI	Https://iopscience.iop.org/article/1 0.1088/2053.1591/acae22
59	P.Manoj Kumar	Design and Performance Optimization of a Solar Still using Nano.Coated Condensing Glass	International Journal on Interactive Design and Manufacturing	Https://doi.org/10. 1007/s12008.022.0 1168.6	Scopus	Https://link.springer.com/article/1 0.1007/s12008.022.01168.6#citea s
60	P.Manoj Kumar	Modelling and Analysis of an N.DPCM (Nano.Doped PCM) Integrated Solar	International Journal on Interactive Design and	Https://doi.org/10. 1007/s12008.022.0 1159.7#citeas	Scopus	Https://link.springer.com/article/1 0.1007/s12008.022.01159.7#citea s

		Water Heater using CFD	Manufacturing			
61	P.Manoj Kumar	Mechanical and Thermal Properties of Bamboo Fiber–Reinforced PLA Polymer Composites: A Critical Study	International Journal of Polymer Science	Https://doi.org/10.1155/2022/1332157	SCI	Https://www.hindawi.com/journals/ijps/2022/1332157/
62	S.Arivazhagan	Multi.objective optimization and prediction of surface roughness and printing time in FFF printed ABS polymer.	Scientific Reports	12, 16887, https://doi.org/10.1038/s41598.022.20782.8	SCI	Https://www.nature.com/articles/s41598.022.20782.8#citeas
63	T.Amrit Kumar	Critical Review on Internal and External Battery Thermal Management Systems for Fast Charging Applications	Advanced Energy Materials	08 December 2022 https://doi.org/10.1002/aenm.202202944	SCIE Q1	Https://onlinelibrary.wiley.com/doi/abs/10.1002/aenm.202202944
64	K.Ravi Kumar	Investigation of fused deposition modeling parameters on mechanical properties and characterization of ABS/carbon fiber composites.	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering.	Https://doi.org/10.25384/SAGE.c.6437154.v1	SCI	Https://journals.sagepub.com/doi/abs/10.1177/09544089231156068

65	P.Manoj Kumar	Experimental investigations on the performance of a single slope solar still with thermal energy storage	Materials Today: Proceedings	Https://doi.org/10.1016/j.matpr.2022.12.221.	Scopus	Https://www.sciencedirect.com/science/article/pii/S2214785322075939?Dgcid=author
66	V.Bhuvaneswari	Effect of limestone powder as bioceramic reinforcement on mechanical and tribological properties of aluminium matrix composites	Materials Today: Proceedings	Https://doi.org/10.1016/j.matpr.2022.12.154	Scopus	Https://www.sciencedirect.com/science/article/pii/S2214785322075265?Via%3Dihub
67	D.Balaji	Role of Liquid Metal in Flexible Electronics and Envisage with the Aid of Patent Landscape: A Conspicuous Review	Electronic Materials Letters	January, 2023 https://doi.org/10.1007/s13391.023.00407.6	SCI	Https://link.springer.com/article/10.1007/s13391.023.00407.6
68	K.Saravanan	Synthesizes of Nanocatalyst for the Production of Biodiesel from Tannery Sludge; Characterization and Optimization	Theoretical Foundations of Chemical Engineering	Jan 2023 volume 56, pages1140–1146 https://doi.org/10.1134/S0040579522060240	SCIE	Https://link.springer.com/article/10.1134/S0040579522060240
69	L.Rajeshkumar	Carbon nano.materials (cnms) derived from biomass for energy storage	Carbon Letters (2023)	Https://doi.org/10.1007/s42823.023.00478.3	SCI/ Q2	Https://link.springer.com/article/10.1007/s42823.023.00478.3

		applications: a review				
70	P.Manoj Kumar	Energy and Exergy Enhancement Study on PV Systems with Phase Change Material	Sustainability	15,4, 2023	SCI	Https://www.mdpi.com/2071.1050/15/4/3627
71	S.Dharani Kumar	Fracture toughness of bio.fiber reinforced polymer composites. a review	Materials Today: Proceedings	Https://doi.org/10.1016/j.matpr.2023.01.334.	Scopus	(https://www.sciencedirect.com/science/article/pii/S2214785323004248)
72	L.Rajeshkumar	A comprehensive review on plant-based natural fiber reinforced polymer composites: Fabrication, properties, and applications. Polymer Composites.	Polymer Composites	Feb 2023 https://doi.org/10.1002/pc.27274	SCI/ Q2	Https://4spepublications.onlinelibrary.wiley.com/doi/abs/10.1002/pc.27274
73	T.Amrit Kumar	A Review on cnts.Based Electrochemical Sensors and Biosensors: Unique Properties and Potential Applications	Critical Reviews in Analytical Chemistry	Feb 2023 https://doi.org/10.1080/10408347.2023.2171277	Scopus/ Q1	Https://www.tandfonline.com/doi/abs/10.1080/10408347.2023.2171277
74	P.Manoj Kumar	Evaluating the effect of magnesium oxide nanoparticles on the thermal energy storage characteristics of the	Materials Today: Proceedings,	Https://doi.org/10.1016/j.matpr.2023.02.297.	Scopus	Https://www.sciencedirect.com/science/article/abs/pii/S2214785323008611

		inorganic PCM				
75	S.Sathish	Taguchi fuzzy multi.response optimization of process parameters in compression molding of natural hybrid composite	Iranian Polymer Journal	Https://doi.org/10.1007/s13726.023.01168.7	SCI	Https://link.springer.com/article/10.1007/s13726.023.01168.7#citeas
76	T.Amrit Kumar	Performance enhancement of solar desalination using evacuated tubes, ultrasonic atomizers, and cobalt oxide nanofluid integrated with cover cooling	Process Safety and Environmental Protection	Volume 171, March 2023, Pages 98.108 https://doi.org/10.1016/j.psep.2023.01.009	SCI	Https://www.sciencedirect.com/science/article/abs/pii/S0957582023000101
77	R.Senthilkumar	Silk Fibroin.Based Piezoelectric Sensor with Carbon Nanofibers for Wearable Health Monitoring Applications	Sensors	Volume 23 Issue 3 10.3390/s23031373	SCI/ Q1	Https://www.mdpi.com/1424.8220/23/3/1373
78	L.Rajeshkumar	Synthesis and thermo.mechanical properties of bioplastics and biocomposites: A systematic review	Journal of Materials Chemistry B	March 2023 DOI: 10.1039/D2TB02221D	SCIE, Q1	Https://pubs.rsc.org/en/content/articlehtml/2023/tb/d2tb02221d
79	T.Amrit Kumar	Performance evaluation of external compound parabolic	Environmental Science and	March 2023 https://doi.org/10.1	SCIE,	Https://link.springer.com/article/1

		concentrator integrated with thermal storage tank for domestic solar refrigeration system (March 2023)	Pollution Research	007/s11356.023.26399.2		0.1007/s11356.023.26399.2
80	D.Mohankumar	Experimental investigation on performance, emission and combustion characteristics of neem oil bio diesel using ethanol blend	Materials Today: Proceedings,	Https://doi.org/10.1016/j.matpr.2023.01.352	Scopus	(https://www.sciencedirect.com/science/article/pii/S2214785323004479)
81	P.Manoj Kumar	Hybrid PV/T Heat Pump system with PCM for combined heating, cooling and power provision in Buildings	Buildings	Https://doi.org/10.3390/buildings13051133	SCI	Https://www.mdpi.com/2075.5309/13/5/1133
82	S.Gokulkumar	Preparation, Characteristics, and Application of Biopolymer Materials Reinforced with Lignocellulosic Fibres	International Journal of Polymer Science	Https://doi.org/10.1155/2023/1738967	SCI	Https://www.hindawi.com/journals/ijps/2023/1738967/
83	S.Vasanthaseelan	Comparative Assessment of Low.Concentration Ethanol and Waste Fish Oil Biodiesel Blends on Emission Reduction and	Journal of Thermal Science	Https://doi.org/10.1007/s11630.023.1757.3	SCI	Https://link.springer.com/article/10.1007/s11630.023.1757.3#citeas

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