

Journal Publication - Academic Year (2021-2022)

S.No	Name of the Author	Title of the paper	Name of the Journal / Conference	Indexing Scopus / SCI/ SCIE/ wosetc	Online Link of the paper (by clicking this link, paper should opened in online)
1	K Ravikumar	Investigation and optimization of machining through hole by abrasive water jet machining AA6063/Bagasseash/tin hybrid composites	Materials and Manufacturing Processes	SCI	https://www.tandfonline.com/doi/abs/10.1080/10426914.2021.1954194?Journalcode=lmp20
2	K. R. Sumesh	Improvement on mechanical and flame retardancy behaviour of bio.exfoliated graphene.filled epoxy/glass fibre composites using compression moulding approach	Polymer Bulletin	SCI	https://link.springer.com/article/10.1007/s00289-021-03810-x
3	K. R. Sumesh	The influence of different parameters in tribological characteristics of pineapple/sisal/tio2 filler incorporation	Journal of Industrial Textiles	SCI	https://doi.org/10.1177/15280837211022614
4	L.Rajeshkumar	Effect of Deep Cryogenic Treatment on Tool Life of Multilayer Coated Carbide Inserts by Shoulder Milling of En8 Steel	Journal of Brazilian Society of Mechanical sciences and Engineering	SCI	https://link.springer.com/article/10.1007/s40430-021-03100-7
5	P. Arunkumar	Optimization of UAV structure & evaluation of vibrational and fatigue characteristics	International Journal for Simulation and	Scopus	https://www.ijsmdo.org/articles/smdo/abs/

		through simulation studies	Multidisciplinary Design Optimization		2021/01/smdo210080/smdo210080.html
6	Ravishankar Sathyamurthy	Annual Yield, Energy and Economic Analysis of Tubular Solar Stills with Phase Change Material and Nano.enhanced Phase Change Material	Lecture Notes on Data Engineering and Communications Technologies Springer	Scopus	https://link.springer.com/chapter/10.1007/978.3.030.79206.0_35
7	Ravishankar Sathyamurthy	Infrared thermography.based condition monitoring of solar photovoltaic systems: A mini review of recent advances	Solar Energy	SCI	https://www.sciencedirect.com/science/article/abs/pii/S0038092X21003960
8	Ravishankar Sathyamurthy	A comparative energy and exergy efficiency study of hemispherical and single.slope solar stills	Environmental Science and Pollution Research International; Heidelberg	SCI	https://www.proquest.com/openview/251c1caf9790f3d67b9b6c7d0e3d3a8f/1?Pq.orsite=gscholar&cbl=54208
9	Ravishankar Sathyamurthy	An experimental approach on the utilization of palm oil biodiesel with higher concentration of Al ₂ O ₃ nanoadditive for performance enhancement and emission reduction	Environmental Science and Pollution Research	SCI	https://link.springer.com/article/10.1007/s11356.022.22028.6
10	Ravishankar Sathyamurthy	A case study of SARS.cov.2 transmission behavior in a severely air.polluted city (Delhi, India) and the potential usage of graphene based materials for filtering air.pollutants and	Environmental Science: Processes & Impacts	SCI	https://pubs.rsc.org/en/content/articlelanding/2021/em/d1em00034a/unauth

		controlling/monitoring the COVID.19 pandemic			
11	Ravishankar Sathyamurthy	Combined effects of composite thermal energy storage and magnetic field to enhance productivity in solar desalination	Renewable energy	SCI	https://www.sciencedirect.com/science/article/abs/pii/S0960148121011307
12	Ravishankar Sathyamurthy	Modeling and simulation of single. and double.diode PV solar cell model for renewable energy power solution	Environmental Science and Pollution Research	SCI	https://link.springer.com/article/10.1007/s11356.021.15870.7
13	Ravishankar Sathyamurthy	Exergy and energy analysis of a tubular solar still with and without fins: a comparative theoretical and experimental approach	Environmental Science and Pollution Research	SCI	https://link.springer.com/article/10.1007/s11356.021.16065.w
14	Ravishankar Sathyamurthy	Energy and exergy analysis of conventional acrylic solar still with and without copper fins	Environmental Science and Pollution Research	SCI	https://link.springer.com/article/10.1007/s11356.021.16124.2
15	Ravishankar Sathyamurthy	A Comparative Analysis of the Role of Carbon dioxide in Multi Slope Solar Stills	International Journal of ambient energy	Scopus	https://www.tandfonline.com/doi/abs/10.1080/01430750.2021.1969686
16	P. Manoj Kumar	A comprehensive study on thermal storage characteristics of nano.ceo2 embedded phase change material and its influence on the performance of evacuated tube solar water heater	Renewable Energy (2020)	SCI	https://www.sciencedirect.com/science/article/abs/pii/S0960148120313677

17	P. Manoj Kumar	Study on the mechanical properties of the nanoconcrete using nano.tio ₂ and nanoclay	Materials Today: Proceedings	Scopus	https://www.sciencedirect.com/science/article/pii/S2214785321056856#!
18	P. Manoj Kumar	Investigating the Effect of Thermal Cycling on Thermal Characteristics of the Nano.Silica based Phase Changing Material (PCM).	Materials Today: Proceedings	Scopus	https://www.sciencedirect.com/science/article/pii/S2214785321058922
19	P. Manoj Kumar	Thermal Performance of a Double.Glazed Window Integrated with a Phase Change Material (PCM)	Materials Today: Proceedings	Scopus	https://www.sciencedirect.com/science/article/pii/S221478532105896X
20	Ravishankar Sathyamurthy	Enhancing the solar still output using micro/nano.particles of aluminum oxide at different concentrations: An experimental study, energy, exergy and economic analysis	Sustainable Materials and Technologies	SCI	https://www.sciencedirect.com/science/article/abs/pii/S2214993721000464
21	Ravishankar Sathyamurthy	Prediction of Biodiesel Production from Sardine Fish Oil Methyl Ester Using Microwave Assisted Transesterification Method Using Response Surface Methodology	SAE Powertrains, Fuels & Lubricants Digital Summit	Scopus	https://www.sae.org/publications/technical.papers/content/2021.01.1202/
22	Ravishankar Sathyamurthy	Performance analysis of a tubular solar dryer for drying Mexican mint (Plectranthus amboinicus) — An experimental approach	Energy Reports	SCI	https://www.sciencedirect.com/science/article/pii/S2352484721003449
23	Ravishankar Sathyamurthy	Exploring the thermo.physical characteristic of novel multiwall carbon nanotube . Therminol.55 based nanofluids for	Environmental Science and Pollution Research	SCI	https://link.springer.com/article/10.1007/s11356.021.16393.x

		solar.thermal applications			
24	Ravishankar Sathyamurthy	Exploring the photo.thermal conversion behaviour and extinction coefficient of activated carbon nanofluids for direct absorption solar collector applications	Environmental Science and Pollution research	SCI	https://link.springer.com/article/10.1007/s11356.021.16637.w
25	V.Bhuvaneshwari	Influence of bioceramic reinforcement on tribological behavior of aluminium alloy metal matrix composites: Experimental study and analysis	Journal of Materials Research and Technology	SCI	https://www.sciencedirect.com/science/article/pii/S2238785421010802
26	Arivazhagan S	Multi objective optimization of FSW process parameters to enhance the tensile strength and hardness of AA7068 welded joints	Surface Topography: Metrology and Properties	Scopus	https://www.semanticscholar.org/paper/Multi-objective-optimization-of-FSW-process-to-the-K..M./4a268c54cd132d3fa5d729c8ed957b364ca81132
27	B. Arulmurugan	Influence of Fiber Volume and Fiber Length on Thermal and Flexural Properties of a Hybrid Natural Polymer Composite Prepared with Banana Stem, Pineapple Leaf, and S.Glass	Advances in Materials Science and Engineering,	SCI	https://www.hindawi.com/journals/amse/2021/6329400/
28	K. R. Sumesh	Investigation on the mechanical properties of ramie/kenaf fibers under various parameters using GRA and TOPSIS methods	Polymer Composites	SCI	https://onlinelibrary.wiley.com/doi/abs/10.1002/pc.26362
29	P. Arunkumar	Investigation on effect of process parameters in abrasive Jet Machining process using full	Materials Today: Proceedings,	Scopus	https://www.sciencedirect.com/science/article/pii/S2214785321045351

		factorial design			
30	P. Manoj Kumar	Comparative analysis of Drilling Behaviour of Synthetic and Natural Fiber.Based Composites	Advances in Materials Science and Engineering	SCI	https://www.hindawi.com/journals/amse/2021/9019334/
31	Ravishankar Sathyamurthy	Optimization of thermal efficiency on solar parabolic collectors using phase change materials — experimental and numerical study	Environmental Science and Pollution Research	SCI	https://link.springer.com/article/10.1007/s11356-021-16705-1
32	Ravishankar Sathyamurthy	Fine.tuned artificial intelligence model using pigeon optimizer for prediction of residual stresses during turning of Inconel 718	Journal of Materials Research and Technology	SCI	https://www.sciencedirect.com/science/article/pii/S2238785421011078#!
33	Ravishankar Sathyamurthy	Experimental Study on the Drilling Parameter Analysis of Banana Fiber Reinforced Vajram Mixed Phenolic Resin Composite Laminates	Journal of Natural Fibers	SCI	https://www.tandfonline.com/doi/abs/10.1080/15440478.2021.1993412
34	Ravishankar Sathyamurthy	Effects of ultasonication and surfactant on the thermal and electrical conductivity of water – Solar glycol mixture based Al ₂ O ₃ nanofluids for solar.thermal applications	Sustainable Energy Technologies and Assessments	SCI	https://www.sciencedirect.com/science/article/abs/pii/S2213138821003817#!
35	Ravishankar Sathyamurthy	Experimental investigation of an active inclined solar panel absorber solar still . Energy and Exergy analysis	Environmental Science and Pollution Research	SCI	https://link.springer.com/article/10.1007/s11356-021-16444-3
36	C. Senthil	Experimental investigation of Al7075 reinforced with WC and sic metal matrix	Materials Today:	Scopus	https://www.sciencedirect.com/science/art

	kumar	composites	Proceedings,		icle/pii/S2214785321067468
37	L.Rajeshkumar	Leaf fibres as reinforcements in green composites: a review on processing, properties and applications	Emergent Materials	SCI	https://link.springer.com/article/10.1007/s42247-021-00310-6
38	L.Rajeshkumar	Optimization of drilling process parameters for self.lubricants reinforced aluminium metal matrix composites	Materials Today: Proceedings	Scopus	https://www.sciencedirect.com/science/article/pii/S2214785321072035
39	M Makeshkumar	Investigation into Mechanical Properties and Sliding Wear Behavior of Friction Stir Processed Surface Composite Material	Advances in Materials Science and Engineering	SCI	https://www.hindawi.com/journals/amse/2021/8337568/
40	M. Kumar	Investigation on the effect of stacking sequence on mechanical properties of a basalt and carbon fiber hybrid composite	Journal of Engg. Research	SCI	https://kuwaitjournals.org/jer/index.php/JER/article/view/15803
41	M. Kumar	Experimental investigation and analysis on effect of fiber orientation on mechanical properties of synthetic and natural fiber reinforced hybrid composite	Journal of Engg. Research	SCI	https://kuwaitjournals.org/jer/index.php/JER/article/view/15719
42	P. Manoj Kumar	Experimental Analysis of the Vapour Compression Refrigeration System with Microchannel Condenser using R134a and r1234yf Refrigerant	Journal of Engg. Research	SCI	https://kuwaitjournals.org/jer/index.php/JER/article/view/15661
43	P. Manoj	Investigation of Drilling Process Parameters	Advances in Materials Science	SCI	https://www.hindawi.com/journals/amse/2021/8337568/

	Kumar	of Palmyra Based Composite	and Engineering		021/4222344/
44	P. Manoj Kumar	Analyzing an evacuated tube solar water heating system using twin.nano/paraffin as phase change material	Materials Today Proceedings	Scopus	https://www.sciencedirect.com/science/article/pii/S2214785321071224#!
45	Ravishankar Sathyamurthy	Augmented performance of solar desalination unit by utilization of nano.silicon coated glass cover for promoting drop.wise condensation	Desalination	SCI	https://www.sciencedirect.com/science/article/pii/S0011916421002629
46	Ravishankar Sathyamurthy	Sea.water desalination using a desalting unit integrated with a parabolic trough collector and activated carbon pellets as energy storage medium	Desalination	SCI	https://www.sciencedirect.com/science/article/pii/S0011916421002885
47	Ravishankar Sathyamurthy	A Critical Review of Recent Development in Li.Ion Battery Cooling Using Advance Phase Change Materials	ECS Transactions	Scopus	https://iopscience.iop.org/article/10.1149/10501.0411ecst/meta
48	Ravishankar Sathyamurthy	A review on carbon nanomaterials for K.ion battery anode: Progress and perspectives	International Journal of Energy Research	SCI	https://onlinelibrary.wiley.com/doi/abs/10.1002/er.7508
49	Ravishankar Sathyamurthy	A Comparative Investigation of Energy Storage Potential of Nanoparticles Doped in Black Paint Coated Absorber for Solar Desalination Application	Composite Materials for Extreme Loading, Lecture Notes in Mechanical Engineering,	Scopus	https://link.springer.com/chapter/10.1007/978.981.16.4138.1_4
50	Ravishankar	Optimizing the performance of hemispheric solar still using nano.zno with cooling the	Applied	SCI	https://link.springer.com/article/10.1007/s

	Sathyamurthy	glassy cover at a variable water flow rate	Nanoscience		13204.021.02170.2
51	S. Vasanthaseelan	Multi.intractable analysis for alternative Diesel–Ethanol–Canola methyl ester ternary blend	Energy Reports	SCI	https://www.sciencedirect.com/science/article/pii/S2352484721011951
52	C. Senthil kumar	., Review – Investigation of bio.absorbable magnesium AZ91 alloy using powder metallurgy technique	Materials Today: Proceedings,	Scopus	https://www.sciencedirect.com/science/article/pii/S2214785321078500
53	N. Vigneshkumar	Experimental analysis of the metal roofed industrial building using nano.silica disbanded crude wax (NDCW	Materials Today: Proceedings	Scopus	https://www.sciencedirect.com/science/article/pii/S2214785321079839
54	P. Manoj Kumar	Thermal analysis of a double.glazing window using a Nano.Disbanded Phase Changing Material (NDPCM)	Materials Today: Proceedings,	Scopus	https://www.sciencedirect.com/science/article/pii/S221478532107560X
55	P. Manoj Kumar	Investigating the influence of nanoparticle disbanded phase changing material (NDPCM) on the working of solar PV	Materials Today: Proceedings,	Scopus	https://www.sciencedirect.com/science/article/pii/S2214785321074423
56	S. Gokulkumar	Experimental Study on the Sound Absorption Properties of Finger Millet Straw, Darbha, and Ripe Bulrush Fibers	Advances in Materials Science and Engineering	SCI	https://www.hindawi.com/journals/amse/2021/7382044/
57	S.N. Dinesh	Lead time reduction and process enhancement for a low volume product	Materials Today: Proceedings	Scopus	https://www.sciencedirect.com/science/article/pii/S2214785321079700

58	B. Arulmurugan	Processing of Aluminium.Silicon Alloy with Metal Carbide as Reinforcement through Powder.Based Additive Manufacturing,	Scanning	SCI	https://www.hindawi.com/journals/scanning/2022/5610333/
59	K Ravikumar	Investigation on Inorganic Salts K_2TiF_6 and KBF_4 to Develop Nanoparticles Based TiB_2 Reinforcement Aluminium Composites	Bioinorganic Chemistry and Applications Hindawi	SCI	https://www.hindawi.com/journals/bca/2022/8559402/
60	K Ravikumar	Mechanical Properties and Characterization of Polylactic Acid/Carbon Fiber Composite Fabricated by Fused Deposition Modeling	Journal of Materials Engineering and Performance	SCI	https://link.springer.com/article/10.1007/s11665-021-06566-7
61	L.Rajeshkumar	A Critical Review on Wood.Based Polymer Composites: Processing, Properties, and Prospects	Polymers	SCI	File:///C:/Users/Admin/Downloads/polymers.14.00589.pdf
62	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	SCI	https://www.mdpi.com/2073.4360/14/3/589
63	P. Manoj Kumar	Experimental analysis of a heat sink for electronic chipset cooling using a nano improved PCM (NIPCM)	Materials Today: Proceedings	Scopus	https://www.sciencedirect.com/science/article/pii/S2214785322002061
64	P. Manoj Kumar	Characterization of zno/nanofluid for improving heat transfer in thermal systems,	Materials Today: Proceedings	Scopus	https://www.sciencedirect.com/science/article/pii/S2214785322001341

65	P. Manoj Kumar	Performance study on solar still using nano disbanded phase change material (NDPCM)	Materials Today: Proceedings	Scopus	https://www.sciencedirect.com/science/article/pii/S2214785322000761
66	Ravishankar Sathyamurthy	Combined effects of composite thermal energy storage and magnetic field to enhance productivity in solar desalination	Renewable Energy	SCI	https://www.sciencedirect.com/science/article/abs/pii/S0960148121011307
67	Ravishankar Sathyamurthy	Numerical and Experimental Investigation on Enhancing Thermal Conductivity of Paraffin Wax with Expanded Graphene in Battery Thermal Management System	International Journal of Environmental Research	SCI	https://link.springer.com/article/10.1007/s41742.021.00389.z
68	Ravishankar Sathyamurthy	Improving the potable water generation through tubular solar still using eggshell powder (bio.based energy source) as a natural energy storage material — an experimental approach	Environmental Science and Pollution Research	SCI	https://link.springer.com/article/10.1007/s11356.022.18906.8
69	Ravishankar Sathyamurthy	Performance improvements of hemispherical solar still using internal aluminum foil sheet as reflector: energy and exergy analysis	Environmental Science and Pollution Research	SCI	https://link.springer.com/article/10.1007/s11356.021.17973.7
70	Ravishankar Sathyamurthy	Solar distillation meets the real world: a review of solar stills purifying real wastewater and seawater	Environmental Science and Pollution Research	SCI	https://link.springer.com/article/10.1007/s11356.022.18720.2
71	S. Sathish	A Review on the Effect of Various Chemical Treatments on the Mechanical Properties of Renewable Fiber.Reinforced Composites	Advances in Materials Science and Engineering	SCI	https://www.hindawi.com/journals/amse/2022/2009691/

72	S. Sathish	A Review on the Effect of Various Chemical Treatments on the Mechanical Properties of Renewable Fiber.Reinforced Composites	Advances in Materials Science and Engineering	SCI	https://www.hindawi.com/journals/amse/2022/2009691/
73	S. Sathish	Investigation of Weight Fraction and Alkaline Treatment on Catechu Linnaeus/Hibiscus cannabinus/Sansevieria Ehrenbergii Plant Fibers.Reinforced Epoxy Hybrid Composites	Advances in Materials Science and Engineering,	SCI	https://www.hindawi.com/journals/amse/2022/4940531/
74	V. Satish Chandran	Collapsible roof attachment – An all.weather protective shield for two.wheeler drivers	Materials Today: Proceedings	Scopus	https://www.sciencedirect.com/science/article/pii/S2214785322013207
75	V.Bhuvaneshwari	A Critical Review on Wood.Based Polymer Composites: Processing, Properties, and Prospects	Journal of Physics: conference series	Scopus	https://www.mdpi.com/2073.4360/14/3/589
76	B. Arulmurugan	Hot corrosion behaviour of constant and pulsed current welded Hastelloy X in Na ₂ SO ₄ , V ₂ O ₅ , and nacl salt mixture at 900 °C	Materials Research Express	SCI	https://iopscience.iop.org/article/10.1088/2053.1591/ac5355
77	P. Manoj Kumar	Performance and Quality Improvement in a Foundry Industry using Fuzzy MCDM and Lean Methods	Arabian Journal for Science and Engineering	SCI	https://link.springer.com/article/10.1007/s13369.022.06627.6
78	Ravishankar Sathyamurthy	Low.cost bilayered structure for improving the performance of solar stills: Performance/cost analysis and water yield prediction using machine learning	Sustainable Energy Technologies and Assessments	SCI	https://www.sciencedirect.com/science/article/pii/S2213138821007979

79	Ravishankar Sathyamurthy	Comparative studies on performance of solar towers with variable scale ratios	Environmental Science and Pollution Research	SCI	https://link.springer.com/article/10.1007/s11356.022.19079.0
80	Ravishankar Sathyamurthy	Performance improvement of solar still using phosphate granules as energy storing materials: an experimental study	Desalination and Water Treatment	SCI	https://www.deswater.com/DWT_abstracts/vol_250/250_2022_16.pdf
81	D.Balaji	Aerogels as alternatives for thermal insulation in buildings – A comparative teeny review,	Materials Today: Proceedings,	Scopus	https://www.sciencedirect.com/science/article/pii/S2214785322018909
82	K. R. Sumesh	Delamination and surface roughness analysis of jute/polyter composites using response surface methodology: Consequence of sodium bicarbonate treatment	Journal of Industrial Textiles	SCI	https://journals.sagepub.com/doi/abs/10.1177/15280837221077040
83	N. Vigneshkumar	Investigating Mechanical Properties of Hybrid Polymer Composite Reinforced with S.Glass and Luffa Fibres	Journal of Physics: Conference Series	Scopus	https://iopscience.iop.org/article/10.1088/1742.6596/2272/1/012024
84	Ravishankar Sathyamurthy	Mechanical and Visco elastic analysis of sal tree gum incorporated epoxy BIO composite	Journal of Materials Research and Technology	SCI	https://www.sciencedirect.com/science/article/pii/S2238785421015519
85	Ravishankar Sathyamurthy	Exploring the potential of mxene.based advanced solar.absorber in improving the performance and efficiency of a solar.desalination unit for brackish water purification	Desalination	SCI	https://www.sciencedirect.com/science/article/abs/pii/S0011916421005920

86	Ravishankar Sathyamurthy	Development of a novel cellulose foam augmented with candle.soot derived carbon nanoparticles for solar.powered desalination of brackish water	Environmental Science: Nano	SCI	https://pubs.rsc.org/en/content/articlehtml/2022/en/d1en01112j
87	Ravishankar Sathyamurthy	Analysis of a solar still with photovoltaic modules and electrical heater.Energy and exergy approach	Environmental Science and Pollution Research	SCI	https://link.springer.com/article/10.1007/s11356.022.19674.1
88	Ravishankar Sathyamurthy	Water quality analysis of solar still distillate produced from various water sources of El Oued region Algeria	Desalination and Water Treatment	SCI	https://www.deswater.com/DWT_abstracts/vol_253/253_2022_55.pdf
89	S Deepan	Integration of Lean Principles with Fuzzy FMEA in a Small Scale Casting Industry	Journal of Physics: Conference Series	Scopus	https://iopscience.iop.org/article/10.1088/1742.6596/2272/1/012029
90	S. Dharani Kumar	Influence of Post Weld Cryogenic Treatment on the Ballistic Penetration Resistance of Friction Stir.Welded AZ31B Magnesium Alloy	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	SCI	https://journals.sagepub.com/doi/abs/10.1177/09544062221077586
91	S. Ramesh Babu	Performance Assessment of Electrically Converted Diesel Fuel Driven Commercial Vehicle	Journal of Physics: Conference Series	Scopus	https://iopscience.iop.org/article/10.1088/1742.6596/2272/1/012006
92	S. Ramesh	Investigate the performance analysis of	Journal of Physics:	Scopus	https://www.sciencedirect.com/science/art

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	Babu	karanja biodiesel in diesel engine	Conference Series		icle/pii/S2214785321073879
93	T. Kannan	Performance analysis of AA3103 and AA6063 dissimilar weld joints by friction stir welding	Songklanakarin Journal of Science and Technology	Scopus	https://rdo.psu.ac.th/sjstweb/Ar.Press/2021Sep/18.pdf
94	V.Bhuvaneshwari	Sustainable Renewable Energy Generation. A review on applications	Journal of Physics: Conference Series	Scopus	https://iopscience.iop.org/article/10.1088/1742.6596/2272/1/012005/meta
95	B. Arulmurugan	Effect of constant current and pulsed current gas tungsten arc welding process on microstructure and mechanical properties of superalloy 59 joints	Materials Research Express	SCI	https://iopscience.iop.org/article/10.1088/2053.1591/ac6793
96	B. Arulmurugan	Comparative studies on weldability and mechanical characteristics of semi. killed steel using different arc welding technique	Materials Today: Proceedings	Scopus	https://www.sciencedirect.com/science/article/pii/S2214785322022805
97	K Ravikumar	Optimizing Micro.Turning Parameters during Step Turning Process on Titanium Alloy with RSM	Journal of Scientific & Industrial Research	SCI	http://nopr.niscpr.res.in/handle/123456789/59860
98	L.Rajeshkumar	Optimization of Cutting Zone Temperature in Machining of Magnesium Alloy Using Taguchi Method	Technology Innovation in Mechanical Engineering	Scopus	https://link.springer.com/chapter/10.1007/978.981.16.7909.4_42
99	L.Rajeshkumar	Productivity Improvement in a Manufacturing Industry by Using Man–Machine Chart	Technology Innovation in Mechanical	Scopus	https://link.springer.com/chapter/10.1007/978.981.16.7909.4_56

		Analysis	Engineering		
100	N. Karthi	Design of Control Mechanisms for Electrical Groups based on iot Technology, for Monitoring Operating Parameters,"	International Conference on Electronics and Renewable Systems (ICEARS), IEEE	Scopus	https://ieeexplore.ieee.org/document/9751915
101	N. Udhayakumar	An experimental investigation on emission characteristics in CI engine with zinc and vanadium coated catalytic converter	Materials Today: Proceedings	Scopus	https://www.sciencedirect.com/science/article/pii/S2214785322018430
102	P. Manoj Kumar	Selecting the Optimal Green Supplier and Order Allocation under Linear Discount	Mathematical Problems in Engineering	SCI	https://www.hindawi.com/journals/mpe/2022/2453703/
103	Ravishankar Sathyamurthy	A novel solar absorber using activated carbon nanoparticles synthesized from bio.waste for the performance improvement of solar desalination unit	Desalination	SCI	https://www.sciencedirect.com/science/article/abs/pii/S0011916422000194
104	S. Dharani Kumar	Investigation on ballistic behaviour of friction stir welded rolled AZ31B magnesium alloy	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications	SCI	https://journals.sagepub.com/doi/abs/10.1177/14644207221095209

105	S. Dharani Kumar	Investigation on ballistic behaviour of friction stir welded rolled AZ31B magnesium alloy	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications	SCI	https://journals.sagepub.com/doi/abs/10.1177/14644207221095209
106	B. Arulmurugan	Optimization of WEDM Process Parameters in Al2024.Li.Si3N4 MMC	Journal of Nanomaterials	SCI	https://www.hindawi.com/journals/jnm/2022/2903385/
107	D.Balaji	Additive Manufacturing for Aerospace from Inception to Certification	Journal of Nanomaterials	SCI	https://www.hindawi.com/journals/jnm/2022/7226852/
108	P. Manoj Kumar	Investigating the effect of nanoclay content on the mechanical characteristics of natural fiber epoxy composite	Materials Today: Proceedings	Scopus	https://www.sciencedirect.com/science/article/pii/S2214785322034186
109	P. Manoj Kumar	Analyzing an evacuated tube solar water heating system using twin.nano/paraffin as phase change material	Materials Today: Proceedings	Scopus	https://www.sciencedirect.com/science/article/pii/S2214785321071224
110	Ravishankar Sathyamurthy	Thermodynamic and hydraulic design characteristics of the fin tube heat exchanger	Materials Today: Proceedings	Scopus	https://www.sciencedirect.com/science/article/pii/S2214785322030310
111	Ravishankar Sathyamurthy	Optimization of processing parameters of cold metal transfer joined 316L and weld bead profile influenced by temperature distribution based on genetic algorithm	<i>Journal of Mechanical Engineering Science</i>	SCI	https://journals.sagepub.com/doi/abs/10.1177/09544062221103372

112	Ravishankar Sathyamurthy	A numerical analysis of friction stir welded joint using FEA	Materials Today: Proceedings	Scopus	https://www.sciencedirect.com/science/article/pii/S2214785322030280
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