

# Ram Subbiah

## List of Publications by Year in descending order

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Version: 2024-02-01

147  
papers

2,249  
citations

185998

28  
h-index

276539

41  
g-index

148  
all docs

148  
docs citations

148  
times ranked

509  
citing authors

#	ARTICLE	IF	CITATIONS
1	Parameters Optimization of Dissimilar Friction Stir Welding for AA7079 and AA8050 through RSM. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-8.	1.0	114
2	Effect of Tool Profile Influence in Dissimilar Friction Stir Welding of Aluminium Alloys (AA5083 and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	103
3	Mechanical Strength and Fatigue Fracture Analysis on Al-Zn-Mg Alloy with the Influence of Creep Aging Process. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-5.	1.0	96
4	Investigation on indirect solar dryer for drying sliced potatoes using phase change materials (PCM). <i>Materials Today: Proceedings</i> , 2021, 47, 5233-5238.	0.9	63
5	Assessment of wear properties on low temperature molten salt bath nitriding on austenitic stainless steel. <i>Materials Today: Proceedings</i> , 2020, 27, 1541-1544.	0.9	62
6	Experimental and computational approaches on the pyran derivatives for acid corrosion. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 603, 125231.	2.3	60
7	Investigating the effect of thermal cycling on thermal characteristics of the nano-silica based phase changing material (PCM). <i>Materials Today: Proceedings</i> , 2022, 50, 1502-1507.	0.9	56
8	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. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-11.	1.0	56
9	Thermal Performance of Compression Ignition Engine Using High Content Biodiesels: A Comparative Study with Diesel Fuel. <i>Sustainability</i> , 2021, 13, 7688.	1.6	55
10	Influence and assessment of mechanical properties on treated P91 steel with normalizing processes. <i>Materials Today: Proceedings</i> , 2020, 27, 1555-1558.	0.9	53
11	Analysis of a Robot Selection Problem Using Two Newly Developed Hybrid MCDM Models of TOPSIS-ARAS and COPRAS-ARAS. <i>Symmetry</i> , 2021, 13, 1331.	1.1	53
12	Improving tribological properties of P91 steels through carburizing process. <i>Materials Today: Proceedings</i> , 2020, 27, 1575-1578.	0.9	52
13	Processing of Aluminium-Silicon Alloy with Metal Carbide as Reinforcement through Powder-Based Additive Manufacturing: A Critical Study. <i>Scanning</i> , 2022, 2022, 1-14.	0.7	52
14	Stability of expanded austenite by gas nitriding process on austenitic stainless steel material under low temperature conditions. <i>Materials Today: Proceedings</i> , 2020, 27, 1681-1684.	0.9	50
15	Study on an ETC solar water heater using flat and wavy diffuse reflectors. <i>Materials Today: Proceedings</i> , 2021, 47, 5228-5232.	0.9	49
16	Back propagation modeling of shear stress and viscosity of aqueous Ionic-MXene nanofluids. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 145, 2129-2149.	2.0	47
17	Investigation on Microstructure and Mechanical Properties of P91 Alloy Steel Treated With Normalizing Process - A Review. <i>Materials Today: Proceedings</i> , 2019, 18, 2265-2269.	0.9	45
18	Augmenting agility in production flow through ANP. <i>Materials Today: Proceedings</i> , 2021, 47, 5308-5312.	0.9	44

#	ARTICLE	IF	CITATIONS
19	Optimization of cardanol oil dielectric-activated EDM process parameters in machining of silicon steel. Biomass Conversion and Biorefinery, 2023, 13, 14087-14096.	2.9	42
20	Analyzing an evacuated tube solar water heating system using twin-nano/paraffin as phase change material. Materials Today: Proceedings, 2022, 50, 2505-2509.	0.9	40
21	Dry Sliding Wear Behavior of Powder Metallurgy Aluminium Matrix Composite. Materials Today: Proceedings, 2015, 2, 1441-1449.	0.9	35
22	Assessment of weld joint strengths on dissimilar alloys of Inconel 625 and aluminium 7068 using FSW process. Materials Today: Proceedings, 2020, 33, 4677-4680.	0.9	34
23	New Insights of Wear Behavior Analysis on Low Temperature Treated AISI 253MA Stainless steel Material by Gas Nitriding Process. E3S Web of Conferences, 2020, 184, 01003.	0.2	31
24	Investigation on solar water heater with different types of turbulators. Materials Today: Proceedings, 2021, 47, 5203-5208.	0.9	31
25	Effect of Multiwalled Carbon Nanotubes on Improvement of Fracture Toughness of Spark-Plasma-Sintered Yttria-Stabilized Zirconia Nanocomposites. Journal of Materials Engineering and Performance, 2021, 30, 3925-3933.	1.2	30
26	Determination of Non-Recrystallization Temperature for Niobium Microalloyed Steel. Materials, 2021, 14, 2639.	1.3	30
27	Structure and Topography Modifications of Treated AISI 316LN Stainless Steel Surfaces after Friction in Dry Sliding Contact by Case Hardening Process. E3S Web of Conferences, 2020, 184, 01002.	0.2	30
28	Investigation of Mechanical Properties of AISI 316 Stainless Steel by Carbonitriding Process. E3S Web of Conferences, 2020, 184, 01018.	0.2	29
29	Analyses of particle size and abrasive water jet drilling of synthesized chromel metal matrix. Materials Today: Proceedings, 2020, 33, 4893-4896.	0.9	28
30	An Unconventional Approach for Analyzing the Mechanical Properties of Natural Fiber Composite Using Convolutional Neural Network. Advances in Materials Science and Engineering, 2021, 2021, 1-15.	1.0	25
31	Taguchi optimization of metal inert gas (MIG) welding parameters to withstand high impact load for dissimilar weld joints. Materials Today: Proceedings, 2022, 56, 1411-1417.	0.9	23
32	Wear analysis of treated Duplex Stainless Steel material by carburizing process "A review. Materials Today: Proceedings, 2020, 26, 2946-2952.	0.9	22
33	Performance analysis and taguchi approach on wire cut EDM using microwave sintered chromium composite. Materials Today: Proceedings, 2021, 45, 2105-2108.	0.9	22
34	Improving the Mechanical Properties of AISI 2205 Duplex Stainless Steel by Cryogenic Treatment Process. E3S Web of Conferences, 2020, 184, 01019.	0.2	21
35	Taguchi analysis on machinability of Inconel 600 using Copper, Brass, and Copper tungsten electrodes in EDM. Materials Today: Proceedings, 2021, 46, 9281-9286.	0.9	21
36	Integrated Taguchi-GRA-RSM optimization and ANN modelling of thermal performance of zinc oxide nanofluids in an automobile radiator. Case Studies in Thermal Engineering, 2021, 26, 101068.	2.8	21

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37	Development of high-performance aluminium 6061/SiC nanocomposites by ultrasonic aided rheo-squeeze casting method. Ultrasonics Sonochemistry, 2021, 76, 105631.	3.8	21
38	Assessment of AISI 431 Grade Stainless Steel properties by Vacuum Tempering Process. E3S Web of Conferences, 2020, 184, 01022.	0.2	21
39	A review on abrasive water jet machining process and its process parameters. Materials Today: Proceedings, 2020, 26, 1032-1036.	0.9	20
40	A review on effects of nitriding of AISI409 ferritic stainless steel. Materials Today: Proceedings, 2020, 26, 1014-1020.	0.9	20
41	The Combined Effect of Alcohols and Calophyllum inophyllum Biodiesel Using Response Surface Methodology Optimization. Sustainability, 2021, 13, 7345.	1.6	20
42	Evaluation of properties of AISI 431 Grade Stainless Steel by Vacuum Annealing Process. E3S Web of Conferences, 2020, 184, 01021.	0.2	20
43	IMPROVEMENT OF CHARACTERISTICS OF AISI 310 GRADE STAINLESS STEEL MATERIAL BY CARBURIZING. E3S Web of Conferences, 2020, 184, 01023.	0.2	20
44	Investigating Mechanical Properties of Hybrid Polymer Composite Reinforced with S-Glass and Luffa Fibres. Journal of Physics: Conference Series, 2022, 2272, 012024.	0.3	20
45	Wear Characteristics of AISI 310 Grade Stainless Steel Material by Carbonitriding Process. E3S Web of Conferences, 2020, 184, 01024.	0.2	18
46	Lead time reduction and process enhancement for a low volume product. Materials Today: Proceedings, 2022, 62, 1722-1728.	0.9	18
47	Effect of Aqueous Soluted Nitriding Process on AISI 304 Austenitic Stainless Steel under Dry Sliding Conditions. E3S Web of Conferences, 2021, 309, 01066.	0.2	17
48	Optimization of Solar Hybrid Power Generation Using Conductance-Fuzzy Dual-Mode Control Method. International Journal of Photoenergy, 2022, 2022, 1-10.	1.4	17
49	Experimental analysis of the metal roofed industrial building using nano-silica disbanded crude wax (NDCW). Materials Today: Proceedings, 2021, , .	0.9	16
50	Mathematical modeling and investigation on aluminium bronze MMC using ECM process. Materials Today: Proceedings, 2021, 45, 2121-2124.	0.9	15
51	Optimizing GMAW parameters to achieve high impact strength of the dissimilar weld joints using Taguchi approach. Materials Today: Proceedings, 2022, 50, 861-866.	0.9	15
52	Assessment of Properties on AISI430 Ferritic Stainless Steel by Nitriding process. E3S Web of Conferences, 2020, 184, 01020.	0.2	15
53	Quinoxaline derivatives as anticorrosion additives for metals. Corrosion Reviews, 2021, 39, 79-92.	1.0	12
54	Experimental Study of Wear Behaviour on Al-2014 Alloy Coated with Thermal Spray HVOF (High) Tj ETQq0 0 0 rgBT, /Overlock 10 Tf 50 6	0.9	11

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55	Optimisation of machining parameters of wire-cut EDM on super alloy materialsâ€“A review. Materials Today: Proceedings, 2020, 26, 1021-1027.	0.9	11
56	Effect of fly ash on metal matrix composites â€“ An overview. Materials Today: Proceedings, 2022, 50, 1315-1318.	0.9	11
57	Examination on dry sliding wear behavior of AISI 304 stainless steel treated with salt bath nitriding process. Materials Today: Proceedings, 2021, 44, 1412-1417.	0.9	10
58	Preparation of Polymeric Nanomaterials Using Emulsion Polymerization. Advances in Materials Science and Engineering, 2021, 2021, 1-9.	1.0	10
59	Review on multi objective optimization of wire cut EDM process parameters using grey relational analysis. Materials Today: Proceedings, 2020, 26, 3124-3130.	0.9	9
60	A review on influence of nitriding on AISI430 ferritic stainless steel. Materials Today: Proceedings, 2020, 26, 1010-1013.	0.9	9
61	Time Dependent Behaviour of Amino Silane-treated Aramid Fibre and Waste Latex Rubber Powder Toughened Epoxy Composite. Silicon, 2022, 14, 6837-6845.	1.8	9
62	Comparative Study of Mechanical Properties and Thermal Stability on Banyan/Ramie Fiber-Reinforced Hybrid Polymer Composite. Advances in Materials Science and Engineering, 2021, 2021, 1-11.	1.0	9
63	Experimental Study on Wear Resistance of AISI 347 Treated With Salt Bath Nitriding and Gas Nitriding Processes-A Review. Materials Today: Proceedings, 2019, 18, 2717-2722.	0.9	8
64	A review on influence of carburizing on ferritic stainless steel. Materials Today: Proceedings, 2020, 26, 937-943.	0.9	8
65	Investigation on Heat Transfer Enhancement in Microchannel Using Al <sub>2</sub> O <sub>3</sub> /Water Nanofluids. International Journal of Photoenergy, 2021, 2021, 1-9.	1.4	8
66	Influence of Annealing Process on Wear Resistance of AISI 431 Martensitic Stainless Steel. E3S Web of Conferences, 2021, 309, 01125.	0.2	8
67	Assessment of Wear Properties under Dry Sliding Conditions on AISI 301LN Austenitic Stainless Steel by Plasma Nitriding Process. E3S Web of Conferences, 2021, 309, 01182.	0.2	8
68	Design and Implementation of a Floating PV Model to Analyse the Power Generation. International Journal of Photoenergy, 2022, 2022, 1-13.	1.4	8
69	An Investigation on the Activation Energy and Thermal Degradation of Biocomposites of Jute/Bagasse/Coir/Nano TiO <sub>2</sub> /Epoxy-Reinforced Polyaramid Fibers. Journal of Nanomaterials, 2022, 2022, 1-5.	1.5	8
70	Finite Element Simulation of Pure Aluminum Processed by ECAP Using New Die Design. Materials Today: Proceedings, 2017, 4, 2544-2553.	0.9	7
71	Dry Sliding Wear Behavior of Austenitic Stainless Steel Material by Gas Nitriding Process. E3S Web of Conferences, 2021, 309, 01181.	0.2	7
72	Investigation on Microstructure and Mechanical Properties of Treated AISI 440 Steel by Tempering Process -A Review. Materials Today: Proceedings, 2019, 18, 2802-2805.	0.9	6

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73	Experimental investigation of the solar distiller using nano-black paint for different water depths. Materials Today: Proceedings, 2021, , .	0.9	6
74	Optimization of Injection Moulding Process in Manufacturing the Top Cap of Water Meter. Materials Today: Proceedings, 2019, 18, 4556-4565.	0.9	5
75	Formability of tailor welded blanks of aluminium alloy and steel – A review. Materials Today: Proceedings, 2021, 46, 722-728.	0.9	5
76	Experimental investigations on mechanical properties of cotton/hemp fiber reinforced epoxy resin hybrid composites. Journal of Physics: Conference Series, 2021, 2027, 012015.	0.3	5
77	Dry sliding wear behavior of treated AISI 304 stainless steel by gas nitriding processes. Materials Today: Proceedings, 2021, 44, 1406-1411.	0.9	5
78	Formability Studies of Automotive Aluminium Alloy Sheet series: A Review. E3S Web of Conferences, 2020, 184, 01036.	0.2	4
79	Powder Metallurgy Techniques for Titanium Alloys-A Review. E3S Web of Conferences, 2020, 184, 01045.	0.2	4
80	Optimization of machining process parameters in Al 7175 metal matrix composites using Taguchi method. Materials Today: Proceedings, 2021, 46, 9673-9677.	0.9	4
81	Effect of RF carbonitriding and improvement of mechanical properties on AISI 304 stainless steel – A review. Materials Today: Proceedings, 2020, 27, 1655-1659.	0.9	4
82	Effect of nitriding on duplex stainless steel – A review. Materials Today: Proceedings, 2020, 26, 950-955.	0.9	4
83	An overview of duplex stainless steel for strain induced martensite transformation. Materials Today: Proceedings, 2020, 26, 1028-1031.	0.9	4
84	Investigation of AISI 904L austenitic stainless steel by carbonitriding process under dry sliding conditions. Materials Today: Proceedings, 2021, 44, 1418-1422.	0.9	4
85	Analysis of silica based prosthetic human teeth using 3D printing machine for dental assistance. Materials Today: Proceedings, 2021, 45, 2440-2443.	0.9	4
86	Study of Mechanical Properties on Ferric Oxide Microparticles Reinforced with Polyethylene. Advances in Materials Science and Engineering, 2022, 2022, 1-7.	1.0	4
87	Tensile strength performance and optimization of Al 7068 using TIG welding process. Materials Today: Proceedings, 2021, 45, 2017-2021.	0.9	3
88	Hardness performance analysis of chromel composite using end and lateral quenching method. Materials Today: Proceedings, 2021, 45, 1839-1842.	0.9	3
89	Performance machinability through electrochemical grinding of strenx steel. Materials Today: Proceedings, 2021, 45, 2479-2481.	0.9	3
90	Experimental investigation of control parameters for machining of copper alloys using electrochemical micromachining. Materials Today: Proceedings, 2021, 45, 2498-2500.	0.9	3

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91	Experimental and transient thermal analysis of screen mesh wick heat pipe. Materials Today: Proceedings, 2021, 46, 9920-9926.	0.9	3
92	Influence of mixed dielectric fluids on material removal performance during electric discharge machining process. Materials Today: Proceedings, 2022, 51, 720-722.	0.9	3
93	Investigations on compressive strength of titanium diboride and graphite reinforced Magnesium Matrix Composites. Journal of Physics: Conference Series, 2021, 2027, 012009.	0.3	3
94	Assessment of Wear Behavior on Treated AISI 630 Stainless Steel by Salt Bath Nitriding Process under Dry Sliding Conditions. E3S Web of Conferences, 2021, 309, 01169.	0.2	3
95	An overview on characteristics and performance of ultrasonic welding process on different materials. Materials Today: Proceedings, 2022, 50, 1508-1510.	0.9	3
96	Numerical investigation of modified fin shapes for the improved heat transfer. Materials Today: Proceedings, 2022, 62, 1854-1860.	0.9	3
97	Surface Modification of Strenx 900 Steel Using Electrical Discharge Alloying Process with Cu-10Ni-Crx Powder Metallurgy Sintered Electrode. Materials Research, 0, 25, .	0.6	3
98	Experimental investigation of Machining of stellite alloy. Materials Today: Proceedings, 2022, 66, 665-669.	0.9	3
99	Performance of solar still powered water recovery system from moist air. Materials Today: Proceedings, 2021, , .	0.9	3
100	Recent reviews on bio-waste materials for corrosion protection of metals. Corrosion Reviews, 2022, 40, 335-342.	1.0	3
101	Formation of Multiple Phase Microstructure and Wear Investigation on Treated AISI 904L SS by Low Temperature Ion Nitriding Process. E3S Web of Conferences, 2020, 184, 01001.	0.2	2
102	An overview on AISI 304 stainless steel treated with aqueous soluted nitriding process. Materials Today: Proceedings, 2020, 27, 1708-1712.	0.9	2
103	Parametric analysis and performance of laser cutting on strenx steel. Materials Today: Proceedings, 2021, 45, 2313-2316.	0.9	2
104	Performance analysis of peel test on fused filament fabricated polypropylene-aluminium. Materials Today: Proceedings, 2021, 47, 5075-5078.	0.9	2
105	Cryogenic treatment and taguchi optimization of Haynes alloy. Materials Today: Proceedings, 2021, , .	0.9	2
106	Analysis on effect of nanofluid on process parameters in machining of EN19 steel. Advances in Materials and Processing Technologies, 2022, 8, 1757-1767.	0.8	2
107	Wear and microstructure analysis on AISI420 stainless steel by annealing & tempering process under dry sliding conditions. Advances in Materials and Processing Technologies, 0, , 1-11.	0.8	2
108	Experimental investigation of lost foam casting process on aluminium. Materials Today: Proceedings, 2022, 50, 1134-1137.	0.9	2

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109	An overview on role of unconventional machining processes on different materials. Materials Today: Proceedings, 2022, 50, 1341-1345.	0.9	2
110	Investigation of Microstructure and Mechanical Properties of Austenite Stainless Steel 304 during Tempering and Cryogenic Heat Treatment. E3S Web of Conferences, 2020, 184, 01006.	0.2	2
111	Processing parameters Optimization of Injection Moulding in DN20 Vent of Water Meter Manufacturing. E3S Web of Conferences, 2020, 184, 01008.	0.2	2
112	Studies on mechanical and morphological of TIG welded aluminum alloy. Materials Today: Proceedings, 2022, 59, 1533-1536.	0.9	2
113	Study on wear properties of Aluminium alloy for different mass of SiC particles. Materials Today: Proceedings, 2022, 62, 5218-5222.	0.9	2
114	Investigating the performance of a NMPCM integrated heat sink for chipset cooling. Materials Today: Proceedings, 2022, , .	0.9	2
115	Optimization of Stir Casting Variables for Production of Multiwalled Carbon Nanotubes: AA7149 Composite. Journal of Nanomaterials, 2022, 2022, 1-7.	1.5	2
116	Optimization and Tribological Properties of Hybridized Palm Kernel Shell Ash and Nano Boron Nitride Reinforced Aluminium Matrix Composites. Journal of Nanomaterials, 2022, 2022, 1-9.	1.5	2
117	Experimental Studies on Fabrication and Thermal Characterization of Shape Memory Polymer Composites with Nanofillers. Journal of Nanomaterials, 2022, 2022, 1-10.	1.5	2
118	Optimization of injection moulding process in manufacturing the flip cover of water meter. Materials Today: Proceedings, 2020, 26, 240-246.	0.9	1
119	Optimization and improvement of heat transfer through aluminium oxide based nano fluid. Materials Today: Proceedings, 2021, 45, 2198-2201.	0.9	1
120	Machinability investigations on cupronickel MMC through unconventional machining processes. Materials Today: Proceedings, 2021, 45, 2220-2223.	0.9	1
121	Numerical investigation on laser welding of titanium plates. Materials Today: Proceedings, 2021, 45, 2224-2227.	0.9	1
122	Performance and optimization of parameters on rubber punching process. Materials Today: Proceedings, 2021, 45, 2581-2583.	0.9	1
123	Implementation of taguchi approach on investigation of formability for Al 8011 sheets at elevated temperatures. Advances in Materials and Processing Technologies, 2022, 8, 619-634.	0.8	1
124	Tribological behaviour of AA7168 hybrid composite sheets for aerospace structures fabricated through COMPO casting. Advances in Materials and Processing Technologies, 2022, 8, 402-410.	0.8	1
125	Influence of dry sliding wear behavior and assessment of properties on treated AISI310 SS material by gas nitriding process. Materials Today: Proceedings, 2020, 26, 2977-2982.	0.9	1
126	Physical and mechanical properties of AA2219/BN composites. Materials Today: Proceedings, 2022, , .	0.9	1



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127	The influence of nickel on the mechanical and tribological properties of AA2219-CNT composites made by stir casting. <i>Materials Today: Proceedings</i> , 2022, 59, 1478-1484.	0.9	1
128	Study on the impact of twisted tapes on the water temperature enhancement in solar water heater. <i>Materials Today: Proceedings</i> , 2022, 62, 5114-5118.	0.9	1
129	Study on the impact of Nano-reinforcements on the fatigue strength of adhesive joints. <i>Materials Today: Proceedings</i> , 2022, 62, 5177-5181.	0.9	1
130	Analysis of Physical, Ocular, and Aquaphobic Properties of Zirconium Oxide Nanofilms by Varying Sputtering Pressure. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-10.	1.5	1
131	Optimization and electro chemical grinding surface investigation on eglin steel. <i>Materials Today: Proceedings</i> , 2022, 66, 1144-1147.	0.9	1
132	Improving the productivity in carton manufacturing industry using value stream mapping (VSM). <i>Materials Today: Proceedings</i> , 2022, , .	0.9	1
133	Optimal Placement of Hybrid Wind-Solar System Using Deep Learning Model. <i>International Journal of Photoenergy</i> , 2022, 2022, 1-7.	1.4	1
134	Evaluation of material removal rate of stellite alloy using unconventional machining processes. <i>Materials Today: Proceedings</i> , 2021, 45, 2277-2281.	0.9	0
135	Optimization of system and piezoelectric effect on PZT crystal. <i>Materials Today: Proceedings</i> , 2021, 45, 2006-2009.	0.9	0
136	Parametric optimization and spark erosion behaviours of synthesized niobium composite. <i>Materials Today: Proceedings</i> , 2021, 45, 2456-2459.	0.9	0
137	Evaluation and optimization of material properties of tailor welded Al 6061 alloy and ASS 304 sheets using Taguchi robust design. <i>Materials Today: Proceedings</i> , 2021, 46, 746-751.	0.9	0
138	Wear behavior analysis of vitallium metal matrix composite. <i>Materials Today: Proceedings</i> , 2021, , .	0.9	0
139	Optimization on end milling operating parameters for super alloy of Inconel 617 by Taguchi's L27 orthogonal array. <i>Journal of Physics: Conference Series</i> , 2021, 2027, 012013.	0.3	0
140	Study on influence of nano-filler content on the performance of natural fibre reinforced epoxy composites. <i>Materials Today: Proceedings</i> , 2022, , .	0.9	0
141	Mechanical properties of aluminium alloy AA7086 by equal channel angular press with parameters of die design. <i>Materials Today: Proceedings</i> , 2022, , .	0.9	0
142	Optimal parameters of microwave sintering process on nickel based composite. <i>Materials Today: Proceedings</i> , 2022, , .	0.9	0
143	Comparison of Boron Nitride (BN) reinforced sintered and extruded AA2219 nano-hybrid composite particle size effects on mechanical and metallurgical characteristics. <i>Materials Today: Proceedings</i> , 2021, , .	0.9	0
144	Influence of heat storage materials in a concentrated solar absorber for space heating. <i>Materials Today: Proceedings</i> , 2021, , .	0.9	0

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145	Experimental investigations on properties of MoS2 and TiB2 reinforced aluminium composites. Materials Today: Proceedings, 2021, , .	0.9	0
146	Prediction of Photovoltaic Power by ANN Based on Various Environmental Factors in India. International Journal of Photoenergy, 2022, 2022, 1-11.	1.4	0
147	Experimentally Investigating the Flat Plate Solar Water Heating System (FPSWHS) for South Indian Climate. Journal of Physics: Conference Series, 2022, 2272, 012010.	0.3	0