

S Suresh Kumar

List of Publications by Year in descending order

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18
papers

407
citations

933447

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336
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of Mechanical and Water Absorption Behavior of Natural Fiber-Reinforced Hybrid Biocomposites. <i>Journal of Natural Fibers</i> , 2022, 19, 1772-1782.	3.1	55
2	Fabrication and corrosion studies of bronze based composite prepared through powder metallurgy route. <i>Materials Today: Proceedings</i> , 2022, 50, 1067-1070.	1.8	1
3	Multiresponse Optimization of Wire Electrical Discharge Machining Parameters for Ti-6Al-2Sn-4Zr-2Mo (I±I ²) Alloy Using Taguchi-Grey Relational Approach. <i>Advances in Materials Science and Engineering</i> , 2022, 2022, 1-13.	1.8	17
4	Study on Developments in Protection Coating Techniques for Steel. <i>Advances in Materials Science and Engineering</i> , 2022, 2022, 1-10.	1.8	25
5	Experimental Investigation and Optimization of Process Parameters in Ti (6242) Alpha-Beta Alloy Using Electrical Discharge Machining. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 1787-1800.	3.7	13
6	MEASUREMENT OF MICROCHANNELS PRODUCED IN AA6351/RUTILE COMPOSITE BY WIRE-EDM. <i>Surface Review and Letters</i> , 2021, 28, 2050034.	1.1	6
7	The effect of machining processes on the physical and surface characteristics of AA2024-B ₄ -C-SiC hybrid nanocomposites fabricated by hot pressing method. <i>Journal of Composite Materials</i> , 2021, 55, 2657-2671.	2.4	7
8	Synthesis and Characterization of Nano Cerium Oxide Using Hydrothermal Technique. <i>INCAS Bulletin</i> , 2021, 13, 173-181.	0.6	6
9	Influence of Optimization Techniques on Wire Electrical Discharge Machining of Ti-6Al-2Sn-4Zr-2Mo Alloy using Modeling Approach. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 3272-3289.	3.7	8
10	Mechanical and Vibrational Behavior of Twill Woven Carbon Fiber Reinforced Composites. <i>International Polymer Processing</i> , 2020, 35, 203-210.	0.5	3
11	Fabrication and Investigation of Al ₂₀₂₄ -B ₄ -C-TiC Hybrid Metal Matrix Composites using Laser Beam Machining. <i>INCAS Bulletin</i> , 2020, 12, 229-234.	0.6	1
12	Investigating the surface integrity of aluminium based composites machined by EDM. <i>Defence Technology</i> , 2019, 15, 338-343.	4.2	49
13	Study on the machining of Al-SiC functionally graded metal matrix composite using die-sinking EDM. <i>Particulate Science and Technology</i> , 2019, 37, 103-109.	2.1	31
14	Performance Monitoring of WEDM Using Online Acoustic Emission Technique. <i>Silicon</i> , 2018, 10, 2635-2642.	3.3	12
15	Parametric optimization of wire electrical discharge machining on aluminium based composites through grey relational analysis. <i>Journal of Manufacturing Processes</i> , 2015, 20, 33-39.	5.9	82
16	Electrical Discharge Machining of Al(6351)-SiC-B ₄ C Hybrid Composite. <i>Materials and Manufacturing Processes</i> , 2014, 29, 1395-1400.	4.7	67
17	Electrical Discharge Machining of Al (6351)-5% SiC-10% B ₄ C Hybrid Composite: A Grey Relational Approach. <i>Modelling and Simulation in Engineering</i> , 2014, 2014, 1-7.	0.7	24
18	Flow and heat transfer behaviour of Al ₂ O ₃ -CuO/water hybrid nano-fluid in rectangular microchannels. <i>International Journal of Ambient Energy</i> , 0, , 1-11.	2.5	0