

S Suresh Kumar

List of Publications by Year in descending order

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papers

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docs citations

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336
citing authors

#	ARTICLE	IF	CITATIONS
1	Parametric optimization of wire electrical discharge machining on aluminium based composites through grey relational analysis. Journal of Manufacturing Processes, 2015, 20, 33-39.	5.9	82
2	Electrical Discharge Machining of Al(6351)-SiC-B ₄ C Hybrid Composite. Materials and Manufacturing Processes, 2014, 29, 1395-1400.	4.7	67
3	Evaluation of Mechanical and Water Absorption Behavior of Natural Fiber-Reinforced Hybrid Biocomposites. Journal of Natural Fibers, 2022, 19, 1772-1782.	3.1	55
4	Investigating the surface integrity of aluminium based composites machined by EDM. Defence Technology, 2019, 15, 338-343.	4.2	49
5	Study on the machining of Al-SiC functionally graded metal matrix composite using die-sinking EDM. Particulate Science and Technology, 2019, 37, 103-109.	2.1	31
6	Study on Developments in Protection Coating Techniques for Steel. Advances in Materials Science and Engineering, 2022, 2022, 1-10.	1.8	25
7	Electrical Discharge Machining of Al (6351)-5% SiC-10% B ₄ C Hybrid Composite: A Grey Relational Approach. Modelling and Simulation in Engineering, 2014, 2014, 1-7.	0.7	24
8	Multiresponse Optimization of Wire Electrical Discharge Machining Parameters for Ti-6Al-2Sn-4Zr-2Mo (±1 ²) Alloy Using Taguchi-Grey Relational Approach. Advances in Materials Science and Engineering, 2022, 2022, 1-13.	1.8	17
9	Experimental Investigation and Optimization of Process Parameters in Ti (6242) Alpha-Beta Alloy Using Electrical Discharge Machining. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 1787-1800.	3.7	13
10	Performance Monitoring of WEDM Using Online Acoustic Emission Technique. Silicon, 2018, 10, 2635-2642.	3.3	12
11	Influence of Optimization Techniques on Wire Electrical Discharge Machining of Ti-6Al-2Sn-4Zr-2Mo Alloy using Modeling Approach. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 3272-3289.	3.7	8
12	The effect of machining processes on the physical and surface characteristics of AA2024-B ₄ C-SiC hybrid nanocomposites fabricated by hot pressing method. Journal of Composite Materials, 2021, 55, 2657-2671.	2.4	7
13	MEASUREMENT OF MICROCHANNELS PRODUCED IN AA6351/RUTILE COMPOSITE BY WIRE-EDM. Surface Review and Letters, 2021, 28, 2050034.	1.1	6
14	Synthesis and Characterization of Nano Cerium Oxide Using Hydrothermal Technique. INCAS Bulletin, 2021, 13, 173-181.	0.6	6
15	Mechanical and Vibrational Behavior of Twill Woven Carbon Fiber Reinforced Composites. International Polymer Processing, 2020, 35, 203-210.	0.5	3
16	Fabrication and corrosion studies of bronze based composite prepared through powder metallurgy route. Materials Today: Proceedings, 2022, 50, 1067-1070.	1.8	1
17	Fabrication and Investigation of Al2024-B ₄ C-TiC Hybrid Metal Matrix Composites using Laser Beam Machining. INCAS Bulletin, 2020, 12, 229-234.	0.6	1
18	Flow and heat transfer behaviour of Al ₂ O ₃ -CuO/water hybrid nano-fluid in rectangular microchannels. International Journal of Ambient Energy, 0, , 1-11.	2.5	0