

Sathish S

List of Publications by Year in descending order

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16
papers

145
citations

1162889

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1199470

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docs citations

16
times ranked

113
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of MoS ₂ on the Wear Behavior of Aluminium (AlMg0.5Si) Composite. Silicon, 2020, 12, 1481-1489.	1.8	25
2	Modelling and analysis of abrasive water jet machining of AA2014 alloy with Al ₂ O ₃ abrasive using fuzzy logic. Materials Today: Proceedings, 2020, 21, 652-657.	0.9	9
3	Optimization of tribological behavior of magnesium metal-metal composite using pattern search and simulated annealing techniques. Materials Today: Proceedings, 2020, 21, 492-496.	0.9	7
4	Investigation on the abrasive water jet machinability of AA2014 using SiC as abrasive. Materials Today: Proceedings, 2020, 21, 519-522.	0.9	10
5	Dry sliding wear behavior of Inconel 718 additively manufactured by DMLS technique. Industrial Lubrication and Tribology, 2020, 72, 491-496.	0.6	12
6	ANALYSIS OF WEAR BEHAVIOR OF A NOVEL MAGNESIUM METAL-METAL COMPOSITE. Surface Review and Letters, 2020, 27, 1950228.	0.5	0
7	Preparation and characterization of tensile and bending properties of basalt-kenaf reinforced hybrid polymer composites. International Journal of Polymer Analysis and Characterization, 2020, 25, 227-237.	0.9	8
8	Optimization of Coefficient of Friction for Direct Metal Laser Sintered Inconel 718. Lecture Notes in Mechanical Engineering, 2019, , 371-379.	0.3	2
9	Optimization of wear parameters of Mg-(5.6Ti+3Al)-2.5B4C composite. Industrial Lubrication and Tribology, 2019, 72, 503-508.	0.6	6
10	Multi-objective Optimization of Cold Upsetting Parameters for Aluminium Metal Matrix Composites. Transactions of the Indian Institute of Metals, 2018, 71, 909-914.	0.7	3
11	Tribological behavior of AA7075-TiC composites by powder metallurgy. Industrial Lubrication and Tribology, 2018, 70, 1066-1071.	0.6	29
12	Multi Objective Optimization of Wear Behaviour of <i>In Situ</i> AA8011-ZrB ₂ Metal Matrix Composites by Using Taguchi-Grey Analysis. Materials Science Forum, 2018, 928, 162-167.	0.3	9
13	Synthesis and forming behaviour of AA7075-TiC powder-metallurgy composites. Materiali in Tehnologije, 2018, 52, 809-812.	0.3	2
14	Experimental Investigation and Optimization of SiC Abrasive Water Jet Machining of Aluminium Alloys. International Journal of Vehicle Structures and Systems, 2018, 10, .	0.1	0
15	Synthesis, characterization and forming behavior of hybrid copper matrix composites produced using powder metallurgy. International Journal of Materials Research, 2017, 108, 586-591.	0.1	8
16	Optimization of welding parameters to attain maximum strength in friction stir welded AA7075 joints. Materialpruefung/Materials Testing, 2016, 58, 206-210.	0.8	15