

Ashish Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

113
citations

1477746

6
h-index

1372195

10
g-index

11
all docs

11
docs citations

11
times ranked

100
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of inter critical heat treatment on mechanical and wear properties of AISI 1015 steel. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 434-444.	0.8	2
2	Tribological Analysis and Characterization of Zinc Rich Al/Si ₃ N ₄ Composites Fabricated Via Ultrasonic Assisted Stir Casting Technique. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 941-953.	0.8	1
3	Microstructure evolution, mechanical properties, and fractography of AA7068/Si ₃ N ₄ nanocomposite fabricated thorough ultrasonic-assisted stir casting advanced with bottom pouring technique. <i>Materials Research Express</i> , 2022, 9, 015009.	0.8	18
4	A simple machine learning approach to model real-time streamflow using satellite inputs: Demonstration in a data scarce catchment. <i>Journal of Hydrology</i> , 2021, 595, 126046.	2.3	29
5	Effect of stirrer design on microstructure of MWCNT and Al alloy by stir casting process. <i>Advances in Materials and Processing Technologies</i> , 2020, 6, 320-327.	0.8	10
6	Preparation and mechanical properties evaluation of polyvinyl alcohol and banana fibres composite. <i>Materials Today: Proceedings</i> , 2020, 26, 3145-3147.	0.9	8
7	Synthesis & analysis of mechanical and tribological behaviour of silicon carbide and graphite reinforced aluminium alloy hybrid composites. <i>Materials Today: Proceedings</i> , 2020, 26, 3152-3156.	0.9	12
8	A Machine Learning Approach for Improving Near-Real-Time Satellite-Based Rainfall Estimates by Integrating Soil Moisture. <i>Remote Sensing</i> , 2019, 11, 2221.	1.8	26
9	Benchmarking the Indian National CartoDEM against SRTM for 1D hydraulic modelling. <i>International Journal of River Basin Management</i> , 2019, 17, 479-488.	1.5	3
10	Optimization of Wear and Friction Parameters of (LM24/B4C) Composite Using Taguchi Technique. <i>Materials Today: Proceedings</i> , 2019, 18, 3702-3710.	0.9	3
11	Investigation of wear and friction characteristic of Al/(Si ₃ N ₄) _n nano composites under as-cast and heat-treated conditions. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 0, , 095440892211120.	1.4	1