

# Ashish Kumar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8330514/publications.pdf>

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	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
2	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
3	Microstructure evolution, mechanical properties, and fractography of AA7068/Si <sub>3</sub> N <sub>4</sub> nanocomposite fabricated thorough ultrasonic-assisted stir casting advanced with bottom pouring technique. <i>Materials Research Express</i> , 2022, 9, 015009.	0.8	18
4	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
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	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
8	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
9	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
10	Tribological Analysis and Characterization of Zinc Rich Al/Si <sub>3</sub> N <sub>4</sub> Composites Fabricated Via Ultrasonic Assisted Stir Casting Technique. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 941-953.	0.8	1
11	Investigation of wear and friction characteristic of Al/(Si <sub>3</sub> N <sub>4</sub> ) <sub>np</sub> 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