

# Abhilash Purohit

## List of Publications by Year in descending order

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17  
papers

183  
citations

1307594

7  
h-index

1125743

13  
g-index

17  
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docs citations

17  
times ranked

101  
citing authors

#	ARTICLE	IF	CITATIONS
1	Composite material selection for structural applications based on AHP-MOORA approach. <i>Materials Today: Proceedings</i> , 2020, 33, 5659-5663.	1.8	30
2	Recent developments on characterization of needle-punched nonwoven fabric reinforced polymer composites – A review. <i>Materials Today: Proceedings</i> , 2020, 26, 466-470.	1.8	21
3	Processing, characterization, and parametric analysis of erosion behavior of epoxy-LD sludge composites using Taguchi technique and response surface method. <i>Polymer Composites</i> , 2018, 39, E2283.	4.6	20
4	Development and characterization of epoxy-based composites filled with Linz Donawitz sludge. <i>Journal of Composite Materials</i> , 2017, 51, 899-911.	2.4	18
5	Selection of composite materials for structural applications through MCDM approach. <i>Materials Today: Proceedings</i> , 2019, 18, 3454-3461.	1.8	14
6	Dry Sliding Wear Characteristics Of Epoxy Composites Filled With Steel Industry Slag And Sludge Particles: A Comparative Study. <i>Materials Today: Proceedings</i> , 2018, 5, 11906-11913.	1.8	13
7	Epoxy matrix composites filled with micro-sized LD sludge: wear characterization and analysis. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 115, 012006.	0.6	10
8	Development and performance analysis of wear resistant polypropylene composites filled with micro sized Linz Donawitz sludge particulates. <i>Polymers and Polymer Composites</i> , 2021, 29, S1235-S1247.	1.9	10
9	The Influence of Moisture Absorption on the Mechanical and Thermal Properties of Chemically Treated DPL Reinforced Hybrid Composite. <i>Materials Science Forum</i> , 0, 978, 316-322.	0.3	9
10	Analysis of sliding wear behavior of LD sludge filled epoxy composites using response surface methodology. <i>Materials Today: Proceedings</i> , 2020, 33, 5066-5069.	1.8	8
11	Mechanical and sliding wear characterization of LD sludge filled hybrid composites. <i>Materials Today: Proceedings</i> , 2020, 26, 1654-1659.	1.8	8
12	Erosion wear response of epoxy composites filled with steel industry slag and sludge particles: A comparative study. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 338, 012059.	0.6	4
13	A study on erosion wear behavior of LD sludge reinforced polypropylene composite. <i>Materials Today: Proceedings</i> , 2019, 18, 4299-4304.	1.8	4
14	Evaluation of Surface Response of Ficus Benghalensis Fiber-Epoxy Composites Under Dry Sliding Wear Conditions. <i>Journal of the Institution of Engineers (India): Series E</i> , 2022, 103, 47-52.	0.9	4
15	Analysis of Erosion Wear Behavior of LD Sludge Filled Polypropylene Composites Using RSM. <i>Materials Science Forum</i> , 2020, 978, 222-228.	0.3	4
16	TRIBOLOGICAL STUDY ON SLURRY ABRASIVE WEAR BEHAVIOR OF NONWOVEN VISCOSE FABRIC COMPOSITES WITH DOE APPROACH. <i>Surface Review and Letters</i> , 2020, 27, 1950185.	1.1	3
17	Mechanical and Tribo-performance Analysis of Linz Donawitz Sludge-Filled Glass-Epoxy Composites using Taguchi Experimental Design. <i>Journal of the Institution of Engineers (India): Series E</i> , 2022, 103, 245-251.	0.9	3