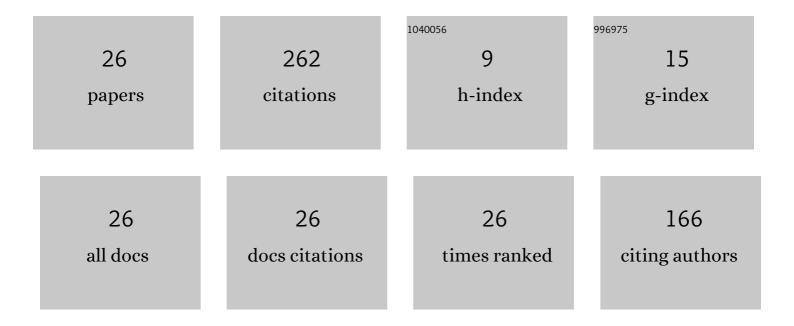
Pravat Ranjan Pati

List of Publications by Year in descending order

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Version: 2024-02-01



#	Article	IF	CITATIONS
1	Influence of filler content and surface modification on physical and mechanical properties of epoxy/walnut shell particulate composites. Journal of Adhesion Science and Technology, 2023, 37, 1215-1232.	2.6	11
2	Effect of process parameters on sliding wear performance of red brick dust-filled glass–epoxy composites. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2022, 236, 1846-1854.	1.8	9
3	Exploration of tribological estimation on alumina reinforced polymer mixtures evaluated by ANOVA approach. Materials Today: Proceedings, 2022, 62, 3038-3043.	1.8	5
4	Polymer composites for thermal applications – A review. Materials Today: Proceedings, 2021, 47, 2839-2845.	1.8	9
5	Industrial waste filled polymer composites – A review. Materials Today: Proceedings, 2021, 47, 2852-2863.	1.8	17
6	Processing and Characterization of Plasma Sprayed LD Slag Coatings on Mild Steel Substrate. Lecture Notes in Mechanical Engineering, 2021, , 699-705.	0.4	0
7	Ultrasonic spot welding of Al/Mg alloys: A state-of-the-art review. Materials Today: Proceedings, 2020, 33, 4981-4987.	1.8	3
8	Experimental investigations on interfacial characterization and mechanical performance of ultrasonic spot welded Al/brass joints. Materials Today: Proceedings, 2020, 26, 1761-1765.	1.8	0
9	Ultrasonic spot welding of Al-Cu sheets: A comprehensive study. Materials Today: Proceedings, 2020, 33, 5168-5173.	1.8	7
10	Dissimilar joining of Al/SS sheets with interlayers by ultrasonic spot Welding: Microstructure and mechanical properties. Materials Today: Proceedings, 2020, 26, 1757-1760.	1.8	1
11	Erosion Wear Response of Linz-Donawitz Slag Coatings: Parametric Appraisal and Prediction Using Imperialist Competitive Algorithm and Neural Computation. SAE International Journal of Materials and Manufacturing, 2019, 12, .	0.3	0
12	Investigation on red brick dust filled epoxy composites using ant lion optimization approach. Polymer Composites, 2019, 40, 3877-3885.	4.6	33
13	Characterization of glass-epoxy composites using red brick dust particles. Materials Today: Proceedings, 2019, 18, 3775-3779.	1.8	7
14	Prediction and wear performance of red brick dust filled glass–epoxy composites using neural networks. International Journal of Plastics Technology, 2019, 23, 253-260.	3.1	21
15	Dry sliding wear behavior of LD slag filled epoxy composites using Experimental Design. IOP Conference Series: Materials Science and Engineering, 2019, 653, 012007.	0.6	1
16	Experimental investigation on Linzâ€Donawitz slag filled polypropylene composites using teachingâ€learning based optimization approach. Polymer Composites, 2018, 39, 3944-3951.	4.6	16
17	A Study on Tribological Behavior of Linz-Donawitz Slag Filled Polypropylene Composites Using Experimental Design and Neural Networks. , 2017, , .		3
18	Processing, characterization and erosion wear response of Linz-Donawitz (LD) slag filled polypropylene composites. Journal of Thermoplastic Composite Materials, 2016, 29, 1282-1296.	4.2	20

Pravat Ranjan Pati

#	Article	IF	CITATIONS
19	Development of Plasma Spray Coatings Using Linz-Donawitz (LD) Slag Particles. , 2015, , .		1
20	Processing and Characterization of Glass-epoxy Composites Filled with Linz-donawitz (LD) Slag. Universal Journal of Mechanical Engineering, 2015, 3, 7-11.	0.6	6
21	Prediction and simulation of wear response of Linz–Donawitz (LD) slag filled glass–epoxy composites using neural computation. Polymers for Advanced Technologies, 2015, 26, 121-127.	3.2	32
22	A Study on Processing, Characterization and Erosion Wear Response of Linz–Donawitz Slag Filled Epoxy Composites. Advances in Polymer Technology, 2015, 34, .	1.7	28
23	Triboperformance Analysis of Coatings of LD Slag Premixed with TiO ₂ Using Experimental Design and ANN. Tribology Transactions, 2015, 58, 349-356.	2.0	13
24	Development of wear resistant coatings using LD slag premixed with Al2O3. Journal of Material Cycles and Waste Management, 2015, 17, 135-143.	3.0	18
25	A Study on Coatability of Linz-Donawitz (LD) Slag by Plasma Spraying Route. , 2013, , .		1
26	Optimizing wear analysis of plasma sprayed Linz-Donawitz slag-Al ₂ O ₃ coatings using experimental design and neural network. Proceedings of the Institution of Mechanical Engineers, Part I: Journal of Engineering Tribology, 0 135065012211065	1.8	0

Engineers, Part J: Journal of Engineering Tribology, 0, , 135065012211065.