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List of Publications by Year in descending order

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docs citations

21
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232
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of plasma modification of polyethylene on natural fibre composites prepared via rotational moulding. Composites Part B: Engineering, 2019, 177, 107344.	12.0	42
2	The influence of different parameters in tribological characteristics of pineapple/sisal/TiO ₂ filler incorporation. Journal of Industrial Textiles, 2022, 51, 8626S-8644S.	2.4	30
3	The effect of various composite and operating parameters in wear properties of epoxy-based natural fiber composites. Journal of Material Cycles and Waste Management, 2022, 24, 667-679.	3.0	25
4	New type of thermoplastic bio composite: nature of the interface on the ultimate properties and water absorption. RSC Advances, 2015, 5, 97536-97546.	3.6	21
5	Degradation of Verapamil hydrochloride in water by gliding arc discharge. Chemosphere, 2016, 152, 47-54.	8.2	18
6	Surface Functionalization of Polyethylene Granules by Treatment with Low-Pressure Air Plasma. Materials, 2018, 11, 885.	2.9	15
7	Growth of a TiNb adhesion interlayer for bioactive coatings. Materials Science and Engineering C, 2017, 80, 652-658.	7.3	14
8	Investigation of Adhesion Between Metal and Plasma-Modified Polyethylene. Plasma Processes and Polymers, 2011, 8, 983-988.	3.0	12
9	Plasma Activation of Polyethylene Powder. Polymers, 2020, 12, 2099.	4.5	11
10	The effect of long-term moisture exposure and low temperatures on mechanical behavior of open-hole Cfrp laminate. Polymer Composites, 2021, 42, 3603-3618.	4.6	11
11	Experimental Studies on the Influence of Plasma Treatment of Polyethylene in Carbon Fiber Composites: Mechanical and Morphological Studies. Polymers, 2022, 14, 1095.	4.5	11
12	The Effect of Plasma Treatment of Polyethylene Powder and Glass Fibers on Selected Properties of Their Composites Prepared via Rotational Molding. Polymers, 2022, 14, 2592.	4.5	6
13	Adhesion Improvement between PE and PA in Multilayer Rotational Molding. Polymers, 2021, 13, 331.	4.5	5
14	New Method for Optimization of Polymer Powder Plasma Treatment for Composite Materials. Polymers, 2021, 13, 965.	4.5	4
15	Wettability and Adhesion of Polyethylene Powder Treated with Non-Equilibrium Various Gaseous Plasma in Semi-Industrial Equipment. Materials, 2022, 15, 686.	2.9	4
16	Plasma jet for environmental applications: Computational study of the electric field distribution between electrodes. , 2014, , .		2
17	Application of low temperature plasma treatment for thermoplastic composites. , 2017, , .		2
18	Plasma pre-treatment of polypropylene surface for industrial purposes. Materials and Manufacturing Processes, 2022, 37, 1483-1489.	4.7	2

#	ARTICLE	IF	CITATIONS
19	Plasma Modified and Unmodified Polyethylene as Filler in Natural Rubber Compounds: Morphology, Cure Behavior and Vulcanization Kinetics. Macromolecular Symposia, 2018, 381, 1800135.	0.7	1
20	Enhanced interfacial strength of plasma treated polyethylene and glass. , 0, , 01-08.		1
21	Rotational molding of plasma treated polyethylene/short glass fiber composites. International Journal of Engineering and Management Sciences, 2019, 4, 103-108.	0.1	0