Rupam Gogoi

List of Publications by Year
in descending order

12	296	933447 10	1372567 10
papers	citations	h-index	g-index

12	12	12	154
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High specific strength hybrid polypropylene composites using carbon fibre and hollow glass microspheres: Development, characterization and comparison with empirical models. Composites Part B: Engineering, 2019, 173, 106875.	12.0	60
2	Effect of Hollow Glass Microspheres on the Morphology, Rheology and Crystallinity of Short Bamboo Fiber-Reinforced Hybrid Polypropylene Composite. Jom, 2019, 71, 548-558.	1.9	44
3	Surface functionalization and CNT coating induced improved interfacial interactions of carbon fiber with polypropylene matrix: A molecular dynamics study. Applied Surface Science, 2021, 539, 148162.	6.1	40
4	Performance prediction analyses of styrene-butadiene rubber and crumb rubber materials in asphalt road applications. Materials and Structures/Materiaux Et Constructions, 2016, 49, 3479-3493.	3.1	30
5	A review on recent development in carbon fiber reinforced polyolefin composites. Composites Part C: Open Access, 2022, 8, 100279.	3.2	23
6	Mechano-chemically activated fly-ash and sisal fiber reinforced PP hybrid composite with enhanced mechanical properties. Cellulose, 2021, 28, 8493-8508.	4.9	22
7	A combined theoretical and experimental investigation of the valorization of mechanical and thermal properties of the fly ash-reinforced polypropylene hybrid composites. Journal of Materials Science, 2021, 56, 16976-16998.	3.7	22
8	Study of the Moisture Mitigation and Toughening Effect of Flyâ€ash Particles on Sisal Fiberâ€Reinforced Hybrid Polypropylene Composites. Journal of Polymers and the Environment, 2021, 29, 2321-2336.	5.0	22
9	Recycling and reinforcement potential for the fly ash and sisal fiber reinforced hybrid polypropylene composite. Polymer Composites, 2022, 43, 1060-1077.	4.6	17
10	Development of thermally conductive and highâ€specific strength polypropylene composites for thermal management applications in automotive. Polymer Composites, 2021, 42, 1945-1960.	4.6	13
11	Viscoelastic behavior of elastomer blends and composites. , 2022, , 171-194.		2
12	Development and characterization of surface functionalized hierarchical carbon fiber reinforced hybrid polypropylene composites. Journal of Thermoplastic Composite Materials, 2023, 36, 3066-3093.	4.2	1