Lalatendu Nayak

List of Publications by Year
in descending order

12	438	1040056 9	1281871 11
papers	citations	h-index	g-index

12	12	12	656
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An effective strategy to enhance mechanical, electrical, andÂelectromagnetic shielding effectiveness of chlorinated polyethylene-carbon nanofiber nanocomposites. Composites Part B: Engineering, 2017, 109, 155-169.	12.0	123
2	High-performance carbon nanofiber coated cellulose filter paper for electromagnetic interference shielding. Cellulose, 2017, 24, 5117-5131.	4.9	68
3	A mechanistic study on electromagnetic shielding effectiveness of polysulfone/carbon nanofibers nanocomposites. Journal of Materials Science, 2013, 48, 1492-1502.	3.7	66
4	Thermal and electrical properties of carbon nanotubes based polysulfone nanocomposites. Polymer Bulletin, 2011, 67, 1029-1044.	3.3	55
5	Electrical percolation behavior and electromagnetic shielding effectiveness of polyimide nanocomposites filled with carbon nanofibers. Journal of Applied Polymer Science, 2014, 131, .	2.6	35
6	A comparative study of physico-mechanical and electrical properties of polymer-carbon nanofiber in wet and melt mixing methods. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2019, 245, 95-106.	3.5	33
7	Polyimideâ€carbon nanotubes nanocomposites: electrical conduction behavior under cryogenic condition. Polymer Engineering and Science, 2017, 57, 291-298.	3.1	19
8	Thermally stable electromagnetic interference shielding material from polysulfone nanocomposites: Comparison on carbon nanotube and nanofiber reinforcement. Polymer Composites, 2015, 36, 566-575.	4.6	11
9	Thermal degradation kinetics of polyimide nanocomposites from different carbon nanofillers: Applicability of different theoretical models. Journal of Applied Polymer Science, 2018, 135, 45862.	2.6	10
10	Super Heat-Resistant Conductive Nanocomposites Based on Polysulfoneâ€“Carbon Nanofillers. Polymer-Plastics Technology and Engineering, 2015, 54, 315-323.	1.9	8
11	Electrical Conductivity of Polymerâ€“Carbon Composites: Effects of Different Factors. Springer Series on Polymer and Composite Materials, 2019, , 159-210.	0.7	5
12	Electrical conductivity of polymer-graphene composites. , 2022, , 107-139.		5