

Lalatendu Nayak

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

438
citations

1040056

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h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

656
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrical conductivity of polymer-graphene composites. , 2022, , 107-139.		5
2	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
3	Electrical Conductivity of Polymerâ€™Carbon Composites: Effects of Different Factors. Springer Series on Polymer and Composite Materials, 2019, , 159-210.	0.7	5
4	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
5	High-performance carbon nanofiber coated cellulose filter paper for electromagnetic interference shielding. Cellulose, 2017, 24, 5117-5131.	4.9	68
6	An effective strategy to enhance mechanical, electrical, and electromagnetic shielding effectiveness of chlorinated polyethylene-carbon nanofiber nanocomposites. Composites Part B: Engineering, 2017, 109, 155-169.	12.0	123
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	Super Heat-Resistant Conductive Nanocomposites Based on Polysulfoneâ€™Carbon Nanofillers. Polymer-Plastics Technology and Engineering, 2015, 54, 315-323.	1.9	8
10	Electrical percolation behavior and electromagnetic shielding effectiveness of polyimide nanocomposites filled with carbon nanofibers. Journal of Applied Polymer Science, 2014, 131, .	2.6	35
11	A mechanistic study on electromagnetic shielding effectiveness of polysulfone/carbon nanofibers nanocomposites. Journal of Materials Science, 2013, 48, 1492-1502.	3.7	66
12	Thermal and electrical properties of carbon nanotubes based polysulfone nanocomposites. Polymer Bulletin, 2011, 67, 1029-1044.	3.3	55