

Arvind Kumar

List of Publications by Year in descending order

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9
papers

181
citations

1307594

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h-index

1588992

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docs citations

9
times ranked

329
citing authors

#	ARTICLE	IF	CITATIONS
1	Impressive Transmission Mode Electromagnetic Interference Shielding Parameters of Graphene-like Nanocarbon/Polyurethane Nanocomposites for Short Range Tracking Countermeasures. ACS Applied Materials & Interfaces, 2015, 7, 14833-14842.	8.0	56
2	Graphene-like nanocarbon: An effective nanofiller for improving the mechanical and thermal properties of polymer at low weight fractions. Composites Science and Technology, 2016, 127, 79-87.	7.8	35
3	Mixed phase, sp ² and sp ³ bonded, and disordered few layer graphene-like nanocarbon: Synthesis and characterizations. Applied Surface Science, 2013, 271, 86-92.	6.1	23
4	Structure-reinforcement correlation and chain dynamics in graphene oxide and Laponite-filled epoxy nanocomposites. Journal of Materials Science, 2015, 50, 7458-7472.	3.7	20
5	Spin Transport and Magnetic Correlation Parameters for Graphene-like Nanocarbon Sheets Doped with Nitrogen. Journal of Physical Chemistry C, 2013, 117, 27105-27113.	3.1	19
6	Laponite-graphene oxide hybrid particulate filler enhances mechanical properties of cross-linked epoxy. Journal of Polymer Research, 2018, 25, 1.	2.4	12
7	Is the Plastic Pandemic a Greater Threat to Humankind than COVID-19?. ACS Sustainable Chemistry and Engineering, 2022, 10, 3150-3154.	6.7	12
8	Exchange Interaction of Itinerant Electron Donors of Tetrakis (Dimethylamino) Ethylene with Localized Electrons in Graphene. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2014, 44, 1477-1482.	0.6	4
9	Investigation of Disorder in Mixed Phase, sp ² and sp ³ Bonded Graphene-Like Nanocarbon. Journal of Nanoscience and Nanotechnology, 2018, 18, 2504-2512.	0.9	0