

Barun Das

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12020341/publications.pdf>

Version: 2024-02-01

12
papers

1,606
citations

933447

10
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

2959
citing authors

#	ARTICLE	IF	CITATIONS
1	Nano-indentation studies on polymer matrix composites reinforced by few-layer graphene. Nanotechnology, 2009, 20, 125705.	2.6	368
2	Changes in the electronic structure and properties of graphene induced by molecular charge-transfer. Chemical Communications, 2008, , 5155.	4.1	333
3	Extraordinary synergy in the mechanical properties of polymer matrix composites reinforced with 2 nanocarbons. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 13186-13189.	7.1	259
4	A study of the synthetic methods and properties of graphenes. Science and Technology of Advanced Materials, 2010, 11, 054502.	6.1	164
5	Effects of charge transfer interaction of graphene with electron donor and acceptor molecules examined using Raman spectroscopy and cognate techniques. Journal of Physics Condensed Matter, 2008, 20, 472204.	1.8	150
6	XPS evidence for molecular charge-transfer doping of graphene. Chemical Physics Letters, 2010, 497, 66-69.	2.6	112
7	Interaction of Inorganic Nanoparticles with Graphene. ChemPhysChem, 2011, 12, 937-943.	2.1	72
8	Novel Radiation-Induced Properties of Graphene and Related Materials. Macromolecular Chemistry and Physics, 2012, 213, 1146-1163.	2.2	67
9	Growth Kinetics of ZnO Nanorods: A Capping-Dependent Mechanism and Other Interesting Features. Journal of Physical Chemistry C, 2008, 112, 2404-2411.	3.1	59
10	Factors Affecting Laser-Excited Photoluminescence from ZnO Nanostructures. Journal of Cluster Science, 2012, 23, 649-659.	3.3	15
11	Interaction of CdSe and ZnO nanocrystals with electron-donor and -acceptor molecules. Chemical Physics Letters, 2013, 556, 200-206.	2.6	6
12	Inside Cover: Interaction of Inorganic Nanoparticles with Graphene (ChemPhysChem 5/2011). ChemPhysChem, 2011, 12, 882-882.	2.1	0