

Ibtsam Riaz

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

3,976
citations

686830

13
h-index

996533

15
g-index

16
all docs

16
docs citations

16
times ranked

6800
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorographene: A Two-Dimensional Counterpart of Teflon. <i>Small</i> , 2010, 6, 2877-2884.	5.2	1,146
2	Hunting for Monolayer Boron Nitride: Optical and Raman Signatures. <i>Small</i> , 2011, 7, 465-468.	5.2	950
3	Interfacial Stress Transfer in a Graphene Monolayer Nanocomposite. <i>Advanced Materials</i> , 2010, 22, 2694-2697.	11.1	551
4	Compression Behavior of Single-Layer Graphenes. <i>ACS Nano</i> , 2010, 4, 3131-3138.	7.3	282
5	Raman 2D-Band Splitting in Graphene: Theory and Experiment. <i>ACS Nano</i> , 2011, 5, 2231-2239.	7.3	271
6	Optimizing the Reinforcement of Polymer-Based Nanocomposites by Graphene. <i>ACS Nano</i> , 2012, 6, 2086-2095.	7.3	255
7	Development of a universal stress sensor for graphene and carbon fibres. <i>Nature Communications</i> , 2011, 2, .	5.8	172
8	Strain Mapping in a Graphene Monolayer Nanocomposite. <i>ACS Nano</i> , 2011, 5, 3079-3084.	7.3	142
9	Reversible Loss of Bernal Stacking during the Deformation of Few-Layer Graphene in Nanocomposites. <i>ACS Nano</i> , 2013, 7, 7287-7294.	7.3	68
10	Phonon and Structural Changes in Deformed Bernal Stacked Bilayer Graphene. <i>Nano Letters</i> , 2012, 12, 687-693.	4.5	65
11	External magnetic field effect on plume images and X-ray emission from a nanosecond laser produced plasma. <i>Laser and Particle Beams</i> , 2008, 26, 217-224.	0.4	30
12	Creep strain and recovery analysis of polypropylene composites filled with graphene nano filler. <i>Polymer</i> , 2021, 217, 123423.	1.8	14
13	Dielectric Properties of Multi-Layers Hexagonal Boron Nitride. <i>Materials Sciences and Applications</i> , 2020, 11, 339-346.	0.3	5
14	Intercalation in 2D MoS ₂ nanolayers by wet chemical synthesis for tuning optoelectronic properties. <i>Applied Nanoscience (Switzerland)</i> , 2022, 12, 17-27.	1.6	3
15	Metals on BN Studied by High Resolution Transmission Electron Microscopy. <i>Journal of Physics: Conference Series</i> , 2012, 371, 012050.	0.3	0