

Ibtsam Riaz

List of Publications by Year in descending order

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15
papers

3,976
citations

686830

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996533

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16
docs citations

16
times ranked

6800
citing authors

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