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List of Publications by Year in descending order

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21
papers

585
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687363

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22
all docs

22
docs citations

22
times ranked

1180
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights into fullerene polymerization under the high pressure: The role of endohedral Sc dimer. Carbon, 2022, 189, 37-45.	10.3	3
2	Ag-Doped and Antibiotic-Loaded Hexagonal Boron Nitride Nanoparticles as Promising Carriers to Fight Different Pathogens. ACS Applied Materials & Interfaces, 2021, 13, 23452-23468.	8.0	17
3	High yield production of ultrathin fibroid semiconducting nanowire of Ta ₂ Pd ₃ Se ₈ . Nano Research, 2020, 13, 1627-1635.	10.4	16
4	Plasma Surface Polymerized and Biomarker Conjugated Boron Nitride Nanoparticles for Cancer-Specific Therapy: Experimental and Theoretical Study. Nanomaterials, 2019, 9, 1658.	4.1	6
5	Construction of Polarized Carbon-Nickel Catalytic Surfaces for Potent, Durable, and Economic Hydrogen Evolution Reactions. ACS Nano, 2018, 12, 4148-4155.	14.6	121
6	Experimental and Theoretical Study of Doxorubicin Physicochemical Interaction with BN(O) Drug Delivery Nanocarriers. Journal of Physical Chemistry C, 2018, 122, 26409-26418.	3.1	14
7	Synthesis and Characterization of Folate Conjugated Boron Nitride Nanocarriers for Targeted Drug Delivery. Journal of Physical Chemistry C, 2017, 121, 28096-28105.	3.1	29
8	Effective fluorination of single-layer graphene by high-energy ion irradiation through a LiF overlayer. RSC Advances, 2016, 6, 68525-68529.	3.6	5
9	The possible formation of a magnetic FeS ₂ phase in the two-dimensional MoS ₂ matrix. Physical Chemistry Chemical Physics, 2016, 18, 26956-26959.	2.8	1
10	Direct Fabrication of Functional Ultrathin Single-Crystal Nanowires from Quasi-One-Dimensional van der Waals Crystals. Nano Letters, 2016, 16, 6188-6195.	9.1	37
11	Converting Chemically Functionalized Few-Layer Graphene to Diamond Films: A Computational Study. Journal of Physical Chemistry C, 2015, 119, 2828-2836.	3.1	50
12	Contracted interlayer distance in graphene/sapphire heterostructure. Nano Research, 2015, 8, 1535-1545.	10.4	26
13	Hole-doping of mechanically exfoliated graphene by confined hydration layers. Nano Research, 2015, 8, 3020-3026.	10.4	19
14	Enhanced electron coherence in atomically thin Nb ₃ SiTe ₆ . Nature Physics, 2015, 11, 471-476.	16.7	46
15	Bilayered semiconductor graphene nanostructures with periodically arranged hexagonal holes. Nano Research, 2015, 8, 1250-1258.	10.4	25
16	Theoretical aspects of WS ₂ nanotube chemical unzipping. Nanoscale, 2014, 6, 8400-8404.	5.6	5
17	High hydrogen-adsorption-rate material based on graphene decorated with alkali metals. Physical Review B, 2012, 86, .	3.2	52
18	A quantum chemical study of the formation of 2-hydroperoxy-coelenterazine in the Ca ²⁺ -regulated photoprotein obelin. Journal of Structural Chemistry, 2011, 52, 870-875.	1.0	0

#	ARTICLE	IF	CITATIONS
19	Calcium-Decorated Carbyne Networks as Hydrogen Storage Media. Nano Letters, 2011, 11, 2660-2665.	9.1	98
20	Effect of electron correlations on the structure of photoprotein substrates. JETP Letters, 2010, 91, 490-493.	1.4	0
21	Fluorescence of calcium-discharged obelin: The structure and molecular mechanism of emitter formation. Doklady Biochemistry and Biophysics, 2008, 422, 279-284.	0.9	15