

Liubov Yu Antipina

List of Publications by Year in descending order

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21
papers

585
citations

687363

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times ranked

1180
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of Polarized Carbon–Nickel Catalytic Surfaces for Potent, Durable, and Economic Hydrogen Evolution Reactions. <i>ACS Nano</i> , 2018, 12, 4148-4155.	14.6	121
2	Calcium-Decorated Carbyne Networks as Hydrogen Storage Media. <i>Nano Letters</i> , 2011, 11, 2660-2665.	9.1	98
3	High hydrogen-adsorption-rate material based on graphene decorated with alkali metals. <i>Physical Review B</i> , 2012, 86, .	3.2	52
4	Converting Chemically Functionalized Few-Layer Graphene to Diamond Films: A Computational Study. <i>Journal of Physical Chemistry C</i> , 2015, 119, 2828-2836.	3.1	50
5	Enhanced electron coherence in atomically thin Nb ₃ SiTe ₆ . <i>Nature Physics</i> , 2015, 11, 471-476.	16.7	46
6	Direct Fabrication of Functional Ultrathin Single-Crystal Nanowires from Quasi-One-Dimensional van der Waals Crystals. <i>Nano Letters</i> , 2016, 16, 6188-6195.	9.1	37
7	Synthesis and Characterization of Folate Conjugated Boron Nitride Nanocarriers for Targeted Drug Delivery. <i>Journal of Physical Chemistry C</i> , 2017, 121, 28096-28105.	3.1	29
8	Contracted interlayer distance in graphene/sapphire heterostructure. <i>Nano Research</i> , 2015, 8, 1535-1545.	10.4	26
9	Bilayered semiconductor graphene nanostructures with periodically arranged hexagonal holes. <i>Nano Research</i> , 2015, 8, 1250-1258.	10.4	25
10	Hole-doping of mechanically exfoliated graphene by confined hydration layers. <i>Nano Research</i> , 2015, 8, 3020-3026.	10.4	19
11	Ag-Doped and Antibiotic-Loaded Hexagonal Boron Nitride Nanoparticles as Promising Carriers to Fight Different Pathogens. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 23452-23468.	8.0	17
12	High yield production of ultrathin fibroid semiconducting nanowire of Ta ₂ Pd ₃ Se ₈ . <i>Nano Research</i> , 2020, 13, 1627-1635.	10.4	16
13	Fluorescence of calcium-discharged obelin: The structure and molecular mechanism of emitter formation. <i>Doklady Biochemistry and Biophysics</i> , 2008, 422, 279-284.	0.9	15
14	Experimental and Theoretical Study of Doxorubicin Physicochemical Interaction with BN(O) Drug Delivery Nanocarriers. <i>Journal of Physical Chemistry C</i> , 2018, 122, 26409-26418.	3.1	14
15	Plasma Surface Polymerized and Biomarker Conjugated Boron Nitride Nanoparticles for Cancer-Specific Therapy: Experimental and Theoretical Study. <i>Nanomaterials</i> , 2019, 9, 1658.	4.1	6
16	Theoretical aspects of WS ₂ nanotube chemical unzipping. <i>Nanoscale</i> , 2014, 6, 8400-8404.	5.6	5
17	Effective fluorination of single-layer graphene by high-energy ion irradiation through a LiF overlayer. <i>RSC Advances</i> , 2016, 6, 68525-68529.	3.6	5
18	Insights into fullerene polymerization under the high pressure: The role of endohedral Sc dimer. <i>Carbon</i> , 2022, 189, 37-45.	10.3	3

#	ARTICLE	IF	CITATIONS
19	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
20	Effect of electron correlations on the structure of photoprotein substrates. JETP Letters, 2010, 91, 490-493.	1.4	0
21	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