

Nadezhda A Besedina

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

319
citations

1307594

7
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

522
citing authors

#	ARTICLE	IF	CITATIONS
1	From graphene oxide towards aminated graphene: facile synthesis, its structure and electronic properties. <i>Scientific Reports</i> , 2020, 10, 6902.	3.3	114
2	Facile reduction of graphene oxide suspensions and films using glass wafers. <i>Scientific Reports</i> , 2018, 8, 14154.	3.3	110
3	Graphene oxide conversion into controllably carboxylated graphene layers via photoreduction process in the inert atmosphere. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2020, 28, 221-225.	2.1	16
4	Gold nanoparticle-carbon nanotube multilayers on silica microspheres: Optoacoustic-Raman enhancement and potential biomedical applications. <i>Materials Science and Engineering C</i> , 2021, 120, 111736.	7.3	16
5	Ultracentrifugation for ultrafine nanodiamond fractionation. <i>Superlattices and Microstructures</i> , 2018, 113, 204-212.	3.1	15
6	Structure and Properties of Thin Graphite-Like Films Produced by Magnetron-Assisted Sputtering. <i>Semiconductors</i> , 2018, 52, 914-920.	0.5	9
7	Thin carbon films: Correlation between morphology and field-emission capability. <i>Diamond and Related Materials</i> , 2020, 105, 107805.	3.9	7
8	Guiding graphene derivatization for covalent immobilization of aptamers. <i>Carbon</i> , 2022, 196, 264-279.	10.3	7
9	Microfluidic Characterization of Red Blood Cells Microcirculation under Oxidative Stress. <i>Cells</i> , 2021, 10, 3552.	4.1	6
10	Persistent red blood cells retain their ability to move in microcapillaries under high levels of oxidative stress. <i>Communications Biology</i> , 2022, 5, .	4.4	6
11	Thermodynamic Analysis of the Conformational Stability of a Single-Domain Therapeutic Antibody. <i>Technical Physics Letters</i> , 2017, 43, 1088-1091.	0.7	4
12	Sonication assisted advanced oxidation process: hybrid method for deagglomeration of detonation nanodiamond particles. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 0, , 1-7.	2.1	3
13	Peculiarities of inelastic scattering of light by $\text{Nd}_{1-x}\text{Bi}_x\text{FeO}_3$ nanoclusters. <i>Nano Express</i> , 2020, 1, 010064.	2.4	2
14	Investigation of Erythrocyte Transport through Microchannels After the Induction of Oxidative Stress with Tert-Butyl Peroxide. <i>Technical Physics</i> , 2020, 65, 1491-1496.	0.7	2
15	Kinetic Model of the Formation of Protein Crystals in Capillaries by Counterdiffusion. <i>Technical Physics Letters</i> , 2018, 44, 502-504.	0.7	1
16	Study of nanocarbon thin-film field-electron emitters by Raman spectroscopy. <i>Journal of Physics: Conference Series</i> , 2019, 1236, 012005.	0.4	1
17	Nucleation and Growth Modeling of Protein Crystals in Capillaries. <i>Semiconductors</i> , 2018, 52, 2132-2134.	0.5	0
18	Artificial neural network prediction of lysozyme solubility for protein crystallization. <i>Journal of Physics: Conference Series</i> , 2018, 1124, 031017.	0.4	0

#	ARTICLE	IF	CITATIONS
19	Red blood cell transport velocity in microchannels indicates the growth of abnormal subpopulation under oxidative stress. FASEB Journal, 2021, 35, .	0.5	0