

Ekaterina A Obraztsova

List of Publications by Year in descending order

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papers

782
citations

759233

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28
docs citations

28
times ranked

1202
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable Doping and Characterization of Single-Wall Carbon Nanotube Macrosystems for Electrode Material Applications. ACS Applied Nano Materials, 2021, 4, 3220-3231.	5.0	3
2	Vapor-phase epitaxial re-growth of large diameter single-walled carbon nanotubes. Applied Physics Letters, 2021, 118, .	3.3	5
3	Autographivirinae Bacteriophage Arno 160 Infects Pectobacterium carotovorum via Depolymerization of the Bacterial O-Polysaccharide. International Journal of Molecular Sciences, 2020, 21, 3170.	4.1	12
4	Optical Features of Vapor-Phase Epitaxial Re-Grown Long Semiconducting Single-Walled Carbon Nanotubes. Physica Status Solidi (B): Basic Research, 2019, 256, 1800602.	1.5	2
5	Carbon Nanospikes: Synthesis, characterization and application for high resolution AFM. Ultramicroscopy, 2019, 197, 11-15.	1.9	9
6	Morphologically Different Pectobacterium brasiliense Bacteriophages PP99 and PP101: Deacetylation of O-Polysaccharide by the Tail Spike Protein of Phage PP99 Accompanies the Infection. Frontiers in Microbiology, 2019, 10, 3147.	3.5	33
7	Modification of graphene electronic properties via controllable gas-phase doping with copper chloride. Applied Physics Letters, 2018, 112, .	3.3	23
8	Photoluminescent properties of single crystal diamond microneedles. Optical Materials, 2018, 75, 49-55.	3.6	22
9	Production and potential applications of needle-like diamonds. Materials Today: Proceedings, 2018, 5, 26146-26152.	1.8	2
10	Electrochemical characterization of mesoporous nanographite films. Carbon, 2016, 105, 96-102.	10.3	8
11	Photo- and cathodo-luminescence of needle-like single crystal diamonds. Journal of Luminescence, 2016, 179, 539-544.	3.1	13
12	Structural peculiarities of single crystal diamond needles of nanometer thickness. Nanotechnology, 2016, 27, 455707.	2.6	12
13	Microwave method for synthesis of micro- and nanostructures with controllable composition during gyrotron discharge. Journal of Nanophotonics, 2016, 10, 012520.	1.0	13
14	Liquid-phase exfoliation of flaky graphite. Journal of Nanophotonics, 2016, 10, 012525.	1.0	19
15	Fabrication, characterization, and mechanical properties of spark plasma sintered Al ³⁺ /BN nanoparticle composites. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2015, 642, 104-112.	5.6	81
16	CVD nanographite films covered by ALD metal oxides: structural and field emission properties. Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 1022-1027.	0.8	2
17	Single-crystal diamond pyramids: synthesis and application for atomic force microscopy. Journal of Nanophotonics, 2015, 10, 012517.	1.0	11
18	Atomic layer deposition of TiO ₂ and Al ₂ O ₃ on nanographite films: structure and field emission properties. Journal of Nanophotonics, 2015, 10, 012509.	1.0	3

#	ARTICLE	IF	CITATIONS
19	In vitro properties of hordeivirus TGB1 protein forming ribonucleoprotein complexes. Journal of General Virology, 2015, 96, 3422-3431.	2.9	7
20	Optical properties of single-walled carbon nanotubes filled with CuCl by gas-phase technique. Physica Status Solidi (B): Basic Research, 2014, 251, 2466-2470.	1.5	36
21	Chiral-Selective Growth of Single-Walled Carbon Nanotubes on Lattice-Mismatched Epitaxial Cobalt Nanoparticles. Scientific Reports, 2013, 3, 1460.	3.3	175
22	Absorption spectroscopy of powdered materials using time-resolved diffuse optical methods. Applied Optics, 2012, 51, 7858.	1.8	9
23	Optical spectroscopy of iodine-doped single-wall carbon nanotubes of different diameter. Physica Status Solidi (B): Basic Research, 2012, 249, 2454-2459.	1.5	27
24	Comparison of structural changes in nitrogen and boron-doped multi-walled carbon nanotubes. Carbon, 2010, 48, 3033-3041.	10.3	111
25	Effect of environment on ultrafast photoexcitation kinetics in single-wall carbon nanotubes. Physica Status Solidi (B): Basic Research, 2010, 247, 2831-2834.	1.5	7
26	Statistical analysis of atomic force microscopy and Raman spectroscopy data for estimation of graphene layer numbers. Physica Status Solidi (B): Basic Research, 2008, 245, 2055-2059.	1.5	51
27	Raman scattering characterization of CVD graphite films. Carbon, 2008, 46, 963-968.	10.3	72
28	Polyelectrolyte thromboresistant affinity coatings for modification of devices contacting blood. Journal of Biomedical Materials Research - Part A, 2007, 82A, 589-598.	4.0	14