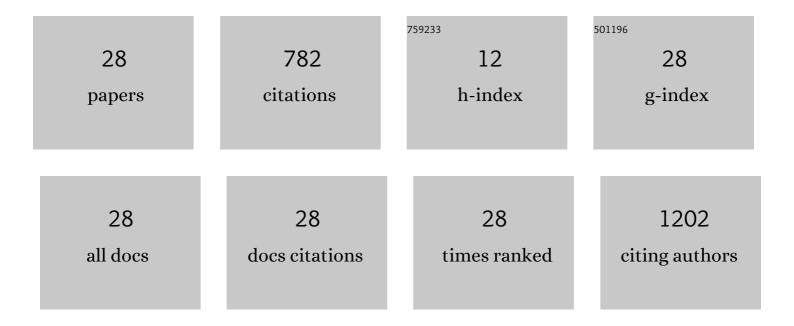
Ekaterina A Obraztsova

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Chiral-Selective Growth of Single-Walled Carbon Nanotubes on Lattice-Mismatched Epitaxial Cobalt Nanoparticles. Scientific Reports, 2013, 3, 1460.	3.3	175
2	Comparison of structural changes in nitrogen and boron-doped multi-walled carbon nanotubes. Carbon, 2010, 48, 3033-3041.	10.3	111
3	Fabrication, characterization, and mechanical properties of spark plasma sintered Al–BN nanoparticle composites. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2015, 642, 104-112.	5.6	81
4	Raman scattering characterization of CVD graphite films. Carbon, 2008, 46, 963-968.	10.3	72
5	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
6	Optical properties of singleâ€walled carbon nanotubes filled with CuCl by gasâ€phase technique. Physica Status Solidi (B): Basic Research, 2014, 251, 2466-2470.	1.5	36
7	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
8	Optical spectroscopy of iodineâ€doped singleâ€wall carbon nanotubes of different diameter. Physica Status Solidi (B): Basic Research, 2012, 249, 2454-2459.	1.5	27
9	Modification of graphene electronic properties via controllable gas-phase doping with copper chloride. Applied Physics Letters, 2018, 112, .	3.3	23
10	Photoluminescent properties of single crystal diamond microneedles. Optical Materials, 2018, 75, 49-55.	3.6	22
11	Liquid-phase exfoliation of flaky graphite. Journal of Nanophotonics, 2016, 10, 012525.	1.0	19
12	Polyelectrolyte thromboresistant affinity coatings for modification of devices contacting blood. Journal of Biomedical Materials Research - Part A, 2007, 82A, 589-598.	4.0	14
13	Photo- and cathodo-luminescence of needle-like single crystal diamonds. Journal of Luminescence, 2016, 179, 539-544.	3.1	13
14	Microwave method for synthesis of micro- and nanostructures with controllable composition during gyrotron discharge. Journal of Nanophotonics, 2016, 10, 012520.	1.0	13
15	Structural peculiarities of single crystal diamond needles of nanometer thickness. Nanotechnology, 2016, 27, 455707.	2.6	12
16	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
17	Single-crystal diamond pyramids: synthesis and application for atomic force microscopy. Journal of Nanophotonics, 2015, 10, 012517.	1.0	11
18	Absorption spectroscopy of powdered materials using time-resolved diffuse optical methods. Applied Optics, 2012, 51, 7858.	1.8	9

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19	Carbon Nanospikes: Synthesis, characterization and application for high resolution AFM. Ultramicroscopy, 2019, 197, 11-15.	1.9	9
20	Electrochemical characterization of mesoporous nanographite films. Carbon, 2016, 105, 96-102.	10.3	8
21	Effect of environment on ultrafast photoexcitation kinetics in singleâ€wall carbon nanotubes. Physica Status Solidi (B): Basic Research, 2010, 247, 2831-2834.	1.5	7
22	In vitro properties of hordeivirus TGB1 protein forming ribonucleoprotein complexes. Journal of General Virology, 2015, 96, 3422-3431.	2.9	7
23	Vapor-phase epitaxial re-growth of large diameter single-walled carbon nanotubes. Applied Physics Letters, 2021, 118, .	3.3	5
24	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
25	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
26	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
27	Production and potential applications of needle-like diamonds. Materials Today: Proceedings, 2018, 5, 26146-26152.	1.8	2
28	Optical Features of Vaporâ€Phase Epitaxial Reâ€Grown Long Semiconducting Singleâ€Walled Carbon Nanotubes. Physica Status Solidi (B): Basic Research, 2019, 256, 1800602.	1.5	2