Vladimir Seleznev

List of Publications by Year
in descending order

12 papers	120 citations	1307366 7 h-index	1281743 11 g-index
12 all docs	12 docs citations	12 times ranked	175 citing authors

#	Article	IF	Citations
1	Extremely high response of electrostatically exfoliated few layer graphene to ammonia adsorption. Nanotechnology, 2011, 22, 285502.	1.3	21
2	Noninvasive Microsurgery Using Aptamer-Functionalized Magnetic Microdisks for Tumor Cell Eradication. Nucleic Acid Therapeutics, 2017, 27, 105-114.	2.0	17
3	Comparison of various methods for transferring graphene and few layer graphene grown by chemical vapor deposition to an insulating SiO2/Si substrate. Semiconductors, 2014, 48, 804-808.	0.2	15
4	High carrier mobility in chemically modified graphene on an atomically flat high-resistive substrate. Journal Physics D: Applied Physics, 2013, 46, 285303.	1.3	13
5	Large-area multilayer infrared nano-wire grid polarizers. Infrared Physics and Technology, 2016, 75, 77-81.	1.3	12
6	Generation and registration of disturbances in a gas flow. 1. Formation of arrays of tubular microheaters and microsensors. Journal of Applied Mechanics and Technical Physics, 2009, 50, 291-296.	0.1	10
7	Nucleation and epitaxial growth of Ge nanoislands on Si surface prepatterned by ion irradiation. Physica Status Solidi (A) Applications and Materials Science, 2013, 210, 1522-1524.	0.8	7
8	The antitumor effect of magnetic nanodisks and DNA aptamer conjugates. Doklady Biochemistry and Biophysics, 2016, 466, 66-69.	0.3	6
9	Step-height standards based on the rapid formation of monolayer steps on the surface of layered crystals. Applied Surface Science, 2017, 410, 1-7.	3.1	6
10	Fabrication and Study of Micro- and Nanostructured Superhydrophobic and Anti-Icing Surfaces. Nanotechnologies in Russia, 2017, 12, 485-494.	0.7	6
11	Generation and registration of disturbances in a gas flow. 2. Experiments with arrays of tubular microheaters and microsensors. Journal of Applied Mechanics and Technical Physics, 2009, 50, 454-458.	0.1	5
12	Neurointerfaces: Review and development. Russian Journal of Genetics: Applied Research, 2015, 5, 552-561.	0.4	2