Peter I Belobrov

List of Publications by Year
in descending order

23	358	840776 11	794594 19
papers	citations	h-index	g-index

23	23	23	307
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Handheld Enzymatic Luminescent Biosensor for Rapid Detection of Heavy Metals in Water Samples. Chemosensors, 2019, 7, 16.	3.6	28
2	Disposable luciferaseâ€based microfluidic chip for rapid assay of water pollution. Luminescence, 2018, 33, 1054-1061.	2.9	15
3	Active mixing of immobilised enzymatic system in microfluidic chip. Micro and Nano Letters, 2017, 12, 377-381.	1.3	5
4	Single bright NV centers in aggregates of detonation nanodiamonds. Optical Materials Express, 2017, 7, 4038.	3.0	23
5	Analytical Enzymatic Reactions in Microfluidic Chips. Applied Biochemistry and Microbiology, 2017, 53, 775-780.	0.9	9
6	Dissolution and mixing of flavin mononucleotide in microfluidic chips for bioassay. Journal of Physics: Conference Series, 2016, 741, 012058.	0.4	2
7	Electrophysical properties of carbon nanocomposites based on nanodiamonds irradiated with fast neutrons. Physics of the Solid State, 2014, 56, 152-156.	0.6	1
8	Specific features in the change of electrical resistivity of carbon nanocomposites based on nanodiamonds under neutron irradiation. Physics of the Solid State, 2013, 55, 1480-1486.	0.6	1
9	Electrical and magnetic properties of nanodiamond and pyrocarbon composites. Russian Journal of General Chemistry, 2013, 83, 2173-2181.	0.8	3
10	Electron spectroscopy of nanodiamond surface states. Applied Surface Science, 2003, 215, 169-177.	6.1	27
11	Uniform distribution and stabilization of nanoparticles in a bacterial poly-beta-hydroxybutyrate gel. Doklady Biochemistry and Biophysics, 2001, 376, 23-25.	0.9	0
12	Paramagnetic properties of nanodiamond. Doklady Physics, 2001, 46, 459-462.	0.7	22
13	SURFACE BONDING STATES OF NANO-CRYSTALLINE DIAMOND BALLS. International Journal of Modern Physics B, 2001, 15, 4071-4085.	2.0	11
14	Low-field electron emission of diamond/pyrocarbon composites. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2001, 19, 965.	1.6	35
15	Thermal properties of diamond/carbon composites. Diamond and Related Materials, 2000, 9, 1104-1109.	3.9	41
16	Characterization of field emission cathodes with different forms of diamond coatings. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1999, 17, 666.	1.6	16
17	Surface properties of nanodiamond films deposited by electrophoresis on Si(100). Diamond and Related Materials, 1999, 8, 805-808.	3.9	45
18	Electrophoresis of nanodiamond powder for cold cathode fabrication. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1999, 17, 715.	1.6	40

#	Article	IF	Citations
19	Bioluminescent Analysis. The Action of Toxicants: Physical-Chemical Regularities of the Toxicants Effects. Analytical Letters, 1994, 27, 2931-2947.	1.8	25
20	Devil's staircase in double helices self-organization. Physics Letters, Section A: General, Atomic and Solid State Physics, 1987, 122, 323-326.	2.1	2
21	Methods of nonlinear dynamics and equilibrium structures of magnetoelastic chains. Journal of Statistical Physics, 1985, 38, 393-404.	1.2	1
22	Incommensurate structure as a nonlinear resonance between an atomic chain and a field. Physics Letters, Section A: General, Atomic and Solid State Physics, 1983, 97, 409-412.	2.1	6
23	Droplet Reactors with Bioluminescent Enzymes for Real-Time Water Pollution Monitoring. , 0, , .		0