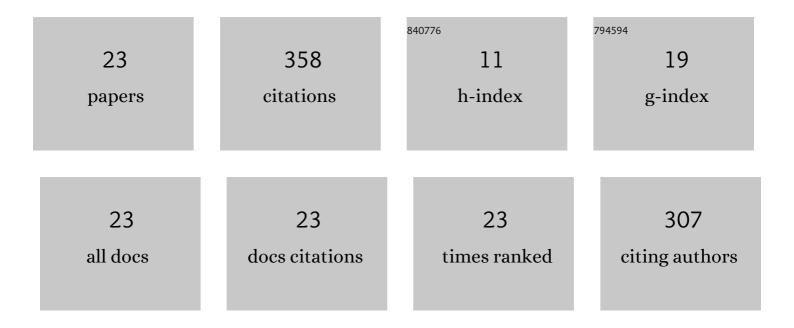
Peter I Belobrov

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Surface properties of nanodiamond films deposited by electrophoresis on Si(100). Diamond and Related Materials, 1999, 8, 805-808. | 3.9 | 45 |
| 2 | Thermal properties of diamond/carbon composites. Diamond and Related Materials, 2000, 9, 1104-1109. | 3.9 | 41 |
| 3 | 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 |
| 4 | 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 |
| 5 | Handheld Enzymatic Luminescent Biosensor for Rapid Detection of Heavy Metals in Water Samples. Chemosensors, 2019, 7, 16. | 3.6 | 28 |
| 6 | Electron spectroscopy of nanodiamond surface states. Applied Surface Science, 2003, 215, 169-177. | 6.1 | 27 |
| 7 | Bioluminescent Analysis. The Action of Toxicants: Physical-Chemical Regularities of the Toxicants Effects. Analytical Letters, 1994, 27, 2931-2947. | 1.8 | 25 |
| 8 | Single bright NV centers in aggregates of detonation nanodiamonds. Optical Materials Express, 2017, 7, 4038. | 3.0 | 23 |
| 9 | Paramagnetic properties of nanodiamond. Doklady Physics, 2001, 46, 459-462. | 0.7 | 22 |
| 10 | 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 |
| 11 | Disposable luciferaseâ€based microfluidic chip for rapid assay of water pollution. Luminescence, 2018, 33, 1054-1061. | 2.9 | 15 |
| 12 | SURFACE BONDING STATES OF NANO-CRYSTALLINE DIAMOND BALLS. International Journal of Modern Physics B, 2001, 15, 4071-4085. | 2.0 | 11 |
| 13 | Analytical Enzymatic Reactions in Microfluidic Chips. Applied Biochemistry and Microbiology, 2017, 53, 775-780. | 0.9 | 9 |
| 14 | 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 |
| 15 | Active mixing of immobilised enzymatic system in microfluidic chip. Micro and Nano Letters, 2017, 12, 377-381. | 1.3 | 5 |
| 16 | Electrical and magnetic properties of nanodiamond and pyrocarbon composites. Russian Journal of General Chemistry, 2013, 83, 2173-2181. | 0.8 | 3 |
| 17 | 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 |
| 18 | Dissolution and mixing of flavin mononucleotide in microfluidic chips for bioassay. Journal of Physics: Conference Series, 2016, 741, 012058. | 0.4 | 2 |

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Methods of nonlinear dynamics and equilibrium structures of magnetoelastic chains. Journal of Statistical Physics, 1985, 38, 393-404. | 1.2 | 1 |
| 20 | 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 |
| 21 | Electrophysical properties of carbon nanocomposites based on nanodiamonds irradiated with fast neutrons. Physics of the Solid State, 2014, 56, 152-156. | 0.6 | 1 |
| 22 | Uniform distribution and stabilization of nanoparticles in a bacterial poly-beta-hydroxybutyrate gel. Doklady Biochemistry and Biophysics, 2001, 376, 23-25. | 0.9 | 0 |
| 23 | Droplet Reactors with Bioluminescent Enzymes for Real-Time Water Pollution Monitoring. , 0, , . | | 0 |