

Volodymyr Maslov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Aspects of "antigen" antibody interaction of chicken infectious bronchitis virus determined by surface plasmon resonance. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 264, 120236.	3.9	9
2	Influence of Technological Factors on Sensitivity of Analytical Devices Based on Surface Plasmon Resonance. <i>Journal of Sensor Technology</i> , 2015, 05, 54-61.	1.0	9
3	Study of chemical interaction at Al-ZERODUR interface. <i>Journal of the European Ceramic Society</i> , 2006, 26, 3825-3830.	5.7	8
4	Deposition of molybdenum carbide on the surface of diamonds by electrolysis of ionic melts. <i>Soviet Powder Metallurgy and Metal Ceramics (English Translation of Poroshkovaya Metallurgiya)</i> , 1986, 25, 567-569.	0.1	4
5	Reaction of cubic boron nitride with titanium iodides. <i>Soviet Powder Metallurgy and Metal Ceramics (English Translation of Poroshkovaya Metallurgiya)</i> , 1984, 23, 787-789.	0.1	3
6	Development of a technology for joining glass-ceramics parts with zero thermal expansion. <i>Optical Engineering</i> , 2008, 47, 023401.	1.0	3
7	Investigation of the thermal annealing effect on the defects structure in I^{137} -irradiated CdZnTe crystals by photoluminescence method. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2012, 290, 26-29.	1.4	3
8	Investigation of the Possibility to Use Ge p-i-n Photodiodes in Infrared SPR Sensors. <i>European Journal of Applied Physics</i> , 2021, 3, 38-42.	0.2	3
9	Effect of disturbed surface layer parameters on the structural strength of brittle nonmetallic materials. <i>Strength of Materials</i> , 1983, 15, 1108-1113.	0.5	2
10	Metallization of diamonds in a gaseous atmosphere of molybdenum chlorides. <i>Soviet Powder Metallurgy and Metal Ceramics (English Translation of Poroshkovaya Metallurgiya)</i> , 1984, 23, 286-290.	0.1	2
11	Effect of surface condition on the microcreep of optical glass ceramic, fused quartz glass, and certain crown-type silicate glasses at room temperature. <i>Strength of Materials</i> , 1987, 19, 832-837.	0.5	2
12	Gas-phase deposition of titanium coatings on grains of cubic boron nitride. <i>Soviet Powder Metallurgy and Metal Ceramics (English Translation of Poroshkovaya Metallurgiya)</i> , 1991, 30, 297-300.	0.1	2
13	Experimental and Theoretical Substantiation of the Express Method Development for Detection of Enteroviruses in Water by Surface Plasmon Resonance Method. <i>Innovative Biosystems and Bioengineering</i> , 2019, 3, 52-60.	0.7	2
14	Deposition of chromium coatings on diamonds from a gaseous phase. <i>Soviet Powder Metallurgy and Metal Ceramics (English Translation of Poroshkovaya Metallurgiya)</i> , 1982, 21, 292-294.	0.1	1
15	Strength of optical glass under conditions of axial compression. <i>Strength of Materials</i> , 1985, 17, 1125-1130.	0.5	1
16	A study of the fracture of glasses, pyroceramics and their nanojoints using the method of acoustic emission. <i>Strength of Materials</i> , 2007, 39, 64-67.	0.5	1
17	Detection of methanol vapor by surface plasmon resonance method. <i>Eastern-European Journal of Enterprise Technologies</i> , 2015, 4, 4.	0.5	1
18	Oxidation resistance of diamonds with molybdenum disilicide coatings. <i>Soviet Powder Metallurgy and Metal Ceramics (English Translation of Poroshkovaya Metallurgiya)</i> , 1984, 23, 60-62.	0.1	0

