Volodymyr Maslov

List of Publications by Year in descending order

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1937685 1720034 35 57 4 7 citations g-index h-index papers 36 36 36 40 docs citations times ranked citing authors all docs

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

#	Article	IF	CITATIONS
19	A method of determination of the degree of metallization of superhard material powders. Soviet Powder Metallurgy and Metal Ceramics (English Translation of Poroshkovaya Metallurgiya), 1986, 25, 241-246.	0.1	0
20	Increasing the mechanical strength of sitall and quartz glass. Glass and Ceramics (English) Tj ETQq0 0 0 rgBT /Ov	erlock 10 i	Tf 50 702 Td
21	Determination of Poisson's coefficient of glasses by microindentation. Glass and Ceramics (English) Tj ETQq1 1 0	.784314 r 0.6	gBT /Overl <mark>oc</mark>
22	Calculating processing accuracy in chemical etching for ground items. Glass and Ceramics (English) Tj ETQq0 0 0	rgBT /Ove	rlock 10 Tf 5
23	Interaction of the cubic boron nitride with the gas phase of chrome iodides. Soviet Powder Metallurgy and Metal Ceramics (English Translation of Poroshkovaya Metallurgiya), 1990, 29, 250-251.	0.1	0
24	Treating sitall and glass blanks with diamond polycrystalline cutters. Glass and Ceramics (English) Tj ETQq0 0 0 rg	;BT /Overlo	ock 10 Tf 50
25	Effect of elastic property inhomogeneity for a ceramic substrate on separation conditions for a glass coating. Strength of Materials, 1991, 23, 152-155.	0.5	0
26	Relaxation of residual deformations in the surface layers of silicate glasses. Glass and Ceramics (English Translation of Steklo I Keramika), 1991, 48, 204-206.	0.6	0
27	Surface treatment of glasses and sitalls and their mechanical strength. Glass and Ceramics (English) Tj ETQq1 1 C	.784314 r	rgBT /Overloc
28	Formation of titanium silicides on a silicon surface by transfer of titanium iodides through a gas phase in the Ti-Si-I system. Soviet Powder Metallurgy and Metal Ceramics (English Translation of) Tj ETQq0 0 0 rg	BTO/. © verlo	ocko10 Tf 50 3
29	Ellipsometric investigations of polished surface of glass/ceramic with ultralow coefficient of the temperature expansion. , 2004, , .		0
30	Unglue bonding of glass/ceramic parts with ultralow coefficient of thermal expansion. , 2004, , .		0
31	Thermoresistant Nano-filled Glass-ceramics. Procedia Engineering, 2011, 10, 1463-1466.	1.2	0
32	The influence of diamond powder as a filler on properties of a copper-sapphire glued joint. Journal of Superhard Materials, 2013, 35, 256-258.	1.2	0
33	Experimental X-ray investigations of changes at the "solid-solid interface―boundary after pulsed focused laser irradiation. Materials Letters, 2019, 257, 126672.	2.6	0
34	SURFACE PLASMON RESONANCE METHOD FOR DETECTION CHICKEN INFECTIOUS BRONCHITIS CORONAVIRUS. Scientific and Technical Bulletin Đ³/4f State Scientific Research Control Institute of Veterinary Medical Products and Fodder Additives аnd Institute of Animal Biology, 2020, 21, 48-56.	0.1	0
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