

# Volodymyr Maslov

## List of Publications by Year in descending order

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35  
papers

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citations

1937685

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1720034

7  
g-index

36  
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36  
docs citations

36  
times ranked

40  
citing authors

#	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	Дослідження впливу температури на властивості наночастинок золота в системі з поверхневим плазмонним резонансом. Вісник Національного університету «Львівська політехніка», 2021, 75(10), 100-104.	0.2	3
3	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
4	SURFACE PLASMON RESONANCE METHOD FOR DETECTION CHICKEN INFECTIOUS BRONCHITIS CORONAVIRUS. Scientific and Technical Bulletin of State Scientific Research Control Institute of Veterinary Medical Products and Fodder Additives and Institute of Animal Biology, 2020, 21, 48-56.	0.1	0
5	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
6	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
7	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
8	Detection of methanol vapor by surface plasmon resonance method. Eastern-European Journal of Enterprise Technologies, 2015, 4, 4.	0.5	1
9	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
10	Investigation of the thermal annealing effect on the defects structure in $\gamma$ -irradiated CdZnTe crystals by photoluminescence method. Nuclear Instruments & Methods in Physics Research B, 2012, 290, 26-29.	1.4	3
11	Thermoresistant Nano-filled Glass-ceramics. Procedia Engineering, 2011, 10, 1463-1466.	1.2	0
12	Development of a technology for joining glass-ceramics parts with zero thermal expansion. Optical Engineering, 2008, 47, 023401.	1.0	3
13	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
14	Study of chemical interaction at Al-ZERODUR interface. Journal of the European Ceramic Society, 2006, 26, 3825-3830.	5.7	8
15	Ellipsometric investigations of polished surface of glass/ceramic with ultralow coefficient of the temperature expansion. , 2004, , .		0
16	Unglue bonding of glass/ceramic parts with ultralow coefficient of thermal expansion. , 2004, , .		0
17	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 ETQq1 1 0.784314 rgBT /Overlock 1		0
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Surface treatment of glasses and sitalts and their mechanical strength. Glass and Ceramics (English) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.6	0
21	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
22	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
23	Treating sitalt and glass blanks with diamond polycrystalline cutters. Glass and Ceramics (English) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.6	0
24	Determination of Poisson's coefficient of glasses by microindentation. Glass and Ceramics (English) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.6	0
25	Calculating processing accuracy in chemical etching for ground items. Glass and Ceramics (English) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.6	0
26	Increasing the mechanical strength of sitalt and quartz glass. Glass and Ceramics (English) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td	0.6	0
27	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
28	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
29	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
30	Strength of optical glass under conditions of axial compression. Strength of Materials, 1985, 17, 1125-1130.	0.5	1
31	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
32	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
33	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
34	Effect of disturbed surface layer parameters on the structural strength of brittle nonmetallic materials. Strength of Materials, 1983, 15, 1108-1113.	0.5	2
35	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