

Liudmila Baran

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Effect of Boron Ion Implantation on the Structure, Phase Composition, and Mechanical Properties of Chromium-Fullerite-Chromium Films. <i>Inorganic Materials: Applied Research</i> , 2018, 9, 370-375.	0.5	1
2	Laser Deposition of SERS-Active Silver Nanostructures on Silicon Surface. <i>Journal of Applied Spectroscopy</i> , 2016, 83, 776-780.	0.7	2
3	Effect of the metal content and annealing on the structure, phase composition, and nanohardness of fullerite-aluminum films. <i>Nanotechnologies in Russia</i> , 2016, 11, 640-645.	0.7	1
4	Modification of the structure and properties of tin-fullerite films irradiated by boron ions. <i>Inorganic Materials: Applied Research</i> , 2016, 7, 340-343.	0.5	0
5	Structure, phase composition, and nanohardness of vacuum-annealed multilayer fullerite/aluminum films. <i>Inorganic Materials</i> , 2016, 52, 113-119.	0.8	0
6	Etching of latent tracks in amorphous SiO ₂ and Si ₃ N ₄ : Simulation and experiment. <i>Vacuum</i> , 2016, 129, 137-141.	3.5	17
7	Effect of metal content on the structure and phase composition of Fullerite-Sn films. <i>Inorganic Materials</i> , 2013, 49, 257-265.	0.8	1
8	Structural-phase state of chromium-fullerite-chromium films subjected to heat treatment in vacuum. <i>Journal of Surface Investigation</i> , 2013, 7, 1188-1193.	0.5	3
9	Electrochemically Deposited Cobalt Nanoarrays in SiO ₂ /n-Si Templates Produced by Swift Heavy Ion-Induced Modification Technology. <i>Acta Physica Polonica A</i> , 2013, 123, 929-931.	0.5	2
10	Dynamics of electron excitations in densely packed plasmonic Ag/Na ₃ AlF ₆ nanostructures under pulsed laser action. <i>Journal of Applied Spectroscopy</i> , 2011, 78, 686-691.	0.7	2
11	Surface Plasmon Resonance in Nanostructures Based on Polyparaphenylene - Silver Monolayers. <i>Molecular Crystals and Liquid Crystals</i> , 2011, 536, 86/[318]-92/[324].	0.9	1
12	Changes in the structures and phases of tin-fullerite films during annealing. <i>Journal of Surface Investigation</i> , 2010, 4, 691-695.	0.5	4
13	Annealing effect on the structure, phase composition, and nanohardness of titanium/fullerite films. <i>Inorganic Materials</i> , 2010, 46, 824-832.	0.8	5
14	Strengthening of plasmon resonances in bimetallic planar nanostructures. <i>Journal of Optical Technology (A Translation of Opticheskii Zhurnal)</i> , 2010, 77, 456.	0.4	3
15	Structure and conditions for the formation of fullerite crystallites in Sn-C ₆₀ films. <i>Crystallography Reports</i> , 2009, 54, 106-109.	0.6	3
16	SCANNING PROBE MICROSCOPY OF CoFeZr-ALUMINA NANOCOMPOSITES. , 2009, , .		0
17	Spontaneous growth of single crystals of various shapes in tin-fullerite films. <i>Crystallography Reports</i> , 2006, 51, 690-695.	0.6	6
18	Structural phase transformations in tin-fullerite films. <i>Physics of the Solid State</i> , 2006, 48, 1418-1421.	0.6	1