

Mindaugas Andrulevicius

List of Publications by Year in descending order

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67
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1116
citing authors

#	ARTICLE	IF	CITATIONS
1	Cobalt-Activated Transfer-Free Synthesis of the Graphene on Si(100) by Anode Layer Ion Source. Processes, 2022, 10, 272.	2.8	0
2	Direct synthesis of graphene on silicon by reactive magnetron sputtering deposition. Surface and Coatings Technology, 2022, 437, 128361.	4.8	6
3	Structural and Chemical Peculiarities of Nitrogen-Doped Graphene Grown Using Direct Microwave Plasma-Enhanced Chemical Vapor Deposition. Coatings, 2022, 12, 572.	2.6	0
4	Structural, Morphologic, and Ferroelectric Properties of PZT Films Deposited through Layer-by-Layer Reactive DC Magnetron Sputtering. Coatings, 2022, 12, 717.	2.6	2
5	Trilayer Composite System Based on SiO ₂ , Thiol-Ene, and PEDOT:PSS. Focus on Stability after Thermal Treatment and Solar Irradiance. Polymers, 2021, 13, 3439.	4.5	2
6	Low-cost preparation method of well dispersed gold nanoparticles on reduced graphene oxide and electrocatalytic stability in PEM fuel cell. Arabian Journal of Chemistry, 2020, 13, 3585-3600.	4.9	25
7	High performance catalytic system with enhanced durability in PEM fuel cell. International Journal of Hydrogen Energy, 2020, 45, 10409-10422.	7.1	10
8	Ultrafast relaxation dynamics of aluminum nanoparticles in solution. Physica E: Low-Dimensional Systems and Nanostructures, 2020, 117, 113795.	2.7	6
9	Cerium doping and cerium aluminium co-doping effects on the sol-gel processing of Y ₃ Fe ₅ O ₁₂ (YIG): Bulk and thin films. Solid State Sciences, 2020, 99, 106065.	3.2	5
10	Synthesis of well dispersed gold nanoparticles on reduced graphene oxide and application in PEM fuel cells. Applied Surface Science, 2020, 504, 144511.	6.1	20
11	Valence State of Iron and Molybdenum Cations under Conditions of Anionic Deficiency in Sr ₂ FeMoO ₆ . Physica Status Solidi (B): Basic Research, 2020, 257, 1900387.	1.5	2
12	Facile Synthesis of Silver-Doped Zinc Oxide Nanostructures as Efficient Scaffolds for Detection of p-Nitrophenol. Chemosensors, 2020, 8, 108.	3.6	18
13	Structure and optical properties of diamond like carbon films containing aluminium and alumina. Applied Surface Science, 2020, 529, 147040.	6.1	11
14	Diamond Like Carbon Films Containing Si: Structure and Nonlinear Optical Properties. Materials, 2020, 13, 1003.	2.9	67
15	Efficient method to obtain Platinum-Cobalt supported on graphene oxide and electrocatalyst development. International Journal of Hydrogen Energy, 2020, 45, 26226-26237.	7.1	11
16	Hydrogen-Free Diamond Like Carbon Films with Embedded Cu Nanoparticles: Structure, Composition and Reverse Saturable Absorption Effect. Materials, 2020, 13, 760.	2.9	4
17	Degree of phase transformations in the conditions of polythermal synthesis of SrBaFeMoO ₆ . Vacuum, 2020, 174, 109196.	3.5	0
18	Radiation resistance of nanolayered silicon nitride capacitors. Nuclear Instruments & Methods in Physics Research B, 2020, 471, 17-23.	1.4	6

#	ARTICLE	IF	CITATIONS
19	Modification of Graphene Oxide/ V_2O_5 Nanocomposite Films via Direct Laser Irradiation. ACS Applied Materials & Interfaces, 2020, 12, 18877-18884.	8.0	16
20	Transient absorption spectroscopy as a promising optical tool for the quality evaluation of graphene layers deposited by microwave plasma. Surface and Coatings Technology, 2020, 395, 125887.	4.8	7
21	Effect of oxidation of copper nanoparticles on absorption spectra of DLC:Cu nanocomposites. Diamond and Related Materials, 2019, 99, 107538.	3.9	17
22	Structural and optical properties of doped amorphous carbon films deposited by magnetron sputtering. Thin Solid Films, 2019, 681, 15-22.	1.8	12
23	Self-Saturable Absorption and Reverse-Saturable Absorption Effects in Diamond-Like Carbon Films with Embedded Copper Nanoparticles. Coatings, 2019, 9, 100.	2.6	7
24	Shape-Memory Assisted Scratch-Healing of Transparent Thiol-Ene Coatings. Materials, 2019, 12, 482.	2.9	19
25	Laser-assisted selective copper deposition on commercial PA6 by catalytic electroless plating – Process and activation mechanism. Applied Surface Science, 2019, 470, 405-410.	6.1	33
26	Diamond like carbon films with embedded Cu nanoclusters deposited by reactive high power impulse magnetron sputtering: Pulse length effects. Thin Solid Films, 2019, 673, 1-6.	1.8	3
27	Structure and Properties of Dual-doped PEDOT:PSS Multilayer Films. Materials Research, 2019, 22, .	1.3	17
28	N-doped carbon material modified with cobalt nanoparticles as catalyst for oxygen reduction. Chemija, 2019, 30, .	0.2	1
29	Giant Negative Piezoresistive Effect in Diamond-like Carbon and Diamond-like Carbon-Based Nickel Nanocomposite Films Deposited by Reactive Magnetron Sputtering of Ni Target. ACS Applied Materials & Interfaces, 2018, 10, 15778-15785.	8.0	12
30	Photothermal reduction of thick graphene oxide multilayer films via direct laser writing: Morphology, structural and chemical properties. Superlattices and Microstructures, 2018, 122, 36-45.	3.1	18
31	Diffraction efficiency and noise analysis of hidden image holograms. Optik, 2017, 131, 805-812.	2.9	1
32	Highly Resistant Zero-Order Waveplates Based on All-Silica Multilayer Coatings. Physica Status Solidi (A) Applications and Materials Science, 2017, 214, 1700764.	1.8	10
33	Effects of 3D microlens transfer into fused silica substrate by CF ₄ /O ₂ dry etching. Applied Surface Science, 2017, 393, 287-293.	6.1	8
34	Nitrogen-doped twisted graphene grown on copper by atmospheric pressure CVD from a decane precursor. Beilstein Journal of Nanotechnology, 2017, 8, 145-158.	2.8	25
35	Characterisation and radiolysis of modified lithium orthosilicate pebbles with noble metal impurities. Fusion Engineering and Design, 2017, 124, 934-939.	1.9	2
36	Advanced design of UV waveplates based on nano-structured thin films. , 2017, , .		0

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37	The effect of UV Nd:YAG laser radiation on the optical and electrical properties of hydrothermal ZnO crystal. Optics and Laser Technology, 2016, 86, 21-25.	4.6	4
38	Piezoresistive properties of diamond like carbon films containing copper. Diamond and Related Materials, 2015, 60, 20-25.	3.9	16
39	Bias effects on structure and piezoresistive properties of DLC:Ag thin films. Surface and Coatings Technology, 2014, 255, 84-89.	4.8	28
40	Structure of the silver containing diamond like carbon films: Study by multiwavelength Raman spectroscopy and XRD. Diamond and Related Materials, 2013, 40, 32-37.	3.9	21
41	Piezoresistive properties of amorphous carbon based nanocomposite thin films deposited by plasma assisted methods. Thin Solid Films, 2013, 538, 78-84.	1.8	20
42	Application of holographic sub-wavelength diffraction gratings for monitoring of kinetics of bioprocesses. Applied Surface Science, 2012, 258, 9292-9296.	6.1	22
43	Piezoresistive and electrical properties of Cr containing diamond-like carbon films. Surface and Coatings Technology, 2012, 211, 80-83.	4.8	12
44	Ion beam deposition of amorphous hydrogenated carbon films on amorphous silicon interlayer: Experiment and simulation. Diamond and Related Materials, 2011, 20, 693-702.	3.9	4
45	Methods and Applications of Optical Holography. Medziagotyra, 2011, 17, .	0.2	5
46	Refractive index sensor based on the diamond like carbon diffraction grating. Thin Solid Films, 2011, 519, 4082-4086.	1.8	12
47	Laser beam shape effect in optical control of the $\hat{1}/4$ -fluidic channel depth employing scatterometry. Optics and Lasers in Engineering, 2010, 48, 664-670.	3.8	7
48	Residual stress in polytetrafluoroethylene-metal nanocomposite films prepared by magnetron sputtering. Thin Solid Films, 2010, 518, 5944-5949.	1.8	16
49	Optical, XPS and XRD Studies of Semiconducting Copper Sulfide Layers on a Polyamide Film. International Journal of Photoenergy, 2009, 2009, 1-8.	2.5	109
50	Growth of ITO thin films by magnetron sputtering: OES study, optical and electrical properties. Vacuum, 2009, 83, S118-S120.	3.5	10
51	Growth and properties of the ion beam deposited SiOx containing DLC films. Vacuum, 2009, 83, S121-S123.	3.5	12
52	Features of Polytetrafluoroethylene Coating Growth on Activated Surfaces from Gas Phase. Springer Proceedings in Physics, 2009, , 85-89.	0.2	1
53	Ion beam energy effects on structure and properties of SiOx doped diamond-like carbon films. Surface and Coatings Technology, 2008, 202, 2328-2331.	4.8	9
54	FORMATION OF PERIODICAL MICROSTRUCTURES USING INTERFERENCE LITHOGRAPHY. Experimental Techniques, 2008, 32, 23-28.	1.5	8

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55	Periodic structures modified with silver nanoparticles for novel plasmonic application. Proceedings of SPIE, 2008, , .	0.8	2
56	Hydrophobic properties of the ion beam deposited DLC films containing SiOx. Thin Solid Films, 2007, 515, 7615-7618.	1.8	34
57	Effects of selenium treatment on composition and photoluminescence properties of porous silicon. Journal of Luminescence, 2007, 127, 431-434.	3.1	3
58	Metallization of poly(ethylene terephthalate) in the wide range of substrate temperatures. Surface and Coatings Technology, 2006, 200, 6490-6494.	4.8	1
59	Synthesis of the silicon and silicon oxide doped a-C:H films from hexamethyldisiloxane vapor by DC ion beam. Surface and Coatings Technology, 2006, 200, 6240-6244.	4.8	33
60	XPS study of the a-C:H/Ti and a-C:H/a-Si interfaces. Vacuum, 2006, 80, 1007-1011.	3.5	17
61	Growth of Ag films on polyethylene terephthalate (PET) deposited by electron beam. Thin Solid Films, 2006, 495, 118-123.	1.8	19
62	Optical characterization of diffractive optical elements replicated in polymers. , 2005, , .		1
63	XPS study of the ultrathin a-C:H films deposited onto ion beam nitrided AISI 316 steel. Applied Surface Science, 2005, 249, 295-302.	6.1	28
64	X-ray photoelectron spectroscopy study of MBE-grown Gd/EuTe multilayers. Journal of Alloys and Compounds, 2005, 401, 150-154.	5.5	5
65	Morphological and structural study of ultra thin Al films on polymer substrate. Superlattices and Microstructures, 2004, 36, 79-86.	3.1	4
66	A simple model of radiation swelling of silicon. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1996, 40, 141-146.	3.5	9
67	Superconducting critical temperature and softening of the phonon spectrum in ultrathin nb- and nbn/graphene hybrids. Superconductor Science and Technology, 0, , .	3.5	3