

Olena Fesenko

List of Publications by Year in descending order

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papers

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759233

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all docs

54
docs citations

54
times ranked

716
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of copper concentration on the structure of intermetallics and graphite additives of Al–Cu/C powder composites. Applied Nanoscience (Switzerland), 2022, 12, 1245-1255.	3.1	3
2	ELECTROREDUCTION OF DITUNGSTATE AND CARBONATE ANIONS IN CHLORIDE MELT. Ukrainian Chemistry Journal, 2022, 87, 97-108.	0.5	0
3	Structure, thermophysical properties and electrical conductivity of nanocomposites based on epoxy polymer and carbon tubes. , 2021, , 7-13.	0.0	0
4	A combined theoretical and experimental study of the phase coexistence and morphotropic boundaries in ferroelectric-antiferroelectric-antiferrodistortive multiferroics. Acta Materialia, 2021, 213, 116939.	7.9	3
5	PECULIARITIES OF ELECTROREDUCTION OF Li ₂ CO ₃ IN THE EQUIMOLAR MELT OF SODIUM AND POTASSIUM CHLORIDES. Ukrainian Chemistry Journal, 2021, 87, 70-81.	0.5	3
6	Editorial: special issue “NANO-2018”. Applied Nanoscience (Switzerland), 2020, 10, 2439-2440.	3.1	0
7	Editorial: Special issue “NANO 2019”. Applied Nanoscience (Switzerland), 2020, 10, 4359-4360.	3.1	0
8	Monitoring of the Environmental Technogenic Hazard of the Oil Extraction Plant. Materials Science Forum, 2020, 1006, 208-213.	0.3	2
9	Thermodynamics of the formation of water dispersions of graphene and water solutions of the nanostructures based on graphene and gold nanoparticles. Applied Nanoscience (Switzerland), 2020, 10, 4609-4616.	3.1	3
10	Modern Level of Research, Innovation, and Patent Activities in Ukraine. Nauka Ta Innovacii, 2020, 16, 83-94.	0.2	0
11	Thermal conductivity of the nanofluids based on graphene and water solutions of the nanocomposites based on graphene and gold nanoparticles. Molecular Crystals and Liquid Crystals, 2020, 713, 86-99.	0.9	0
12	Modern Level of Research, Innovation, and Patent Activities in Ukraine. Science and Innovation, 2020, 16, 82-93.	0.7	0
13	Editorial: Special Issue “NANO 2017. Applied Nanoscience (Switzerland), 2019, 9, 593-593.	3.1	0
14	Ferromagnetic-like behavior of Bi _{0.9} La _{0.1} FeO ₃ –KBr nanocomposites. Scientific Reports, 2019, 9, 10417.	3.3	10
15	Silver nanoparticles with reduced graphene oxide for surface-enhanced vibrational spectroscopy of DNA constituents. Applied Nanoscience (Switzerland), 2019, 9, 1075-1083.	3.1	3
16	FeCo nanotubes: possible tool for targeted delivery of drugs and proteins. Applied Nanoscience (Switzerland), 2019, 9, 1091-1099.	3.1	17
17	Rotomagnetic coupling in fine-grained multiferroic BiFeO_3 . Theory and experiment. Physical Review B. 2018. 97, .	3.2	22
18	Buckwheat Resources in the VIR (Russia) Collection. , 2018, , 225-234.		3

#	ARTICLE	IF	CITATIONS
19	Influence of Annealing in Vacuum on Dispersion Kinetics of Titanium and Zirconium Nanofilms Deposited onto Oxide Materials. Springer Proceedings in Physics, 2018, , 487-498.	0.2	0
20	Nanochemistry, Biotechnology, Nanomaterials, and Their Applications. Springer Proceedings in Physics, 2018, , .	0.2	4
21	Raman and Luminescent Spectra of Sulfonated Zn Phthalocyanine Enhanced by Gold Nanoparticles. Nanoscale Research Letters, 2017, 12, 197.	5.7	15
22	Gold micro- and nano-particles for surface enhanced vibrational spectroscopy of pyridostigmine bromide. Vibrational Spectroscopy, 2017, 88, 71-76.	2.2	2
23	Studies of the Influence of Gold Nanoparticles on Characteristics of Mesenchymal Stem Cells. Journal of Nanomaterials, 2017, 2017, 1-9.	2.7	17
24	Nanophysics, Nanomaterials, Interface Studies, and Applications. Springer Proceedings in Physics, 2017, , .	0.2	3
25	Photoinduced transformations of optical properties of CdSe and Ag-In-S nanocrystals embedded in the films of polyvinyl alcohol. AIMS Materials Science, 2016, 3, 658-668.	1.4	5
26	Nanoplasmonics, Nano-Optics, Nanocomposites, and Surface Studies. Springer Proceedings in Physics, 2015, , .	0.2	6
27	Graphene-enhanced Raman spectroscopy of thymine adsorbed on single-layer graphene. Nanoscale Research Letters, 2015, 10, 163.	5.7	47
28	MANUFACTURE OF TWO-LAYERS AND DOUBLE-SIDED IRON CASTINGS WITH DIFFERENTIAL STRUCTURE AND PROPERTIES. EUREKA, Physics and Engineering, 2015, , 55-60.	0.8	1
29	Coherent anti-Stokes Raman scattering enhancement of thymine adsorbed on graphene oxide. Nanoscale Research Letters, 2014, 9, 263.	5.7	38
30	Fe ²⁺ - and Er ²⁺ -intercalative modification of porous and electron structure of activated carbon and its influence on supercapacitor parameters. Materials Science-Poland, 2014, 32, 272-280.	1.0	2
31	Nanomaterials Imaging Techniques, Surface Studies, and Applications. Springer Proceedings in Physics, 2013, , .	0.2	8
32	Comparative Analysis of the IR Signal Enhancement of Biomolecules Adsorbed on Graphene and Graphene Oxide Nanosheets. Springer Proceedings in Physics, 2013, , 25-34.	0.2	3
33	Luminescent Imaging of Biological Molecules and Cells on the Photonic Crystal Surface. Springer Proceedings in Physics, 2013, , 253-262.	0.2	3
34	Vibrational spectra of opal-based photonic crystals. IOP Conference Series: Materials Science and Engineering, 2012, 38, 012008.	0.6	8
35	Enhancement of infrared absorption of biomolecules absorbed on single-wall carbon nanotubes and graphene nanosheets. Journal of Nanophotonics, 2012, 6, 061711.	1.0	14
36	Properties of 2,6-di-tert.-butyl-4-(2,5-diphenyl-3,4-dihydro-2H-pyrazol-3-yl)-phenol as hole-transport material for life extension of organic light emitting diodes. Optical Materials, 2011, 33, 1727-1731.	3.6	20

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37	<i>p</i> -Nitrobenzoic Acid Adsorption on Nanostructured Gold Surfaces Investigated by Combined Experimental and Computational Approaches. ChemPhysChem, 2011, 12, 2485-2495.	2.1	8
38	New Optical Properties of Synthetic Opals Infiltrated by DNA. Molecular Crystals and Liquid Crystals, 2011, 535, 30-41.	0.9	15
39	Nucleic Acid Interaction and Interfaces with Single-Walled Carbon Nanotubes. , 2010, , .		3
40	Conformation analysis of nucleic acids and proteins adsorbed on single-shell carbon nanotubes. Journal of Structural Chemistry, 2009, 50, 954-961.	1.0	18
41	Modeling of DNA Base Interactions with Carbon Nanotubes: ab initio Calculations and SEIRA Data. , 2009, , .		3
42	Optical, structural and microhardness properties of KDP crystals grown from urea-doped solutions. Materials Research Bulletin, 2008, 43, 2778-2789.	5.2	60
43	Light-Emitting Diode of Planar Type Based on Nanocomposites Consisting of Island Au Film and Organic Luminofores Tb(thd) ₃ . Molecular Crystals and Liquid Crystals, 2008, 497, 186/[518]-195/[527].	0.9	6
44	The Poly-A Interaction and Interfaces with Carbon Nanotubes. Molecular Crystals and Liquid Crystals, 2008, 496, 170-185.	0.9	7
45	Ordered carbon nanotubes and globular opals as a model of multiscaling photonic crystals. Semiconductor Physics, Quantum Electronics and Optoelectronics, 2008, 11, 392-395.	1.0	1
46	FTIR spectroscopic analysis and STM studies of electroluminescent Eu(DBM) ₃ bath thin films vacuum deposited onto Au surface. Journal of Molecular Structure, 2006, 792-793, 115-120.	3.6	14
47	Effect of nanostructured metal surface on SEIRA spectra of albumin and nucleic acids. Journal of Physical Studies, 2006, 10, 127-134.	0.5	6
48	<i>Experimental and calculated enhancement factor in the SEIRA method</i> . , 2004, 5507, 386.		2
49	The enhancement of optical processes near rough surface of metals. Semiconductor Physics, Quantum Electronics and Optoelectronics, 2004, 7, 411-424.	1.0	11