Olena Fesenko

List of Publications by Year in descending order

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49	426	758635	794141
papers	citations	12 h-index	19 g-index

54	54	54	716
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optical, structural and microhardness properties of KDP crystals grown from urea-doped solutions. Materials Research Bulletin, 2008, 43, 2778-2789.	2.7	60
2	Graphene-enhanced Raman spectroscopy of thymine adsorbed on single-layer graphene. Nanoscale Research Letters, 2015, 10, 163.	3.1	47
3	Coherent anti-Stokes Raman scattering enhancement of thymine adsorbed on graphene oxide. Nanoscale Research Letters, 2014, 9, 263.	3.1	38
4	Rotomagnetic coupling in fine-grained multiferroic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>BiFe</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> : Theory and experiment. Physical Review B, 2018, 97, .	1.1	22
5	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.	1.7	20
6	Conformation analysis of nucleic acids and proteins adsorbed on single-shell carbon nanotubes. Journal of Structural Chemistry, 2009, 50, 954-961.	0.3	18
7	Studies of the Influence of Gold Nanoparticles on Characteristics of Mesenchymal Stem Cells. Journal of Nanomaterials, 2017, 2017, 1-9.	1.5	17
8	FeCo nanotubes: possible tool for targeted delivery of drugs and proteins. Applied Nanoscience (Switzerland), 2019, 9, 1091-1099.	1.6	17
9	New Optical Properties of Synthetic Opals Infiltrated by DNA. Molecular Crystals and Liquid Crystals, 2011, 535, 30-41.	0.4	15
10	Raman and Luminescent Spectra of Sulfonated Zn Phthalocyanine Enhanced by Gold Nanoparticles. Nanoscale Research Letters, 2017, 12, 197.	3.1	15
11	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.	1.8	14
12	Enhancement of infrared absorption of biomolecules absorbed on single-wall carbon nanotubes and graphene nanosheets. Journal of Nanophotonics, 2012, 6, 061711.	0.4	14
13	The enhancement of optical processes near rough surface of metals. Semiconductor Physics, Quantum Electronics and Optoelectronics, 2004, 7, 411-424.	0.3	11
14	Ferromagnetic-like behavior of Bi0.9La0.1FeO3â€“KBr nanocomposites. Scientific Reports, 2019, 9, 10417.	1.6	10
15	pâ€Nitrobenzoic Acid Adsorption on Nanostructured Gold Surfaces Investigated by Combined Experimental and Computational Approaches. ChemPhysChem, 2011, 12, 2485-2495.	1.0	8
16	Vibrational spectra of opal-based photonic crystals. IOP Conference Series: Materials Science and Engineering, 2012, 38, 012008.	0.3	8
17	Nanomaterials Imaging Techniques, Surface Studies, and Applications. Springer Proceedings in Physics, 2013, , .	0.1	8
18	The Poly-A Interaction and Interfaces with Carbon Nanotubes. Molecular Crystals and Liquid Crystals, 2008, 496, 170-185.	0.4	7

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19	Light-Emitting Diode of Planar Type Based on Nanocomposites Consisting of Island Au Film and Organic Luminofore Tb(thd)3. Molecular Crystals and Liquid Crystals, 2008, 497, 186/[518]-195/[527].	0.4	6
20	Nanoplasmonics, Nano-Optics, Nanocomposites, and Surface Studies. Springer Proceedings in Physics, 2015, , .	0.1	6
21	Effect of nanostructured metal surface on SEIRA spectra of albumin and nucleic acids. Journal of Physical Studies, 2006, 10, 127-134.	0.2	6
22	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.	0.7	5
23	Nanochemistry, Biotechnology, Nanomaterials, and Their Applications. Springer Proceedings in Physics, 2018, , .	0.1	4
24	Modeling of DNA Base Interactions with Carbon Nanotubes: ab initio Calculations and SEIRA Data. , 2009, , .		3
25	Nucleic Acid Interaction and Interfaces with Single-Walled Carbon Nanotubes. , 2010, , .		3
26	Comparative Analysis of the IR Signal Enhancement of Biomolecules Adsorbed on Graphene and Graphene Oxide Nanosheets. Springer Proceedings in Physics, 2013, , 25-34.	0.1	3
27	Luminescent Imaging of Biological Molecules and Cells on the Photonic Crystal Surface. Springer Proceedings in Physics, 2013, , 253-262.	0.1	3
28	Buckwheat Resources in the VIR (Russia) Collection. , 2018, , 225-234.		3
29	Silver nanoparticles with reduced graphene oxide for surface-enhanced vibrational spectroscopy of DNA constituents. Applied Nanoscience (Switzerland), 2019, 9, 1075-1083.	1.6	3
30	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.	1.6	3
31	Effect of copper concentration on the structure of intermetallics and graphite additives of Alâ€“Cu/C powder composites. Applied Nanoscience (Switzerland), 2022, 12, 1245-1255.	1.6	3
32	A combined theoretical and experimental study of the phase coexistence and morphotropic boundaries in ferroelectric-antiferroelectric-antiferrodistortive multiferroics. Acta Materialia, 2021, 213, 116939.	3.8	3
33	PECULIARITIES OF ELECTROREDUCTION OF Li2CO3 IN THE EQUIMOLAR MELT OF SODIUM AND POTASSIUM CHLORIDES. Ukrainian Chemistry Journal, 2021, 87, 70-81.	0.1	3
34	Nanophysics, Nanomaterials, Interface Studies, and Applications. Springer Proceedings in Physics, 2017, , .	0.1	3
35	<title>Experimental and calculated enhancement factor in the SEIRA method</title>. , 2004, 5507, 386.		2
36	Fe2+- and Er2+-intercalative modification of porous and electron structure of activated carbon and its influence on supercapacitor parameters. Materials Science-Poland, 2014, 32, 272-280.	0.4	2

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37	Gold micro- and nano-particles for surface enhanced vibrational spectroscopy of pyridostigmine bromide. Vibrational Spectroscopy, 2017, 88, 71-76.	1.2	2
38	Monitoring of the Environmental Technogenic Hazard of the Oil Extraction Plant. Materials Science Forum, 2020, 1006, 208-213.	0.3	2
39	Ordered carbon nanotubes and globular opals as a model of multiscaling photonic crystals. Semiconductor Physics, Quantum Electronics and Optoelectronics, 2008, 11, 392-395.	0.3	1
40	MANUFACTURE OF TWO-LAYERS AND DOUBLE-SIDED IRON CASTINGS WITH DIFFERENTIAL STRUCTURE AND PROPERTIES. EUREKA, Physics and Engineering, 2015, , 55-60.	0.4	1
41	Influence of Annealing in Vacuum on Dispersion Kinetics of Titanium and Zirconium Nanofilms Deposited onto Oxide Materials. Springer Proceedings in Physics, 2018, , 487-498.	0.1	0
42	Editorial: Special Issueâ€"NANO 2017. Applied Nanoscience (Switzerland), 2019, 9, 593-593.	1.6	0
43	Editorial: special issue â€œNANO-2018â€• Applied Nanoscience (Switzerland), 2020, 10, 2439-2440.	1.6	0
44	Editorial: Special issue â€œNANO 2019â€• Applied Nanoscience (Switzerland), 2020, 10, 4359-4360.	1.6	0
45	Structure, thermophysical properties and electrical conductivity of nanocomposites based on epoxy polymer and carbon tubes. , 2021, , 7-13.	0.0	0
46	Modern Level of Research, Innovation, and Patent Activities in Ukraine. Nauka Ta Innovacii, 2020, 16, 83-94.	0.2	0
47	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.	0.4	0
48	Modern Level of Research, Innovation, and Patent Activities in Ukraine. Science and Innovation, 2020, 16, 82-93.	0.2	0
49	ELECTROREDUCTION OF DITUNGSTATE AND CARBONATE ANIONS IN CHLORIDE MELT. Ukrainian Chemistry Journal, 2022, 87, 97-108.	0.1	0