

# Olena Fesenko

## List of Publications by Year in descending order

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49  
papers

426  
citations

758635

12  
h-index

794141

19  
g-index

54  
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.	1.6	3
2	ELECTROREDUCTION OF DITUNGSTATE AND CARBONATE ANIONS IN CHLORIDE MELT. Ukrainian Chemistry Journal, 2022, 87, 97-108.	0.1	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.	3.8	3
5	PECULIARITIES OF ELECTROREDUCTION OF Li <sub>2</sub> CO <sub>3</sub> IN THE EQUIMOLAR MELT OF SODIUM AND POTASSIUM CHLORIDES. Ukrainian Chemistry Journal, 2021, 87, 70-81.	0.1	3
6	Editorial: special issue "NANO-2018". Applied Nanoscience (Switzerland), 2020, 10, 2439-2440.	1.6	0
7	Editorial: Special issue "NANO 2019". Applied Nanoscience (Switzerland), 2020, 10, 4359-4360.	1.6	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.	1.6	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.	0.4	0
12	Modern Level of Research, Innovation, and Patent Activities in Ukraine. Science and Innovation, 2020, 16, 82-93.	0.2	0
13	Editorial: Special Issue "NANO 2017". Applied Nanoscience (Switzerland), 2019, 9, 593-593.	1.6	0
14	Ferromagnetic-like behavior of Bi <sub>0.9</sub> La <sub>0.1</sub> FeO <sub>3</sub> -KBr nanocomposites. Scientific Reports, 2019, 9, 10417.	1.6	10
15	Silver nanoparticles with reduced graphene oxide for surface-enhanced vibrational spectroscopy of DNA constituents. Applied Nanoscience (Switzerland), 2019, 9, 1075-1083.	1.6	3
16	FeCo nanotubes: possible tool for targeted delivery of drugs and proteins. Applied Nanoscience (Switzerland), 2019, 9, 1091-1099.	1.6	17
17	Rotomagnetic coupling in fine-grained multiferroic $\text{BiFeO}_3$ . Theory and experiment. Physical Review B. 2018. 97, .	1.1	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.	0.1	0
20	Nanochemistry, Biotechnology, Nanomaterials, and Their Applications. Springer Proceedings in Physics, 2018, , .	0.1	4
21	Raman and Luminescent Spectra of Sulfonated Zn Phthalocyanine Enhanced by Gold Nanoparticles. Nanoscale Research Letters, 2017, 12, 197.	3.1	15
22	Gold micro- and nano-particles for surface enhanced vibrational spectroscopy of pyridostigmine bromide. Vibrational Spectroscopy, 2017, 88, 71-76.	1.2	2
23	Studies of the Influence of Gold Nanoparticles on Characteristics of Mesenchymal Stem Cells. Journal of Nanomaterials, 2017, 2017, 1-9.	1.5	17
24	Nanophysics, Nanomaterials, Interface Studies, and Applications. Springer Proceedings in Physics, 2017, , .	0.1	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.	0.7	5
26	Nanoplasmonics, Nano-Optics, Nanocomposites, and Surface Studies. Springer Proceedings in Physics, 2015, , .	0.1	6
27	Graphene-enhanced Raman spectroscopy of thymine adsorbed on single-layer graphene. Nanoscale Research Letters, 2015, 10, 163.	3.1	47
28	MANUFACTURE OF TWO-LAYERS AND DOUBLE-SIDED IRON CASTINGS WITH DIFFERENTIAL STRUCTURE AND PROPERTIES. EUREKA, Physics and Engineering, 2015, , 55-60.	0.4	1
29	Coherent anti-Stokes Raman scattering enhancement of thymine adsorbed on graphene oxide. Nanoscale Research Letters, 2014, 9, 263.	3.1	38
30	Fe <sup>2+</sup> - and Er <sup>2+</sup> -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
31	Nanomaterials Imaging Techniques, Surface Studies, and Applications. Springer Proceedings in Physics, 2013, , .	0.1	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.	0.1	3
33	Luminescent Imaging of Biological Molecules and Cells on the Photonic Crystal Surface. Springer Proceedings in Physics, 2013, , 253-262.	0.1	3
34	Vibrational spectra of opal-based photonic crystals. IOP Conference Series: Materials Science and Engineering, 2012, 38, 012008.	0.3	8
35	Enhancement of infrared absorption of biomolecules absorbed on single-wall carbon nanotubes and graphene nanosheets. Journal of Nanophotonics, 2012, 6, 061711.	0.4	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.	1.7	20

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37	<i>p</i> -Nitrobenzoic Acid Adsorption on Nanostructured Gold Surfaces Investigated by Combined Experimental and Computational Approaches. <i>ChemPhysChem</i> , 2011, 12, 2485-2495.	1.0	8
38	New Optical Properties of Synthetic Opals Infiltrated by DNA. <i>Molecular Crystals and Liquid Crystals</i> , 2011, 535, 30-41.	0.4	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. <i>Journal of Structural Chemistry</i> , 2009, 50, 954-961.	0.3	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. <i>Materials Research Bulletin</i> , 2008, 43, 2778-2789.	2.7	60
43	Light-Emitting Diode of Planar Type Based on Nanocomposites Consisting of Island Au Film and Organic Luminofores Tb(thd) <sub>3</sub> . <i>Molecular Crystals and Liquid Crystals</i> , 2008, 497, 186/[518]-195/[527].	0.4	6
44	The Poly-A Interaction and Interfaces with Carbon Nanotubes. <i>Molecular Crystals and Liquid Crystals</i> , 2008, 496, 170-185.	0.4	7
45	Ordered carbon nanotubes and globular opals as a model of multiscaling photonic crystals. <i>Semiconductor Physics, Quantum Electronics and Optoelectronics</i> , 2008, 11, 392-395.	0.3	1
46	FTIR spectroscopic analysis and STM studies of electroluminescent Eu(DBM) <sub>3</sub> bath thin films vacuum deposited onto Au surface. <i>Journal of Molecular Structure</i> , 2006, 792-793, 115-120.	1.8	14
47	Effect of nanostructured metal surface on SEIRA spectra of albumin and nucleic acids. <i>Journal of Physical Studies</i> , 2006, 10, 127-134.	0.2	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. <i>Semiconductor Physics, Quantum Electronics and Optoelectronics</i> , 2004, 7, 411-424.	0.3	11