

# Tatyana I Izaak

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

231  
citations

1163117

8  
h-index

996975

15  
g-index

21  
all docs

21  
docs citations

21  
times ranked

191  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal Te-doping in GaSe for non-linear applications. <i>Optics Express</i> , 2012, 20, 5029.	3.4	45
2	Growth and optical properties of solid solution crystals GaSe <sub>1-x</sub> S <sub>x</sub> . <i>Materials Chemistry and Physics</i> , 2015, 154, 152-157.	4.0	34
3	GaSe:Er <sup>3+</sup> crystals for SHG in the infrared spectral range. <i>Optics Communications</i> , 2014, 318, 205-211.	2.1	24
4	Macroporous monolithic materials: synthesis, properties and application. <i>Russian Chemical Reviews</i> , 2009, 78, 77-88.	6.5	21
5	Study of DNA Interaction with Cobalt Ferrite Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 2673-2677.	0.9	17
6	Physicochemical investigation of nanopowders prepared by laser ablation of crystalline silicon in water. <i>Advanced Powder Technology</i> , 2015, 26, 478-486.	4.1	15
7	Oxidative dehydrogenation of ethanol on modified OMS-2 catalysts. <i>Catalysis Today</i> , 2020, 357, 503-510.	4.4	12
8	Technique of synthesis and optical properties of CdS/polymethylmethacrylate nanocomposites. <i>Russian Physics Journal</i> , 2006, 49, 1354-1359.	0.4	10
9	Silver nanoparticles obtained by laser ablation as the active component of Ag/SiO <sub>2</sub> catalysts for CO oxidation. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2013, 110, 343-357.	1.7	9
10	Study of oxide nanostructure catalysts on polypropylene carrying agents for the removal of organic contaminants from water. <i>Russian Journal of Applied Chemistry</i> , 2010, 83, 2193-2195.	0.5	8
11	Characterization of optical quality of GaSe:Al crystals by exciton absorption peak parameters. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 1757-1760.	2.2	8
12	Constitution and Properties of Nanocomposites Prepared by Thermal Decomposition of Silver Salts Sorbed by Polyacrylate Matrix. <i>Colloid Journal</i> , 2003, 65, 720-725.	1.3	7
13	Deposition of silver nanoparticles into porous system of sol-gel silica monoliths and properties of silver/porous silica composites. <i>Journal of Sol-Gel Science and Technology</i> , 2013, 68, 471-478.	2.4	5
14	Optical properties of CdS/MMA dispersions and CdS/PMMA nanocomposites prepared by one-step, size-controlled synthesis. <i>Russian Physics Journal</i> , 2011, 53, 849-856.	0.4	4
15	A cocrystal of L-ascorbic acid with picolinic acid: the role of O-H...O, N-H...O and C-H...O hydrogen bonds and L-ascorbic acid conformation in structure stabilization. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020, 76, 967-978.	1.1	4
16	Platinum-Containing Polymeric Nanocomposites Derived from Porous Polyacrylates. <i>Russian Journal of Applied Chemistry</i> , 2003, 76, 1803-1806.	0.5	2
17	Possible mechanism of metal ion extraction from aqueous solutions by fibrous polypropylene. <i>Colloid Journal</i> , 2007, 69, 777-781.	1.3	2
18	Formation of the open-cell foam structures in tetraethoxysilane-based gelling systems. <i>Journal of Sol-Gel Science and Technology</i> , 2020, 94, 384-392.	2.4	2

#	ARTICLE	IF	CITATIONS
19	Application of a voltammetric method for investigation the formation mechanisms of silver nanoparticles in multicomponent solutions. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 2473-2480.	2.5	1
20	Synthesis and catalytic activity of porous blocked Ag/SiO <sub>2</sub> composites in low-temperature carbon monoxide oxidation. <i>Kinetics and Catalysis</i> , 2013, 54, 492-496.	1.0	1
21	Polymeric Formulations Based on Iron and Cobalt Molybdophosphates and Polyacrylates. <i>Russian Journal of Applied Chemistry</i> , 2003, 76, 328-329.	0.5	0