

Mikhail Shestakov

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19
papers

417
citations

13
h-index

19
g-index

19
ext. papers

494
ext. citations

4.1
avg, IF

3.14
L-index

#	Paper	IF	Citations
19	Synchronous Temperature and Magnetic Field Dual-Sensing by Luminescence in a Dysprosium Single-Molecule Magnet. <i>Advanced Optical Materials</i> , 2021 , 9, 2101495	8.1	3
18	Modern bio and chemical sensors and neuromorphic devices based on organic semiconductors. <i>Russian Chemical Reviews</i> , 2020 , 89, 1483-1506	6.8	8
17	Wavelength-Dependent Nonlinear Optical Properties of Ag Nanoparticles Dispersed in a Glass Host. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 27580-27589	3.8	29
16	Luminescence of fixed site Ag nanoclusters in a simple oxyfluoride glass host and plasmon absorption of amorphous Ag nanoparticles in a complex oxyfluoride glass host 2015 ,		1
15	Plasmonic Dicke Effect in Ag-Nanoclusters-Doped Oxyfluoride Glasses. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 20051-20056	3.8	7
14	Lead silicate glass SiO ₂ -PbF ₂ doped with luminescent Ag nanoclusters of a fixed site. <i>RSC Advances</i> , 2014 , 4, 20699	3.7	16
13	Nonlinear Optical Properties of Ag Nanoclusters and Nanoparticles Dispersed in a Glass Host. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 15995-16002	3.8	58
12	Oxyfluoride glass (SiO ₂ -PbF ₂) co-doped with Ag nanoclusters and Tm ³⁺ ions for UV-driven, Hg-free, white light generation with a tuneable tint. <i>Optical Materials Express</i> , 2014 , 4, 1227	2.6	19
11	Ag nanocluster functionalized glasses for efficient photonic conversion in light sources, solar cells and flexible screen monitors. <i>Nanoscale</i> , 2013 , 5, 10065-75	7.7	89
10	Mechanism of millisecond lifetime luminescence of Li nanoclusters dispersed in ZnO:Li nanocrystals. <i>Optical Materials</i> , 2013 , 35, 638-643	3.3	0
9	Theory of the kinetics of luminescence and its temperature dependence for Ag nanoclusters dispersed in a glass host. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 15949-53	3.6	10
8	Quantum Chemistry Modeling of Luminescence Kinetics of Ag Nanoclusters Dispersed in Glass Host. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 7796-7800	3.8	19
7	Ultraviolet-driven white light generation from oxyfluoride glass co-doped with Tm ³⁺ -Tb ³⁺ -Eu ³⁺ . <i>Applied Physics Letters</i> , 2013 , 102, 161916	3.4	29
6	The size and structure of Ag particles responsible for surface plasmon effects and luminescence in Ag homogeneously doped bulk glass. <i>Journal of Applied Physics</i> , 2013 , 114, 073102	2.5	19
5	Visible-to-UV/Violet Upconversion Dynamics in Er ³⁺ -Doped Oxyfluoride Nanoscale Glass Ceramics. <i>Advanced Optical Materials</i> , 2013 , 1, 747-752	8.1	23
4	Effect of textured seeds on the morphology and optical properties of solution- and vapor-grown ZnO nanorod arrays. <i>Inorganic Materials</i> , 2012 , 48, 469-475	0.9	16
3	Energy-transfer luminescence of a zinc oxide/ytterbium oxide nanocomposite. <i>RSC Advances</i> , 2012 , 2, 8783	3.7	19

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| 2 | Preparation, structural and optical characterization of nanocrystalline ZnO doped with luminescent Ag-nanoclusters. <i>Optical Materials Express</i> , 2012 , 2, 723 | 2.6 | 27 |
| 1 | Quantum cutting in Li (770 nm) and Yb (1000 nm) co-dopant emission bands by energy transfer from the ZnO nano-crystalline host. <i>Optics Express</i> , 2011 , 19, 15955-64 | 3.3 | 25 |