

Alina Muravitskaya

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

165
citations

1163117

8
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

228
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Raman scattering of ZnO nanocrystals in the vicinity of gold and silver nanostructured surfaces. <i>Optics Express</i> , 2016, 24, A168.	3.4	32
2	Plasmon-enhanced fluorescence in gold nanorod-quantum dot coupled systems. <i>Nanotechnology</i> , 2020, 31, 105201.	2.6	29
3	Refractive index mediated plasmon hybridization in an array of aluminium nanoparticles. <i>Nanoscale</i> , 2020, 12, 6394-6402.	5.6	18
4	Influence of the CTAB surfactant layer on optical properties of single metallic nanospheres. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2019, 36, C78.	1.5	15
5	Enhancement of Labeled Alpha-fetoprotein Antibodies and Antigen-antibody Complexes Fluorescence with Silver Nanocolloids. <i>Procedia Engineering</i> , 2016, 140, 57-66.	1.2	14
6	Hybridization and Dehybridization of Plasmonic Modes. <i>Journal of Physical Chemistry C</i> , 2021, 125, 724-731.	3.1	14
7	Polarization switching between parallel and orthogonal collective resonances in arrays of metal nanoparticles. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2019, 36, E65.	2.1	13
8	Photostability enhancement of InP/ZnSe/ZnSeS/ZnS quantum dots by plasmonic nanostructures. <i>Nanotechnology</i> , 2021, 32, 035204.	2.6	11
9	Enhanced emission of in-situ fabricated perovskite-polymer composite films on gold nanoparticle substrates. <i>Optical Materials Express</i> , 2020, 10, 1659.	3.0	7
10	Colloidal Silver Films on Polypropylene and Polyethylene. <i>Physica Status Solidi (B): Basic Research</i> , 2018, 255, 1700491.	1.5	6
11	Engineering of the Photon Local Density of States: Strong Inhibition of Spontaneous Emission near the Resonant and High-Refractive Index Dielectric Nano-objects. <i>Journal of Physical Chemistry C</i> , 2022, 126, 5691-5700.	3.1	4
12	Enhanced emission of in-situ fabricated perovskite-polymer composite films on gold nanoparticle substrates. <i>Optical Materials Express</i> , 2020, 10, 1659.	3.0	2
13	Enhanced Resonant Raman Scattering of GaN Functional Layers Using Al Thin Films - A Versatile Tool for Multilayer Structure Analysis. <i>Materials Science Forum</i> , 0, 1062, 293-297.	0.3	0