

Anastasiya Derkachova

List of Publications by Year in descending order

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7
papers

398
citations

1478505

6
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

630
citing authors

#	ARTICLE	IF	CITATIONS
1	Dielectric Function for Gold in Plasmonics Applications: Size Dependence of Plasmon Resonance Frequencies and Damping Rates for Nanospheres. <i>Plasmonics</i> , 2016, 11, 941-951.	3.4	205
2	Damping rates of surface plasmons for particles of size from nano- to micrometers; reduction of the nonradiative decay. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2013, 114, 45-55.	2.3	90
3	Impact of the Interband Transitions in Gold and Silver on the Dynamics of Propagating and Localized Surface Plasmons. <i>Nanomaterials</i> , 2020, 10, 1411.	4.1	74
4	Modification of Solar Energy Harvesting in Photovoltaic Materials by Plasmonic Nanospheres: New Absorption Bands in Perovskite Composite Film. <i>Journal of Physical Chemistry C</i> , 2017, 121, 4524-4539.	3.1	11
5	The smallest free-electron sphere sustaining multipolar surface plasmon oscillation. <i>Computational Materials Science</i> , 2006, 35, 337-341.	3.0	10
6	Modification of Emission Properties of ZnO Layers due to Plasmonic Near-Field Coupling to Ag Nanoislands. <i>Plasmonics</i> , 2013, 8, 913-919.	3.4	7
7	Simple analytic tool for spectral control of dipole plasmon resonance frequency for gold and silver nanoparticles. <i>Photonics Letters of Poland</i> , 2013, 5, .	0.4	1