

Oleksandr A Savchuk

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

310
citations

1478280

6
h-index

1872570

6
g-index

8
all docs

8
docs citations

8
times ranked

428
citing authors

#	ARTICLE	IF	CITATIONS
1	Benefits of Silica Core–Shell Structures on the Temperature Sensing Properties of Er,Yb:GdVO ₄ Up-Conversion Nanoparticles. ACS Applied Materials & Interfaces, 2016, 8, 7266-7273.	4.0	136
2	Ho,Yb:KLu(WO ₄) ₂ Nanoparticles: A Versatile Material for Multiple Thermal Sensing Purposes by Luminescent Thermometry. Journal of Physical Chemistry C, 2015, 119, 18546-18558.	1.5	104
3	Bifunctional Tm ³⁺ ,Yb ³⁺ :GdVO ₄ @SiO ₂ Core-Shell Nanoparticles in HeLa Cells: Upconversion Luminescence Nanothermometry in the First Biological Window and Biolabelling in the Visible. Nanomaterials, 2020, 10, 993.	1.9	27
4	Environmentally friendly luminescent solar concentrators based on an optically efficient and stable green fluorescent protein. Green Chemistry, 2020, 22, 4943-4951.	4.6	21
5	Mapping Temperature Distribution Generated by Photothermal Conversion in Graphene Film Using Er,Yb:NaYF ₄ Nanoparticles Prepared by Microwave-Assisted Solvothermal Method. Frontiers in Chemistry, 2019, 7, 88.	1.8	12
6	Magneto-optical Faraday rotation of semiconductor nanoparticles embedded in dielectric matrices. Applied Optics, 2014, 53, B22.	0.9	8
7	Expanding luminescence thermometry detection range to the SWIR for biomedical applications. , 2018, , .		2
8	Zinc oxide based diluted magnetic semiconductor nanoparticles: Synthesis by laser ablation in liquids, microstructural and optical properties. , 2013, , .		0