

# Oleksandr A Savchuk

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6333059/publications.pdf>

Version: 2024-02-01

8  
papers

310  
citations

1651377

6  
h-index

2070828

6  
g-index

8  
all docs

8  
docs citations

8  
times ranked

476  
citing authors

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