

# Ali Rafiei-Miandashti

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2317184/publications.pdf>

Version: 2024-02-01

10  
papers

275  
citations

1478505

6  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

368  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanophotonic Approaches for Chirality Sensing. ACS Nano, 2021, 15, 15538-15566.	14.6	111
2	Experimental and Theoretical Observation of Photothermal Chirality in Gold Nanoparticle Helicoids. ACS Nano, 2020, 14, 4188-4195.	14.6	57
3	Single-particle scattering spectroscopy: fundamentals and applications. Nanophotonics, 2021, 10, 1621-1655.	6.0	33
4	Effect of Temperature and Gold Nanoparticle Interaction on the Lifetime and Luminescence of NaYF <sub>4</sub> :Yb <sup>3+</sup> :Er <sup>3+</sup> Upconverting Nanoparticles. ACS Photonics, 2017, 4, 1864-1869.	6.6	27
5	Near-field thermal imaging of optically excited gold nanostructures: scaling principles for collective heating with heat dissipation into the surrounding medium. Nanoscale, 2018, 10, 941-948.	5.6	16
6	Time-Resolved Temperature-Jump Measurements and Theoretical Simulations of Nanoscale Heat Transfer Using NaYF <sub>4</sub> :Yb <sup>3+</sup> :Er <sup>3+</sup> Upconverting Nanoparticles. Journal of Physical Chemistry C, 2019, 123, 3770-3780.	3.1	16
7	Naturally Occurring Proteins Direct Chiral Nanorod Aggregation. Journal of Physical Chemistry C, 2022, 126, 2656-2668.	3.1	10
8	Time Resolved Temperature Measurement of Single Gold Structures via Luminescence Thermometry. MRS Advances, 2018, 3, 747-751.	0.9	2
9	Time-resolved universal temperature measurements using NaYF <sub>4</sub> :Er <sup>3+</sup> ,Yb <sup>3+</sup> upconverting nanoparticles in an electrospray jet. Beilstein Journal of Nanotechnology, 2018, 9, 2916-2924.	2.8	2
10	Time-resolved temperature-jump measurements and steady-state thermal imaging of nanoscale heat transfer of gold nanostructures on AlGaIn:Er <sup>3+</sup> thin films. Journal of Chemical Physics, 2020, 152, 034706.	3.0	1