

# Ali Rafiei Miandashti

## List of Publications by Year in descending order

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9  
papers

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citations

1478505

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1474206

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g-index

9  
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9  
docs citations

9  
times ranked

342  
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	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
4	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
5	Time Resolved Temperature Measurement of Single Gold Structures via Luminescence Thermometry. MRS Advances, 2018, 3, 747-751.	0.9	2
6	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
7	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
8	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
9	A facile preparation method for synthesis of silica sulfuric acid/poly( <i>o</i> -methoxyaniline) core-shell nanocomposite. Polymers for Advanced Technologies, 2015, 26, 645-657.	3.2	14