

Hangqi Zhao

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

10
papers

1,548
citations

10
h-index

10
g-index

10
ext. papers

1,820
ext. citations

12.7
avg, IF

4.41
L-index

#	Paper	IF	Citations
10	Environmental Symmetry Breaking Promotes Plasmon Mode Splitting in Gold Nanotriangles. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 13259-13266	3.8	26
9	Quantifying hot carrier and thermal contributions in plasmonic photocatalysis. <i>Science</i> , 2018 , 362, 69-72	33.3	494
8	A room-temperature mid-infrared photodetector for on-chip molecular vibrational spectroscopy. <i>Applied Physics Letters</i> , 2018 , 113, 101105	3.4	13
7	Plasmon-induced selective carbon dioxide conversion on earth-abundant aluminum-cuprous oxide antenna-reactor nanoparticles. <i>Nature Communications</i> , 2017 , 8, 27	17.4	220
6	Heterometallic antenna-reactor complexes for photocatalysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 8916-20	11.5	272
5	Laser-Induced Spectral Hole-Burning through a Broadband Distribution of Au Nanorods. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 20518-20524	3.8	21
4	Chiral and Achiral Nanodumbbell Dimers: The Effect of Geometry on Plasmonic Properties. <i>ACS Nano</i> , 2016 , 10, 6180-8	16.7	64
3	Absorption Spectroscopy of an Individual Fano Cluster. <i>Nano Letters</i> , 2016 , 16, 6497-6503	11.5	32
2	Al-Pd Nanodisk Heterodimers as Antenna-Reactor Photocatalysts. <i>Nano Letters</i> , 2016 , 16, 6677-6682	11.5	154
1	Distinguishing between plasmon-induced and photoexcited carriers in a device geometry. <i>Nature Communications</i> , 2015 , 6, 7797	17.4	252