

# Jian Yang

## List of Publications by Year in descending order

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21  
papers

857  
citations

623188

14  
h-index

794141

19  
g-index

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all docs

21  
docs citations

21  
times ranked

1539  
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-Dimensional Active Tuning of an Aluminum Plasmonic Array for Full-Spectrum Response. Nano Letters, 2017, 17, 6034-6039.	4.5	235
2	Vacuum Ultraviolet Light-Generating Metasurface. Nano Letters, 2018, 18, 5738-5743.	4.5	82
3	Aluminum Nanorods. Nano Letters, 2018, 18, 1234-1240.	4.5	69
4	Generating Third Harmonic Vacuum Ultraviolet Light with a TiO <sub>2</sub> Metasurface. Nano Letters, 2019, 19, 8972-8978.	4.5	69
5	Vacuum ultraviolet nonlinear metalens. Science Advances, 2022, 8, eabn5644.	4.7	57
6	Polymer-Directed Growth of Plasmonic Aluminum Nanocrystals. Journal of the American Chemical Society, 2018, 140, 15412-15418.	6.6	55
7	Wavelength-Dependent Optical Force Imaging of Bimetallic Al-Au Heterodimers. Nano Letters, 2018, 18, 2040-2046.	4.5	44
8	RCM simulation of a thin arc preceded by a north-south aligned auroral streamer. Geophysical Research Letters, 2014, 41, 2695-2701.	1.5	36
9	On the contribution of plasma sheet bubbles to the storm time ring current. Journal of Geophysical Research: Space Physics, 2015, 120, 7416-7432.	0.8	34
10	Environmental Symmetry Breaking Promotes Plasmon Mode Splitting in Gold Nanotriangles. Journal of Physical Chemistry C, 2018, 122, 13259-13266.	1.5	30
11	RCM-E simulation of substorm growth phase arc associated with large-scale adiabatic convection. Geophysical Research Letters, 2013, 40, 6017-6022.	1.5	26
12	Giant photothermoelectric effect in silicon nanoribbon photodetectors. Light: Science and Applications, 2020, 9, 120.	7.7	24
13	RCM simulation of bimodal transport in the plasma sheet. Geophysical Research Letters, 2014, 41, 1817-1822.	1.5	18
14	Comparison study of ring current simulations with and without bubble injections. Journal of Geophysical Research: Space Physics, 2016, 121, 374-379.	0.8	18
15	Oblique Colloidal Lithography for the Fabrication of Nonconcentric Features. ACS Nano, 2017, 11, 6594-6604.	7.3	14
16	Quantifying Remote Heating from Propagating Surface Plasmon Polaritons. Nano Letters, 2017, 17, 5646-5652.	4.5	13
17	Optical-Force-Dominated Directional Reshaping of Au Nanodisks in Al-Au Heterodimers. Nano Letters, 2018, 18, 6509-6514.	4.5	13
18	Plasmonic nanoparticle-based epoxy photocuring: A deeper look. Materials Today, 2019, 27, 14-20.	8.3	11

#	ARTICLE	IF	CITATIONS
19	RCM and AMIE studies of the Harang reversal formation during a steady magnetospheric convection event. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 7228-7242.	0.8	9
20	Nonlinear Generation of Vacuum Ultraviolet Light with an All-Dielectric Metasurface. , 2019, , .		0
21	Design and fabrication of the vacuum ultraviolet nonlinear metasurfaces. , 2020, , .		0