

Jian Yang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

857
citations

623188

14
h-index

794141

19
g-index

21
all docs

21
docs citations

21
times ranked

1539
citing authors

#	ARTICLE	IF	CITATIONS
1	Vacuum ultraviolet nonlinear metalens. <i>Science Advances</i> , 2022, 8, eabn5644.	4.7	57
2	Giant photothermoelectric effect in silicon nanoribbon photodetectors. <i>Light: Science and Applications</i> , 2020, 9, 120.	7.7	24
3	Design and fabrication of the vacuum ultraviolet nonlinear metasurfaces. , 2020, , .		0
4	Generating Third Harmonic Vacuum Ultraviolet Light with a TiO ₂ Metasurface. <i>Nano Letters</i> , 2019, 19, 8972-8978.	4.5	69
5	Plasmonic nanoparticle-based epoxy photocuring: A deeper look. <i>Materials Today</i> , 2019, 27, 14-20.	8.3	11
6	Nonlinear Generation of Vacuum Ultraviolet Light with an All-Dielectric Metasurface. , 2019, , .		0
7	Wavelength-Dependent Optical Force Imaging of Bimetallic Al-Au Heterodimers. <i>Nano Letters</i> , 2018, 18, 2040-2046.	4.5	44
8	Aluminum Nanorods. <i>Nano Letters</i> , 2018, 18, 1234-1240.	4.5	69
9	Environmental Symmetry Breaking Promotes Plasmon Mode Splitting in Gold Nanotriangles. <i>Journal of Physical Chemistry C</i> , 2018, 122, 13259-13266.	1.5	30
10	Polymer-Directed Growth of Plasmonic Aluminum Nanocrystals. <i>Journal of the American Chemical Society</i> , 2018, 140, 15412-15418.	6.6	55
11	Optical-Force-Dominated Directional Reshaping of Au Nanodisks in Al-Au Heterodimers. <i>Nano Letters</i> , 2018, 18, 6509-6514.	4.5	13
12	Vacuum Ultraviolet Light-Generating Metasurface. <i>Nano Letters</i> , 2018, 18, 5738-5743.	4.5	82
13	Two-Dimensional Active Tuning of an Aluminum Plasmonic Array for Full-Spectrum Response. <i>Nano Letters</i> , 2017, 17, 6034-6039.	4.5	235
14	Quantifying Remote Heating from Propagating Surface Plasmon Polaritons. <i>Nano Letters</i> , 2017, 17, 5646-5652.	4.5	13
15	Oblique Colloidal Lithography for the Fabrication of Nonconcentric Features. <i>ACS Nano</i> , 2017, 11, 6594-6604.	7.3	14
16	Comparison study of ring current simulations with and without bubble injections. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 374-379.	0.8	18
17	On the contribution of plasma sheet bubbles to the storm time ring current. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 7416-7432.	0.8	34
18	RCM simulation of bimodal transport in the plasma sheet. <i>Geophysical Research Letters</i> , 2014, 41, 1817-1822.	1.5	18

#	ARTICLE	IF	CITATIONS
19	RCM simulation of a thin arc preceded by a north-south-aligned auroral streamer. Geophysical Research Letters, 2014, 41, 2695-2701.	1.5	36
20	RCM and AMIE studies of the Harang reversal formation during a steady magnetospheric convection event. Journal of Geophysical Research: Space Physics, 2014, 119, 7228-7242.	0.8	9
21	RCM-E simulation of substorm growth phase arc associated with large-scale adiabatic convection. Geophysical Research Letters, 2013, 40, 6017-6022.	1.5	26