

Jiani Huang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11750970/publications.pdf>

Version: 2024-02-01

12
papers

1,787
citations

932766

10
h-index

1281420

11
g-index

13
all docs

13
docs citations

13
times ranked

3008
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing the mechanisms of large Purcell enhancement in plasmonic nanoantennas. Nature Photonics, 2014, 8, 835-840.	15.6	849
2	Ultrafast spontaneous emission source using plasmonic nanoantennas. Nature Communications, 2015, 6, 7788.	5.8	345
3	Large-Area Metasurface Perfect Absorbers from Visible to Near-Infrared. Advanced Materials, 2015, 27, 8028-8034.	11.1	272
4	Probing the origin of excitonic states in monolayer WSe ₂ . Scientific Reports, 2016, 6, 22414.	1.6	131
5	Tailored Emission Spectrum of 2D Semiconductors Using Plasmonic Nanocavities. ACS Photonics, 2018, 5, 552-558.	3.2	70
6	Real-Time Tunable Strong Coupling: From Individual Nanocavities to Metasurfaces. ACS Photonics, 2019, 6, 838-843.	3.2	30
7	Ultrabright Fluorescence Readout of an Inkjet-Printed Immunoassay Using Plasmonic Nanogap Cavities. Nano Letters, 2020, 20, 4330-4336.	4.5	27
8	Low-loss, centimeter-scale plasmonic metasurface for ultrafast optoelectronics. Optica, 2021, 8, 202.	4.8	22
9	Temporal and spatial valley dynamics in two-dimensional semiconductors probed via Kerr rotation. Physical Review B, 2017, 95, .	1.1	21
10	Colloidal Synthesis of Nanopatch Antennas for Applications in Plasmonics and Nanophotonics. Journal of Visualized Experiments, 2016, , .	0.2	11
11	Directional plasmonic nanoantennas to enhance the purcell effect. , 2015, , .		0
12	Plasmonic Nanopatch Antennas for Large Purcell Enhancement. , 2015, , .		0