

Peng Yu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2510808/publications.pdf>

Version: 2024-02-01

10
papers

1,146
citations

1040056

9
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

1572
citing authors

#	ARTICLE	IF	CITATIONS
1	Broadband Metamaterial Absorbers. <i>Advanced Optical Materials</i> , 2019, 7, 1800995.	7.3	404
2	Surface Modification of Magnetic Iron Oxide Nanoparticles. <i>Nanomaterials</i> , 2018, 8, 810.	4.1	348
3	The fast and the furious: Ultrafast hot electrons in plasmonic metastructures. Size and structure matter. <i>Nano Today</i> , 2019, 27, 120-145.	11.9	112
4	High-Q Plasmonic Resonances: Fundamentals and Applications. <i>Advanced Optical Materials</i> , 2021, 9, 2001520.	7.3	98
5	Generation of Hot Electrons with Chiral Metamaterial Perfect Absorbers: Giant Optical Chirality for Polarization-Sensitive Photochemistry. <i>ACS Photonics</i> , 2019, 6, 3241-3252.	6.6	64
6	Engineering plasmonic hot carrier dynamics toward efficient photodetection. <i>Applied Physics Reviews</i> , 2021, 8, .	11.3	47
7	Chiral Bioinspired Plasmonics: A Paradigm Shift for Optical Activity and Photochemistry. <i>ACS Photonics</i> , 2022, 9, 2219-2236.	6.6	26
8	Chiral Optofluidics with a Plasmonic Metasurface Using the Photothermal Effect. <i>ACS Nano</i> , 2021, 15, 16357-16367.	14.6	23
9	Ultraflexible Photothermal Superhydrophobic Coating with Multifunctional Applications Based on Plasmonic TiN Nanoparticles. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	18
10	Manipulation of Fluid Convection by Surface Lattice Resonance. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	6