

Danqing Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5922029/publications.pdf>

Version: 2024-02-01

23
papers

1,824
citations

331670

21
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

2443
citing authors

#	ARTICLE	IF	CITATIONS
1	Flat Bands in Magic-Angle Bilayer Photonic Crystals at Small Twists. <i>Physical Review Letters</i> , 2021, 126, 223601.	7.8	69
2	Lasing from Finite Plasmonic Nanoparticle Lattices. <i>ACS Photonics</i> , 2020, 7, 630-636.	6.6	37
3	Quantum Dot-Plasmon Lasing with Controlled Polarization Patterns. <i>ACS Nano</i> , 2020, 14, 3426-3433.	14.6	66
4	Engineering Directionality in Quantum Dot Shell Lasing Using Plasmonic Lattices. <i>Nano Letters</i> , 2020, 20, 1468-1474.	9.1	48
5	Hierarchical Hybridization in Plasmonic Honeycomb Lattices. <i>Nano Letters</i> , 2019, 19, 6435-6441.	9.1	47
6	Engineering Symmetry-Breaking Nanocrescent Arrays for Nanolasing. <i>Advanced Functional Materials</i> , 2019, 29, 1904157.	14.9	34
7	Manipulating Light-Matter Interactions in Plasmonic Nanoparticle Lattices. <i>Accounts of Chemical Research</i> , 2019, 52, 2997-3007.	15.6	76
8	Enhanced Fields in Mirror-Backed Low-Index Dielectric Structures. <i>ACS Photonics</i> , 2019, 6, 2612-2617.	6.6	17
9	Plasmonic Surface Lattice Resonances: Theory and Computation. <i>Accounts of Chemical Research</i> , 2019, 52, 2548-2558.	15.6	119
10	Lattice-Resonance Metalenses for Fully Reconfigurable Imaging. <i>ACS Nano</i> , 2019, 13, 4613-4620.	14.6	55
11	Spatially defined molecular emitters coupled to plasmonic nanoparticle arrays. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5925-5930.	7.1	24
12	Polarization-Dependent Lasing Behavior from Low-Symmetry Nanocavity Arrays. <i>ACS Nano</i> , 2019, 13, 7435-7441.	14.6	45
13	Ultralow-threshold, continuous-wave upconverting lasing from subwavelength plasmons. <i>Nature Materials</i> , 2019, 18, 1172-1176.	27.5	160
14	Second Harmonic Spectroscopy of Surface Lattice Resonances. <i>Nano Letters</i> , 2019, 19, 165-172.	9.1	73
15	Plasmon nanolasing with aluminum nanoparticle arrays [Invited]. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2019, 36, E104.	2.1	28
16	Roadmap on plasmonics. <i>Journal of Optics (United Kingdom)</i> , 2018, 20, 043001.	2.2	240
17	Structural Engineering in Plasmon Nanolasers. <i>Chemical Reviews</i> , 2018, 118, 2865-2881.	47.7	130
18	Stretchable Nanolasing from Hybrid Quadrupole Plasmons. <i>Nano Letters</i> , 2018, 18, 4549-4555.	9.1	102

#	ARTICLE	IF	CITATIONS
19	Coherent Light Sources at the Nanoscale. Annual Review of Physical Chemistry, 2017, 68, 83-99.	10.8	31
20	Deterministic Coupling of Quantum Emitters in 2D Materials to Plasmonic Nanocavity Arrays. Nano Letters, 2017, 17, 2634-2639.	9.1	163
21	Model for describing plasmonic nanolasers using Maxwell-Liouville equations with finite-difference time-domain calculations. Physical Review A, 2017, 96, .	2.5	13
22	Band-edge engineering for controlled multi-modal nanolasing in plasmonic superlattices. Nature Nanotechnology, 2017, 12, 889-894.	31.5	167
23	Superlattice Plasmons in Hierarchical Au Nanoparticle Arrays. ACS Photonics, 2015, 2, 1789-1794.	6.6	80