

Yanan Dai

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

604
citations

687363

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888059

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18
all docs

18
docs citations

18
times ranked

635
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasmonic topological quasiparticle on the nanometre and femtosecond scales. <i>Nature</i> , 2020, 588, 616-619.	27.8	113
2	Ultrafast Photoemission Electron Microscopy: Imaging Plasmons in Space and Time. <i>Chemical Reviews</i> , 2020, 120, 6247-6287.	47.7	71
3	Ultrafast Plasmon-Enhanced Hot Electron Generation at Ag Nanocluster/Graphite Heterojunctions. <i>Journal of the American Chemical Society</i> , 2017, 139, 6160-6168.	13.7	59
4	Ultrafast Microscopy: Imaging Light with Photoelectrons on the Nano-Femto Scale. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 4446-4455.	4.6	53
5	Coherent Electron Transfer at the Ag/Graphite Heterojunction Interface. <i>Physical Review Letters</i> , 2018, 120, 126801.	4.7	47
6	Solvated Electrons in Solids-Ferroelectric Large Polarons in Lead Halide Perovskites. <i>Journal of the American Chemical Society</i> , 2021, 143, 5-16.	13.7	44
7	Ultrafast Microscopy of Spin-Momentum-Locked Surface Plasmon Polaritons. <i>ACS Nano</i> , 2018, 12, 6588-6596.	14.6	36
8	Ultrafast microscopy of a twisted plasmonic spin skyrmion. <i>Applied Physics Reviews</i> , 2022, 9, .	11.3	33
9	Spin-orbit-coupled exciton-polariton condensates in lead halide perovskites. <i>Science Advances</i> , 2021, 7, eabj7667.	10.3	30
10	Multiphoton Photoemission Microscopy of High-Order Plasmonic Resonances at the Ag/Vacuum and Ag/Si Interfaces of Epitaxial Silver Nanowires. <i>ACS Photonics</i> , 2016, 3, 1704-1713.	6.6	27
11	A topological lattice of plasmonic merons. <i>Applied Physics Reviews</i> , 2021, 8, .	11.3	27
12	Plasmonic Spin-Hall Effect in Surface Plasmon Polariton Focusing. <i>ACS Photonics</i> , 2019, 6, 2005-2013.	6.6	22
13	Ultrafast nanofemto photoemission electron microscopy of vectorial plasmonic fields. <i>MRS Bulletin</i> , 2021, 46, 738-746.	3.5	15
14	Nanoscale guiding and shaping of indium droplets. <i>Applied Physics Letters</i> , 2016, 109, .	3.3	10
15	Optical field tuning of localized plasmon modes in Ag microcrystals at the nanofemto scale. <i>Journal of Chemical Physics</i> , 2020, 152, 054201.	3.0	9
16	Ultrafast Ferroelectric Ordering on the Surface of a Topological Semimetal MoTe_2 . <i>Nano Letters</i> , 2021, 21, 9903-9908.	9.1	4
17	Screening of photoexcitons in the ferroelectric semiconductor Bi_2Te_3 . <i>Physical Review Letters</i> , 2021, 126, 077401.	3.2	3
18	Light Matter. <i>ACS Symposium Series</i> , 0, , 153-171.	0.5	1