

Longji Cui

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7405271/publications.pdf>

Version: 2024-02-01

15
papers

1,267
citations

759233

12
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

1266
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiative heat transfer in the extreme near field. <i>Nature</i> , 2015, 528, 387-391.	27.8	332
2	Quantized thermal transport in single-atom junctions. <i>Science</i> , 2017, 355, 1192-1195.	12.6	165
3	Perspective: Thermal and thermoelectric transport in molecular junctions. <i>Journal of Chemical Physics</i> , 2017, 146, .	3.0	144
4	Thermal conductance of single-molecule junctions. <i>Nature</i> , 2019, 572, 628-633.	27.8	127
5	Peltier cooling in molecular junctions. <i>Nature Nanotechnology</i> , 2018, 13, 122-127.	31.5	120
6	Study of radiative heat transfer in Å...ngstrÅ¶m- and nanometre-sized gaps. <i>Nature Communications</i> , 2017, 8, .	12.8	117
7	Influence of Quantum Interference on the Thermoelectric Properties of Molecular Junctions. <i>Nano Letters</i> , 2018, 18, 5666-5672.	9.1	93
8	Active Magneto-Optical Control of Near-Field Radiative Heat Transfer between Graphene Sheets. <i>Physical Review Applied</i> , 2019, 11, .	3.8	51
9	Electrically Driven Hot-Carrier Generation and Above-Threshold Light Emission in Plasmonic Tunnel Junctions. <i>Nano Letters</i> , 2020, 20, 6067-6075.	9.1	38
10	Ultrafast modulation of near-field heat transfer with tunable metamaterials. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	32
11	Near-field radiative heat transfer between chiral metamaterials. <i>Journal of Applied Physics</i> , 2012, 112, .	2.5	21
12	Thousand-fold Increase in Plasmonic Light Emission via Combined Electronic and Optical Excitations. <i>Nano Letters</i> , 2021, 21, 2658-2665.	9.1	12
13	Hot-carrier enhanced light emission: The origin of above-threshold photons from electrically driven plasmonic tunnel junctions. <i>Journal of Applied Physics</i> , 2020, 128, .	2.5	10
14	Probing energy dissipation in molecular-scale junctions via surface enhanced Raman spectroscopy: vibrational pumping and hot carrier enhanced light emission. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 134001.	1.8	3
15	Harmony with superatoms. <i>Nature Materials</i> , 2017, 16, 10-11.	27.5	2