

Lisa V Poulikakos

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

857
citations

623188

14
h-index

794141

19
g-index

19
all docs

19
docs citations

19
times ranked

1398
citing authors

#	ARTICLE	IF	CITATIONS
1	Polarization-based colour tuning of mixed colloidal quantum-dot thin films using direct patterning. <i>Nanoscale</i> , 2022, 14, 4929-4934.	2.8	5
2	Nanophotonic materials: enabling targeted cancer diagnostics and therapeutics with light. <i>Current Opinion in Chemical Engineering</i> , 2022, 37, 100852.	3.8	1
3	Colorimetric metasurfaces shed light on fibrous biological tissue. <i>Journal of Materials Chemistry C</i> , 2021, 9, 11619-11639.	2.7	4
4	The Beginner's Guide to Chiral Plasmonics: Mostly Harmless Theory and the Design of Large Area Substrates. <i>Advanced Optical Materials</i> , 2021, 9, 2100378.	3.6	51
5	Nanoscale Bouligand Multilayers: Giant Circular Dichroism of Helical Assemblies of Plasmonic 1D Nano-Objects. <i>ACS Nano</i> , 2021, 15, 13653-13661.	7.3	20
6	Nanophotonic Platforms for Chiral Sensing and Separation. <i>Accounts of Chemical Research</i> , 2020, 53, 588-598.	7.6	96
7	Fluorescence-Detected Circular Dichroism of a Chiral Molecular Monolayer with Dielectric Metasurfaces. <i>Journal of the American Chemical Society</i> , 2020, 142, 18304-18309.	6.6	42
8	Guided-Mode-Resonant Dielectric Metasurfaces for Colorimetric Imaging of Material Anisotropy in Fibrous Biological Tissue. <i>ACS Photonics</i> , 2020, 7, 3216-3227.	3.2	13
9	Optical Helicity and Optical Chirality in Free Space and in the Presence of Matter. <i>Symmetry</i> , 2019, 11, 1113.	1.1	44
10	Chiral Light Design and Detection Inspired by Optical Antenna Theory. <i>Nano Letters</i> , 2018, 18, 4633-4640.	4.5	73
11	Three-Dimensional Enantiomeric Recognition of Optically Trapped Single Chiral Nanoparticles. <i>Physical Review Letters</i> , 2018, 121, 023902.	2.9	27
12	Carbon Nanotube Chirality Determines Properties of Encapsulated Linear Carbon Chain. <i>Nano Letters</i> , 2018, 18, 5426-5431.	4.5	60
13	Polarization Multiplexing of Fluorescent Emission Using Multiresonant Plasmonic Antennas. <i>ACS Nano</i> , 2017, 11, 12167-12173.	7.3	14
14	Time-harmonic optical chirality in inhomogeneous space. <i>Proceedings of SPIE</i> , 2016, , .	0.8	18
15	Optical Chirality Flux as a Useful Far-Field Probe of Chiral Near Fields. <i>ACS Photonics</i> , 2016, 3, 1619-1625.	3.2	89
16	Ultraviolet Plasmonic Chirality from Colloidal Aluminum Nanoparticles Exhibiting Charge-Selective Protein Detection. <i>Advanced Materials</i> , 2015, 27, 6244-6250.	11.1	63
17	Subdiffusive Exciton Transport in Quantum Dot Solids. <i>Nano Letters</i> , 2014, 14, 3556-3562.	4.5	152
18	Transition from Thermodynamic to Kinetic-Limited Excitonic Energy Migration in Colloidal Quantum Dot Solids. <i>Journal of Physical Chemistry C</i> , 2014, 118, 7894-7900.	1.5	22

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19	Synthesis of calcium-based, Al ₂ O ₃ -stabilized sorbents for CO ₂ capture using a co-precipitation technique. International Journal of Greenhouse Gas Control, 2013, 15, 48-54.	2.3	63