Lisa V Poulikakos

List of Publications by Year
in descending order

19	857	623188 14	794141 19
papers	citations	h-index	g-index

19	19	19	1398
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Subdiffusive Exciton Transport in Quantum Dot Solids. Nano Letters, 2014, 14, 3556-3562.	4.5	152
2	Nanophotonic Platforms for Chiral Sensing and Separation. Accounts of Chemical Research, 2020, 53, 588-598.	7.6	96
3	Optical Chirality Flux as a Useful Far-Field Probe of Chiral Near Fields. ACS Photonics, 2016, 3, 1619-1625.	3.2	89
4	Chiral Light Design and Detection Inspired by Optical Antenna Theory. Nano Letters, 2018, 18, 4633-4640.	4.5	73
5	Synthesis of calcium-based, Al2O3-stabilized sorbents for CO2 capture using a co-precipitation technique. International Journal of Greenhouse Gas Control, 2013, 15, 48-54.	2.3	63
6	Ultraviolet Plasmonic Chirality from Colloidal Aluminum Nanoparticles Exhibiting Chargeâ€Selective Protein Detection. Advanced Materials, 2015, 27, 6244-6250.	11.1	63
7	Carbon Nanotube Chirality Determines Properties of Encapsulated Linear Carbon Chain. Nano Letters, 2018, 18, 5426-5431.	4.5	60
8	The Beginner's Guide to Chiral Plasmonics: Mostly Harmless Theory and the Design of Largeâ€Area Substrates. Advanced Optical Materials, 2021, 9, 2100378.	3.6	51
9	Optical Helicity and Optical Chirality in Free Space and in the Presence of Matter. Symmetry, 2019, 11, 1113.	1.1	44
10	Fluorescence-Detected Circular Dichroism of a Chiral Molecular Monolayer with Dielectric Metasurfaces. Journal of the American Chemical Society, 2020, 142, 18304-18309.	6.6	42
11	Three-Dimensional Enantiomeric Recognition of Optically Trapped Single Chiral Nanoparticles. Physical Review Letters, 2018, 121, 023902.	2.9	27
12	Transition from Thermodynamic to Kinetic-Limited Excitonic Energy Migration in Colloidal Quantum Dot Solids. Journal of Physical Chemistry C, 2014, 118, 7894-7900.	1.5	22
13	Nanoscale Bouligand Multilayers: Giant Circular Dichroism of Helical Assemblies of Plasmonic 1D Nano-Objects. ACS Nano, 2021, 15, 13653-13661.	7.3	20
14	Time-harmonic optical chirality in inhomogeneous space. Proceedings of SPIE, 2016, , .	0.8	18
15	Polarization Multiplexing of Fluorescent Emission Using Multiresonant Plasmonic Antennas. ACS Nano, 2017, 11, 12167-12173.	7.3	14
16	Guided-Mode-Resonant Dielectric Metasurfaces for Colorimetric Imaging of Material Anisotropy in Fibrous Biological Tissue. ACS Photonics, 2020, 7, 3216-3227.	3.2	13
17	Polarization-based colour tuning of mixed colloidal quantum-dot thin films using direct patterning. Nanoscale, 2022, 14, 4929-4934.	2.8	5
18	Colorimetric metasurfaces shed light on fibrous biological tissue. Journal of Materials Chemistry C, 2021, 9, 11619-11639.	2.7	4

#	Article	IF	Citations
19	Nanophotonic materials: enabling targeted cancer diagnostics and therapeutics with light. Current Opinion in Chemical Engineering, 2022, 37, 100852.	3.8	1