Yong-Liang Zhang

List of Publications by Year
in descending order

18 papers	640 citations	840776 11 h-index	839539 18 g-index
18 all docs	18 docs citations	18 times ranked	1017 citing authors

#	Article	IF	Citations
1	Zak phases of chiral photonic crystals designed via transformation optics. Physical Review B, 2021, 104, .	3.2	4
2	Multifunctional Water Drop Energy Harvesting and Human Motion Sensor Based on Flexible Dual-Mode Nanogenerator Incorporated with Polymer Nanotubes. ACS Applied Materials & Interfaces, 2020, 12, 24030-24038.	8.0	44
3	Nonsymmorphic symmetry-protected topological modes in plasmonic nanoribbon lattices. Physical Review B, 2018, 97, .	3.2	13
4	Electrical and thermal properties of silver nanowire fabricated on a flexible substrate by two-beam laser direct writing for designing a thermometer. RSC Advances, 2018, 8, 24893-24899.	3.6	22
5	Metal-Substrate-Mediated Plasmon Hybridization in a Nanoparticle Dimer for Photoluminescence Line-Width Shrinking and Intensity Enhancement. ACS Nano, 2017, 11, 3067-3080.	14.6	127
6	Interband Absorption Enhanced Optical Activity in Discrete Au@Ag Coreâ€“Shell Nanocuboids: Probing Extended Helical Conformation of Chemisorbed Cysteine Molecules. Angewandte Chemie, 2017, 129, 1303-1308.	2.0	64
7	Interband Absorption Enhanced Optical Activity in Discrete Au@Ag Coreâ€“Shell Nanocuboids: Probing Extended Helical Conformation of Chemisorbed Cysteine Molecules. Angewandte Chemie - International Edition, 2017, 56, 1283-1288.	13.8	70
8	Anisotropic and omnidirectional focusing in Luneburg lens structure with gradient photonic crystals. Journal of Optics (United Kingdom), 2017, 19, 015605.	2.2	3
9	Radial anisotropy from a geometric viewpoint: Topological singularity and effective medium realization. Physical Review B, 2017, 96, .	3.2	10
10	Threeâ€dimensional Luneburg lens at optical frequencies. Laser and Photonics Reviews, 2016, 10, 665-672.	8.7	77
11	Hybrid plasmonic gap modes in metal film-coupled dimers and their physical origins revealed by polarization resolved dark field spectroscopy. Nanoscale, 2016, 8, 7119-7126.	5.6	67
12	Tunable dual-band infrared chiral metamaterials based on double-layered asymmetric U-shape split ring resonators. Physica E: Low-Dimensional Systems and Nanostructures, 2015, 74, 659-664.	2.7	4
13	Complementary chiral metasurface with strong broadband optical activity and enhanced transmission. Applied Physics Letters, 2014, 104, 011108.	3.3	39
14	Femtosecond direct laser writing of gold nanostructures by ionic liquid assisted multiphoton photoreduction. Optical Materials Express, 2013, 3, 1660.	3.0	61
15	Preparation, photoisomerization, and microfabrication with twoâ€photon polymerization of crosslinked azoâ€polymers. Journal of Applied Polymer Science, 2013, 130, 2947-2956.	2.6	4
16	Asymmetric fishnet metamaterials with strong optical activity. Optics Express, 2012, 20, 10776.	3.4	18
17	Optimization of the Field Enhancement and Spectral Bandwidth of Single and Coupled Bimetal Coreâ€“Shell Nanoparticles for Few-Cycle Laser Applications. Plasmonics, 2012, 7, 99-106.	3.4	11
18	Engineering electromagnetic response of composite terahertz metamaterial with broken symmetry. Optics Communications, 2011, 284, 4815-4819.	2.1	2