Shoufeng Lan

List of Publications by Year
in descending order

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Version: 2024-02-01

40 papers	1,585 citations	516710 16 h-index	526287 27 g-index
42 all docs	42 docs citations	42 times ranked	2258 citing authors

#	Article	IF	Citations
1	Highâ€Harmonic Optical Vortex Generation from Photonic Bound States in the Continuum. Advanced Optical Materials, 2022, 10, 2101497.	7.3	14
2	Superparamagnetic iron oxide-enclosed hollow gold nanostructure with tunable surface plasmon resonances to promote near-infrared photothermal conversion. Advanced Composites and Hybrid Materials, 2022, 5, 2387-2398.	21.1	21
3	Review of optically active and nonlinear chiral metamaterials. Journal of Nanophotonics, 2022, 16, .	1.0	4
4	Observation of strong excitonic magneto-chiral anisotropy in twisted bilayer van der Waals crystals. Nature Communications, 2021, 12, 2088.	12.8	7
5	Nanotexture Shape and Surface Energy Impact on Electroadhesive Humanâ€“Machine Interface Performance. Advanced Materials, 2021, 33, e2008337.	21.0	14
6	Electroadhesionâ€Based Haptics: Nanotexture Shape and Surface Energy Impact on Electroadhesive Humanâ€“Machine Interface Performance (Adv. Mater. 31/2021). Advanced Materials, 2021, 33, 2170240.	21.0	0
7	Halide Perovskite Metamaterial Directional Emitter. , 2021, , .		0
8	Engineering photonic environments for two-dimensional materials. Nanophotonics, 2021, 10, 1031-1058.	6.0	14
9	Monolithic Full-Stokes Near-Infrared Polarimetry with Chiral Plasmonic Metasurface Integrated Grapheneâ€“Silicon Photodetector. ACS Nano, 2020, 14, 16634-16642.	14.6	94
10	Nonlinear Optics at Excited States of Exciton Polaritons in Two-Dimensional Atomic Crystals. Nano Letters, 2020, 20, 1676-1685.	9.1	20
11	Metasurfaces for Near-Eye Augmented Reality. ACS Photonics, 2019, 6, 864-870.	6.6	57
12	Probing the excited states of valley polaritons in atomic crystals. , 2019, , .		0
13	A Chiral Meta-Mirror Enabled Linear and Nonlinear Chiroptical Responses. , 2018, , .		0
14	Dark plasmonic modes in diatomic gratings for plasmoelectronics. Laser and Photonics Reviews, 2017, 11, 1600312.	8.7	11
15	Intensity-dependent modulation of optically active signals in a chiral metamaterial. Nature Communications, 2017, 8, .	12.8	69
16	Preserving Spin States upon Reflection: Linear and Nonlinear Responses of a Chiral Meta-Mirror. Nano Letters, 2017, 17, 7102-7109.	9.1	124
17	Modulating optically active signals in a chiral metamaterial with varied input intensities. , 2017, , .		0
18	Geometrically-induced loss suppression in plasmoelectronic nanostructures (Conference) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (P		0

#	Article	IF	Citations
19	Optical Phase Anisotropy in Layered Black Phosphorus. , 2016, , .		0
20	Optical properties of black phosphorus. Advances in Optics and Photonics, 2016, 8, 618.	25.5	203
21	Visualizing Optical Phase Anisotropy in Black Phosphorus. ACS Photonics, 2016, 3, 1176-1181.	6.6	84
22	Electrically Tunable Harmonic Generation of Light from Plasmonic Structures in Electrolytes. Nano Letters, 2016, 16, 5074-5079.	9.1	19
23	A Chiral Metamaterial for Chiral Responsive Optoelectronic Transduction. , 2016, , .		1
24	Backward Phase-Matching in Negative-Index Materials. , 2016, , .		0
25	Achiral Nanoprobes Extract Chiral Signals from within Chiral Metamaterials. , 2016, , .		0
26	An Active Metamaterial Platform for Chiral Responsive Optoelectronics. Advanced Materials, 2015, 27, 4377-4383.	21.0	70
27	Backward phase-matching for nonlinear optical generation in negative-index materials. Nature Materials, 2015, 14, 807-811.	27.5	73
28	Metamaterials Enable Chiralâ€Selective Enhancement of Twoâ€Photon Luminescence from Quantum Emitters. Advanced Materials, 2015, 27, 1124-1130.	21.0	46
29	Enhancement of Two-Photon Luminescence from Quantum Emitters: Metamaterial-Enabled Chiral Selectivity. , 2015, , .		0
30	Giant Chiral Optical Response from a Twisted-Arc Metamaterial. Nano Letters, 2014, 14, 1021-1025.	9.1	268
31	Nonlinear Imaging and Spectroscopy of Chiral Metamaterials. Advanced Materials, 2014, 26, 6157-6162.	21.0	138
32	Electrifying photonic metamaterials for tunable nonlinear optics. Nature Communications, 2014, 5, 4680.	12.8	90
33	Mass Sensing with Optomechanical Oscillation. , 2012, , .		0
34	Application of dynamic line narrowing in resonant optical sensing. Optics Letters, 2011, 36, 4395.	3.3	4
35	Faraday Effect in High-Q Whispering-Gallery Mode Optical Cavities. IEEE Photonics Journal, 2011, 3, 872-880.	2.0	6
36	Theory of Faraday Effect in High-Q Whispering-Gallery Optical Cavities. , 2011, , .		0

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37	THREE-DIMENSIONAL IMAGE OF THE HUMAN TOOTH BASED ON OPTICAL COHERENCE TOMOGRAPHY. Progress in Electromagnetics Research C, 2009, 8, 13-25.	0.9	3
38	Measurement of the refractive index of human teeth by optical coherence tomography. Journal of Biomedical Optics, 2009, 14, 034010.	2.6	128
39	A novel method of polarization state control for polarization division multiplexing system. Chinese Optics Letters, 2008, 6, 812-814.	2.9	2
40	Backward phase-matching: rethinking nonlinear optical rules. SPIE Newsroom, 0, , .	0.1	0