

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	Giant Chiral Optical Response from a Twisted-Arc Metamaterial. <i>Nano Letters</i> , 2014, 14, 1021-1025.	9.1	268
2	Optical properties of black phosphorus. <i>Advances in Optics and Photonics</i> , 2016, 8, 618.	25.5	203
3	Nonlinear Imaging and Spectroscopy of Chiral Metamaterials. <i>Advanced Materials</i> , 2014, 26, 6157-6162.	21.0	138
4	Measurement of the refractive index of human teeth by optical coherence tomography. <i>Journal of Biomedical Optics</i> , 2009, 14, 034010.	2.6	128
5	Preserving Spin States upon Reflection: Linear and Nonlinear Responses of a Chiral Meta-Mirror. <i>Nano Letters</i> , 2017, 17, 7102-7109.	9.1	124
6	Monolithic Full-Stokes Near-Infrared Polarimetry with Chiral Plasmonic Metasurface Integrated Graphene-Silicon Photodetector. <i>ACS Nano</i> , 2020, 14, 16634-16642.	14.6	94
7	Electrifying photonic metamaterials for tunable nonlinear optics. <i>Nature Communications</i> , 2014, 5, 4680.	12.8	90
8	Visualizing Optical Phase Anisotropy in Black Phosphorus. <i>ACS Photonics</i> , 2016, 3, 1176-1181.	6.6	84
9	Backward phase-matching for nonlinear optical generation in negative-index materials. <i>Nature Materials</i> , 2015, 14, 807-811.	27.5	73
10	An Active Metamaterial Platform for Chiral Responsive Optoelectronics. <i>Advanced Materials</i> , 2015, 27, 4377-4383.	21.0	70
11	Intensity-dependent modulation of optically active signals in a chiral metamaterial. <i>Nature Communications</i> , 2017, 8, .	12.8	69
12	Metasurfaces for Near-Eye Augmented Reality. <i>ACS Photonics</i> , 2019, 6, 864-870.	6.6	57
13	Metamaterials Enable Chiral-Selective Enhancement of Two-Photon Luminescence from Quantum Emitters. <i>Advanced Materials</i> , 2015, 27, 1124-1130.	21.0	46
14	Superparamagnetic iron oxide-enclosed hollow gold nanostructure with tunable surface plasmon resonances to promote near-infrared photothermal conversion. <i>Advanced Composites and Hybrid Materials</i> , 2022, 5, 2387-2398.	21.1	21
15	Nonlinear Optics at Excited States of Exciton Polaritons in Two-Dimensional Atomic Crystals. <i>Nano Letters</i> , 2020, 20, 1676-1685.	9.1	20
16	Electrically Tunable Harmonic Generation of Light from Plasmonic Structures in Electrolytes. <i>Nano Letters</i> , 2016, 16, 5074-5079.	9.1	19
17	Nanotexture Shape and Surface Energy Impact on Electroadhesive Human-Machine Interface Performance. <i>Advanced Materials</i> , 2021, 33, e2008337.	21.0	14
18	High-Harmonic Optical Vortex Generation from Photonic Bound States in the Continuum. <i>Advanced Optical Materials</i> , 2022, 10, 2101497.	7.3	14

#	ARTICLE	IF	CITATIONS
19	Engineering photonic environments for two-dimensional materials. <i>Nanophotonics</i> , 2021, 10, 1031-1058.	6.0	14
20	Dark plasmonic modes in diatomic gratings for plasmoelectronics. <i>Laser and Photonics Reviews</i> , 2017, 11, 1600312.	8.7	11
21	Observation of strong excitonic magneto-chiral anisotropy in twisted bilayer van der Waals crystals. <i>Nature Communications</i> , 2021, 12, 2088.	12.8	7
22	Faraday Effect in High-Q Whispering-Gallery Mode Optical Cavities. <i>IEEE Photonics Journal</i> , 2011, 3, 872-880.	2.0	6
23	Application of dynamic line narrowing in resonant optical sensing. <i>Optics Letters</i> , 2011, 36, 4395.	3.3	4
24	Review of optically active and nonlinear chiral metamaterials. <i>Journal of Nanophotonics</i> , 2022, 16, .	1.0	4
25	THREE-DIMENSIONAL IMAGE OF THE HUMAN TOOTH BASED ON OPTICAL COHERENCE TOMOGRAPHY. <i>Progress in Electromagnetics Research C</i> , 2009, 8, 13-25.	0.9	3
26	A novel method of polarization state control for polarization division multiplexing system. <i>Chinese Optics Letters</i> , 2008, 6, 812-814.	2.9	2
27	A Chiral Metamaterial for Chiral Responsive Optoelectronic Transduction. , 2016, , .		1
28	Optical Phase Anisotropy in Layered Black Phosphorus. , 2016, , .		0
29	Modulating optically active signals in a chiral metamaterial with varied input intensities. , 2017, , .		0
30	A Chiral Meta-Mirror Enabled Linear and Nonlinear Chiroptical Responses. , 2018, , .		0
31	Electroadhesion-Based Haptics: Nanotexture Shape and Surface Energy Impact on Electrodeposited Human-Machine Interface Performance (<i>Adv. Mater.</i> 31/2021). <i>Advanced Materials</i> , 2021, 33, 2170240.	21.0	0
32	Halide Perovskite Metamaterial Directional Emitter. , 2021, , .		0
33	Theory of Faraday Effect in High-Q Whispering-Gallery Optical Cavities. , 2011, , .		0
34	Mass Sensing with Optomechanical Oscillation. , 2012, , .		0
35	Enhancement of Two-Photon Luminescence from Quantum Emitters: Metamaterial-Enabled Chiral Selectivity. , 2015, , .		0
36	Backward phase-matching: rethinking nonlinear optical rules. <i>SPIE Newsroom</i> , 0, , .	0.1	0

#	ARTICLE	IF	CITATIONS
37	Backward Phase-Matching in Negative-Index Materials. , 2016, , .		0
38	Achiral Nanoprobes Extract Chiral Signals from within Chiral Metamaterials. , 2016, , .		0
39	Geometrically-induced loss suppression in plasmoelectronic nanostructures (Conference) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50		0
40	Probing the excited states of valley polaritons in atomic crystals. , 2019, , .		0