

Chao Wu

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

430
citations

932766

10
h-index

752256

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g-index

23
all docs

23
docs citations

23
times ranked

450
citing authors

#	ARTICLE	IF	CITATIONS
1	An ultrathin twist-structure polarization transformer based on fish-scale metallic wires. Applied Physics Letters, 2011, 98, .	1.5	88
2	Metallic Helix Array as a Broadband Wave Plate. Physical Review Letters, 2011, 107, 177401.	2.9	78
3	Theory and Experimental Realization of Negative Refraction in a Metallic Helix Array. Physical Review Letters, 2010, 105, 247401.	2.9	58
4	Subwavelength electromagnetic diode: One-way response of cascading nonlinear meta-atoms. Applied Physics Letters, 2011, 98, .	1.5	50
5	Broadband negative refraction in stacked fishnet metamaterial. Applied Physics Letters, 2010, 97, .	1.5	33
6	Observation of Giant Extrinsic Chirality Empowered by Quasi-Bound States in the Continuum. Physical Review Applied, 2021, 16, .	1.5	32
7	Broadband and high-efficiency vortex beam generator based on a hybrid helix array. Optics Letters, 2018, 43, 1538.	1.7	19
8	Subwavelength imaging with a fishnet flat lens. Physical Review B, 2013, 88, .	1.1	14
9	The dual-frequency zero-backward scattering realized in a hybrid metallo-dielectric nanoantenna. AIP Advances, 2019, 9, 075121.	0.6	14
10	The impact of local resonance on the enhanced transmission and dispersion of surface resonances. Photonics and Nanostructures - Fundamentals and Applications, 2010, 8, 94-101.	1.0	13
11	Analytical full complex-amplitude control strategy for metasurface. New Journal of Physics, 2021, 23, 083023.	1.2	6
12	Broadband efficient vortex beam generation with metallic helix array. Applied Physics Letters, 2018, 113, .	1.5	4
13	Control of phase, polarization, and amplitude based on geometric phase in a racemic helix array. Photonics Research, 2021, 9, 2265.	3.4	4
14	Compact Anisotropic Metasurface for Full Range and Arbitrary Complex-Amplitude Control. IEEE Photonics Journal, 2022, 14, 1-6.	1.0	4
15	Collimation effect inside complete bandgap of electromagnetic surface resonance states on a metal plate perforated with a triangular array of air holes. Optics Express, 2012, 20, 25520.	1.7	3
16	Dual-frequency liquid crystal-polymer grating for fast response optical beam steering. Smart Materials and Structures, 2019, 28, 105036.	1.8	3
17	Tunable Unidirectivity of Metal-Dielectric-Metal Plasmonic Nanoantennas With PT-Symmetric Potentials. Frontiers in Physics, 2019, 7, .	1.0	2
18	Broadband Efficient Polarizationâ€Pure Airy Beam Generation Based on Threeâ€Layer Metasurface. Physica Status Solidi (B): Basic Research, 2021, 258, 2000621.	0.7	2

#	ARTICLE	IF	CITATIONS
19	A Design of Functional Layer with Robust Constitutive Parameters for Multilayer Metamaterials. <i>Advances in Materials Science and Engineering</i> , 2017, 2017, 1-13.	1.0	1
20	Geometric Phase Based Circular Array for Multimode Vortex Beam Generation. <i>Annalen Der Physik</i> , 2019, 531, 1900367.	0.9	1
21	Broadband Efficient Dual-Polarization Airy Beam Generation with Reflective Metasurface. <i>Physica Status Solidi (B): Basic Research</i> , 2021, 258, 2100002.	0.7	1
22	The management software research of city lights remote management system. , 2010, , .		0
23	The Research and Design of Remote Power Monitoring System. , 2011, , .		0