

He Wang

List of Publications by Year in descending order

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papers

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759233

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all docs

38
docs citations

38
times ranked

433
citing authors

#	ARTICLE	IF	CITATIONS
1	Circular dichroism assisted bi-directional absorbers. Journal Physics D: Applied Physics, 2022, 55, 095101.	2.8	6
2	Full-Plane Polarization Frequency Controlled Multimode Spoof Surface Plasmon Polaritons Excitation via Anisotropic Metastructure. Advanced Optical Materials, 2022, 10, .	7.3	3
3	Origami-Based Metamaterials for Dynamic Control of Wide-Angle Absorption in a Reconfigurable Manner. IEEE Transactions on Antennas and Propagation, 2022, 70, 4558-4568.	5.1	9
4	Tailoring the Excited and Cutoff States of Spoof Surface Plasmon Polaritons for Full-Space Quadruple Functionalities. ACS Applied Materials & Interfaces, 2022, 14, 6230-6238.	8.0	3
5	Generating diverse functionalities simultaneously and independently for arbitrary linear polarized illumination enabled by a chiral transmission-reflection-selective bifunctional metasurface. Optics Express, 2022, 30, 7124.	3.4	9
6	Chiral Absorber-Based Frequency Selective Resorber With Identical Filtering Characteristics for Distinct Polarizations. IEEE Transactions on Antennas and Propagation, 2022, 70, 3506-3514.	5.1	13
7	Polarization meta-converter for dynamic polarization states shifting with broadband characteristic. Optics Express, 2022, 30, 20014.	3.4	11
8	Tailoring Circular Dichroism in an Isomeric Manner: Complete Control of Amplitude and Phase for High-Quality Hologram and Beam Forming. Advanced Optical Materials, 2022, 10, .	7.3	19
9	Metasurface with dynamic chiral meta-atoms for spin multiplexing hologram and low observable reflection. Photonix, 2022, 3, .	13.5	32
10	Active Meta-Device for Dual-Transmission Windows with Tunable Angular Dispersion Characteristics. Materials, 2022, 15, 3686.	2.9	0
11	Ultra-dense moving cascaded metasurface holography by using a physics-driven neural network. Optics Express, 2022, 30, 24285.	3.4	7
12	Programmable Coding Metasurface Reflector for Reconfigurable Multibeam Antenna Application. IEEE Transactions on Antennas and Propagation, 2021, 69, 296-301.	5.1	51
13	Achieving Broadband Spin-Correlated Asymmetric Reflection Using a Circular Dichroitic Meta-Mirror. Annalen Der Physik, 2021, 533, 2000515.	2.4	4
14	Tunable Frequency Selective Surface With Angular Stability. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1108-1112.	4.0	15
15	Composite metasurface merging frequency selective surface and coding sequences for electromagnetic transmission-diffusion. Journal Physics D: Applied Physics, 2021, 54, 235304.	2.8	5
16	Tailoring Circular Dichroism for Simultaneous Control of Amplitude and Phase via Ohmic Dissipation Metasurface. Advanced Optical Materials, 2021, 9, 2100140.	7.3	25
17	Multidimensionally Manipulated Active Coding Metasurface by Merging Pancharatnam-Berry Phase and Dynamic Phase. Advanced Optical Materials, 2021, 9, 2100484.	7.3	17
18	Ohmic Dissipation-Assisted Complex Amplitude Hologram with High Quality. Advanced Optical Materials, 2021, 9, 2002242.	7.3	20

#	ARTICLE	IF	CITATIONS
19	Spin-selective corner reflector for retro-reflection and absorption by a circular dichroitic manner. Photonics Research, 2021, 9, 726.	7.0	11
20	Active circular dichroism coding meta-mirror for flexible beam-forming and dynamic amplitude control. Optics Express, 2021, 29, 26586.	3.4	9
21	Active meta-device for angular dispersion elimination of dual-polarized transmission windows. Optics Express, 2021, 29, 26598.	3.4	4
22	Composite Frequency Selective Structure With the Integrated Functionality of Transmission, Absorption, and Scattering. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1819-1823.	4.0	7
23	Circular dichroism assisted metadvice for efficient transmission and broadband absorption. Optics Express, 2021, 29, 36061.	3.4	2
24	Synergy of absorbing and diffusing for RCS reduction using spin-selective coding metasurfaces. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	2
25	Circular-dichroism enantiomers assisted Full-Poincaré Polarization wavefront manipulation metasurface. Optics Express, 2021, 29, 40819.	3.4	2
26	Simultaneous control of amplitude and phase via shifting isotropy to anisotropy for achieving holographic meta-mirror. Optics Express, 2021, 29, 43745.	3.4	2
27	Passive reconfigurable coding metasurface for broadband manipulation of reflective amplitude, phase and polarization states. Smart Materials and Structures, 2020, 29, 015029.	3.5	1
28	Achieving circular-to-linear polarization conversion and beam deflection simultaneously using anisotropic coding metasurfaces. Scientific Reports, 2019, 9, 12264.	3.3	15
29	Chaos-based coding metasurface for radar cross-section reduction. Journal Physics D: Applied Physics, 2019, 52, 405304.	2.8	8
30	Spin-to-Orbital Angular Momentum Conversion with Quasi-Continuous Spatial Phase Response. Advanced Optical Materials, 2019, 7, 1901188.	7.3	28
31	Multi-Beam Metasurface Antenna by Combining Phase Gradients and Coding Sequences. IEEE Access, 2019, 7, 62087-62094.	4.2	18
32	A circular-polarized metasurface planar reflector antenna based on Pancharatnam's Berry phase. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	6
33	Vortex beam generated by circular-polarized metasurface reflector antenna. Journal Physics D: Applied Physics, 2019, 52, 255306.	2.8	30
34	Design and Modeling of a Novel Transformable Land/Air Robot. International Journal of Aerospace Engineering, 2019, 2019, 1-10.	0.9	10
35	Adjustable Dual-frequency FSS-amplifier Metasurface. , 2019, , .		1
36	Dual-Band RCS Reduction Metamaterials Based on Combining Structures. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
37	Realizing high comprehensive energy storage performance in lead-free bulk ceramics <i>via</i> designing an unmatched temperature range. Journal of Materials Chemistry A, 2019, 7, 27256-27266.	10.3	223
38	A dual-band stopband FSS using knitted and strong-coupled structures with excellent angular stability and polarisation insensitivity. IET Microwaves, Antennas and Propagation, 0, , .	1.4	1