Yuxiang Jia

List of Publications by Year
in descending order

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22	252	1040056 9	1199594 12
papers	citations	h-index	g-index

22	22	22	237
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Design of Aperture-Multiplexing Metasurfaces via Back-Propagation Neural Network: Independent Control of Orthogonally-Polarized Waves. IEEE Transactions on Antennas and Propagation, 2022, 70, 4569-4575.	5.1	7
2	Design of scene-adaptive infrared camouflage emitter based on Au-VO2-Al2O3-Au metamaterials. Optics Communications, 2022, 512, 128016.	2.1	5
3	Greedy-algorithm-empowered design of wideband achromatic beam deflector based on spoof surface plasmon polariton mode. European Physical Journal Plus, 2022, 137, 1.	2.6	0
4	Single-layer Efficient Broadband Polarization Conversion Metasurface Based on Multiple Plasmon Resonances. , 2022, , .		0
5	Programmable Coding Metasurface Reflector for Reconfigurable Multibeam Antenna Application. IEEE Transactions on Antennas and Propagation, 2021, 69, 296-301.	5.1	51
6	Controllable Reflection-Enhancement Metasurfaces via Amplification Excitation of Transistor Circuit. IEEE Transactions on Antennas and Propagation, 2021, 69, 1477-1482.	5.1	18
7	Single-layer metasurface for ultra-wideband polarization conversion: bandwidth extension via Fano resonance. Scientific Reports, 2021, 11, 585.	3.3	31
8	Multifunctional full-space metasurface controlled by frequency, polarization and incidence angle. Optics Express, 2021, 29, 7544.	3.4	29
9	Linear Polarization Independent Planar Retro-reflectors Based on Anisotropic Binary Coding Theory. , 2021, , .		0
10	Loss-Assisted Metasurface at an Exceptional Point. ACS Photonics, 2020, 7, 3321-3327.	6.6	39
11	Dispersive Brewster effect on dielectrics interfaces modulated by spoof surface plasmon polaritons. Journal Physics D: Applied Physics, 2020, 53, 215003.	2.8	0
12	Multi-domain functional metasurface with selectivity of polarization in operation frequency and time. Journal Physics D: Applied Physics, 2020, 53, 495003.	2.8	7
13	eWideband transmission enhancement of electromagnetic waves through high-permittivity ceramics via magnetic metamaterial films. Materials Research Express, 2019, 6, 115805.	1.6	0
14	Dual-Band RCS Reduction Metamaterials Based on Combining Structures. , 2019, , .		0
15	Frequency Tunable Filter Patch Antenna Based on Spoof Surface Plasmon Polaritons. , 2019, , .		0
16	Lightweight ultra-wideband radar cross section reduction structure using double-layer metasurfaces. Journal Physics D: Applied Physics, 2019, 52, 115103.	2.8	10
17	Ultra-Thin Light-Weight Spoof Surface Plasmon Polariton Couplers Based on Broadside Coupled Split Ring Resonators. , 2018, , .		0
18	Enhancing Backward Scattering Using Metasurfaces. , 2018, , .		1

#	Article	IF	Citations
19	Transparent absorption-diffusion-integrated water-based all-dielectric metasurface for broadband backward scattering reduction. Journal Physics D: Applied Physics, 2018, 51, 485301.	2.8	19
20	Wideband planar retro-reflective metasurfaces for backscattering enhancement under oblique incidence. Journal Physics D: Applied Physics, 2018, 51, 335103.	2.8	15
21	Retro-reflective metasurfaces for backscattering enhancement under oblique incidence. AIP Advances, 2017, 7, .	1.3	18
22	Dual-polarization multi-angle retroreflective metasurface with bilateral transmission windows. Optics Express, 0, , .	3.4	2