Ruizhe Zhao

List of Publications by Year
in descending order

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24	1,188	471061 17	610482 24
papers	citations	h-index	g-index

24	24	24	970
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tailoring the Excited and Cutoff States of Spoof Surface Plasmon Polaritons for Full-Space Quadruple Functionalities. ACS Applied Materials & Interfaces, 2022, 14, 6230-6238.	4.0	3
2	Rotational Multiplexing Method Based on Cascaded Metasurface Holography. Advanced Optical Materials, 2022, 10, .	3.6	25
3	Controllable Polarization and Diffraction Modulated Multiâ€Functionality Based on Metasurface. Advanced Optical Materials, 2022, 10, .	3.6	17
4	Magnetically controllable holographic encryption based on a magneto-optical metasurface. Optics Express, 2022, 30, 8366.	1.7	3
5	Multiplexed Generation of Generalized Vortex Beams with Onâ€Demand Intensity Profiles Based on Metasurfaces. Laser and Photonics Reviews, 2022, 16, .	4.4	25
6	Metasurface with dynamic chiral meta-atoms for spin multiplexing hologram and low observable reflection. PhotoniX, 2022, 3, .	5.5	32
7	Independent Light Field Manipulation in Diffraction Orders of Metasurface Holography. Laser and Photonics Reviews, 2022, 16, .	4.4	16
8	Recent Advancement in Optical Metasurface: Fundament to Application. Micromachines, 2022, 13, 1025.	1.4	12
9	Polarization and Holography Recording in Realâ€and kâ€Space Based on Dielectric Metasurface. Advanced Functional Materials, 2021, 31, 2100406.	7.8	43
10	Dynamic Display of Full-Stokes Vectorial Holography Based on Metasurfaces. ACS Photonics, 2021, 8, 1746-1753.	3.2	29
11	Code Division Multiplexing Inspired Dynamic Metasurface Holography. Advanced Functional Materials, 2021, 31, 2103326.	7.8	29
12	Second harmonic imaging of plasmonic Pancharatnam-Berry phase metasurfaces coupled to monolayers of WS₂. Nanophotonics, 2020, 9, 351-360.	2.9	26
13	Recent advances in multi-dimensional metasurfaces holographic technologies. PhotoniX, 2020, 1, .	5.5	140
14	Nonlinear Wavefront Control by Geometricâ€Phase Dielectric Metasurfaces: Influence of Mode Field and Rotational Symmetry. Advanced Optical Materials, 2020, 8, 1902050.	3.6	38
15	Polarization-Encrypted Orbital Angular Momentum Multiplexed Metasurface Holography. ACS Nano, 2020, 14, 5553-5559.	7.3	155
16	Polarization Multiplexing Terahertz Metasurfaces through Spatial Femtosecond Laserâ€Shaping Fabrication. Advanced Optical Materials, 2020, 8, 2000136.	3.6	23
17	Giant polarization anisotropic optical response from anodic aluminum oxide templates embedded with plasmonic metamaterials. Optics Express, 2020, 28, 29513.	1.7	1
18	Silicon Metasurfaces for Third Harmonic Geometric Phase Manipulation and Multiplexed Holography. Nano Letters, 2019, 19, 6585-6591.	4.5	77

#	Article	IF	Citations
19	High-efficiency Bessel beam array generation by Huygens metasurfaces. Nanophotonics, 2019, 8, 1079-1085.	2.9	53
20	A Freeâ€Space Orbital Angular Momentum Multiplexing Communication System Based on a Metasurface. Laser and Photonics Reviews, 2019, 13, 1800278.	4.4	51
21	Dynamic control of mode modulation and spatial multiplexing using hybrid metasurfaces. Optics Express, 2019, 27, 18740.	1.7	13
22	Near-field plasmonic beam engineering with complex amplitude modulation based on metasurface. Applied Physics Letters, 2018, 112, .	1.5	30
23	Multichannel vectorial holographic display and encryption. Light: Science and Applications, 2018, 7, 95.	7.7	291
24	Nanoscale Polarization Manipulation and Encryption Based on Dielectric Metasurfaces. Advanced Optical Materials, 2018, 6, 1800490.	3.6	56