Ruizhe Zhao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11826814/publications.pdf

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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	Multichannel vectorial holographic display and encryption. Light: Science and Applications, 2018, 7, 95.	7.7	291
2	Polarization-Encrypted Orbital Angular Momentum Multiplexed Metasurface Holography. ACS Nano, 2020, 14, 5553-5559.	7.3	155
3	Recent advances in multi-dimensional metasurfaces holographic technologies. PhotoniX, 2020, 1, .	5.5	140
4	Silicon Metasurfaces for Third Harmonic Geometric Phase Manipulation and Multiplexed Holography. Nano Letters, 2019, 19, 6585-6591.	4.5	77
5	Nanoscale Polarization Manipulation and Encryption Based on Dielectric Metasurfaces. Advanced Optical Materials, 2018, 6, 1800490.	3.6	56
6	High-efficiency Bessel beam array generation by Huygens metasurfaces. Nanophotonics, 2019, 8, 1079-1085.	2.9	53
7	A Freeâ€Space Orbital Angular Momentum Multiplexing Communication System Based on a Metasurface. Laser and Photonics Reviews, 2019, 13, 1800278.	4.4	51
8	Polarization and Holography Recording in Realâ€and kâ€Space Based on Dielectric Metasurface. Advanced Functional Materials, 2021, 31, 2100406.	7.8	43
9	Nonlinear Wavefront Control by Geometricâ€Phase Dielectric Metasurfaces: Influence of Mode Field and Rotational Symmetry. Advanced Optical Materials, 2020, 8, 1902050.	3.6	38
10	Metasurface with dynamic chiral meta-atoms for spin multiplexing hologram and low observable reflection. PhotoniX, 2022, 3, .	5.5	32
11	Near-field plasmonic beam engineering with complex amplitude modulation based on metasurface. Applied Physics Letters, 2018, 112, .	1.5	30
12	Dynamic Display of Full-Stokes Vectorial Holography Based on Metasurfaces. ACS Photonics, 2021, 8, 1746-1753.	3.2	29
13	Code Division Multiplexing Inspired Dynamic Metasurface Holography. Advanced Functional Materials, 2021, 31, 2103326.	7.8	29
14	Second harmonic imaging of plasmonic Pancharatnam-Berry phase metasurfaces coupled to monolayers of WS₂. Nanophotonics, 2020, 9, 351-360.	2.9	26
15	Rotational Multiplexing Method Based on Cascaded Metasurface Holography. Advanced Optical Materials, 2022, 10, .	3.6	25
16	Multiplexed Generation of Generalized Vortex Beams with Onâ€Demand Intensity Profiles Based on Metasurfaces. Laser and Photonics Reviews, 2022, 16, .	4.4	25
17	Polarization Multiplexing Terahertz Metasurfaces through Spatial Femtosecond Laserâ€Shaping Fabrication. Advanced Optical Materials, 2020, 8, 2000136.	3.6	23
18	Controllable Polarization and Diffraction Modulated Multiâ€Functionality Based on Metasurface. Advanced Optical Materials, 2022, 10, .	3.6	17

#	Article	IF	Citations
19	Independent Light Field Manipulation in Diffraction Orders of Metasurface Holography. Laser and Photonics Reviews, 2022, 16, .	4.4	16
20	Dynamic control of mode modulation and spatial multiplexing using hybrid metasurfaces. Optics Express, 2019, 27, 18740.	1.7	13
21	Recent Advancement in Optical Metasurface: Fundament to Application. Micromachines, 2022, 13, 1025.	1.4	12
22	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
23	Magnetically controllable holographic encryption based on a magneto-optical metasurface. Optics Express, 2022, 30, 8366.	1.7	3
24	Giant polarization anisotropic optical response from anodic aluminum oxide templates embedded with plasmonic metamaterials. Optics Express, 2020, 28, 29513.	1.7	1