

Shuming Wang

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

3,217
citations

567144

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677027

22
g-index

26
all docs

26
docs citations

26
times ranked

2247
citing authors

#	ARTICLE	IF	CITATIONS
1	A broadband achromatic metalens in the visible. <i>Nature Nanotechnology</i> , 2018, 13, 227-232.	15.6	1,146
2	Broadband achromatic optical metasurface devices. <i>Nature Communications</i> , 2017, 8, 187.	5.8	713
3	Achromatic metalens array for full-colour light-field imaging. <i>Nature Nanotechnology</i> , 2019, 14, 227-231.	15.6	408
4	Metalens-array-based high-dimensional and multiphoton quantum source. <i>Science</i> , 2020, 368, 1487-1490.	6.0	239
5	Spectral tomographic imaging with aplanatic metalens. <i>Light: Science and Applications</i> , 2019, 8, 99.	7.7	107
6	Imaging based on metalenses. <i>Photonix</i> , 2020, 1, .	5.5	104
7	Broadband achromatic metalens in terahertz regime. <i>Science Bulletin</i> , 2019, 64, 1525-1531.	4.3	98
8	Integrated Resonant Unit of Metasurfaces for Broadband Efficiency and Phase Manipulation. <i>Advanced Optical Materials</i> , 2018, 6, 1800031.	3.6	63
9	Ultra-compact snapshot spectral light-field imaging. <i>Nature Communications</i> , 2022, 13, 2732.	5.8	52
10	Quantum photonics based on metasurfaces. <i>Opto-Electronic Advances</i> , 2021, 4, 200092-200092.	6.4	50
11	Chromatic Dispersion Manipulation Based on Metalenses. <i>Advanced Materials</i> , 2020, 32, e1904935.	11.1	46
12	Integrating the optical tweezers and spanner onto an individual single-layer metasurface. <i>Photonics Research</i> , 2021, 9, 1062.	3.4	46
13	Pixel-level Bayer-type colour router based on metasurfaces. <i>Nature Communications</i> , 2022, 13, .	5.8	41
14	Multiplexed Holograms by Surface Plasmon Propagation and Polarized Scattering. <i>Nano Letters</i> , 2017, 17, 5051-5055.	4.5	38
15	Generation and Conversion Dynamics of Dual Bessel Beams with a Photonic Spin-Dependent Dielectric Metasurface. <i>Physical Review Applied</i> , 2021, 15, .	1.5	26
16	Polarization Generation and Manipulation Based on Nonlinear Plasmonic Metasurfaces. <i>Advanced Optical Materials</i> , 2019, 7, 1801747.	3.6	12
17	The gain effect in a magnetic plasmon waveguide. <i>Applied Physics Letters</i> , 2010, 96, 113103.	1.5	6
18	Wavelength-dependent multifunctional metalens devices via genetic optimization. <i>Optical Materials Express</i> , 2021, 11, 3908.	1.6	6

#	ARTICLE	IF	CITATIONS
19	Steerable chromatic dispersive metalenses in dual bands. Journal Physics D: Applied Physics, 2022, 55, 255105.	1.3	5
20	Integrated Resonant Units: Integrated Resonant Unit of Metasurfaces for Broadband Efficiency and Phase Manipulation (Advanced Optical Materials 12/2018). Advanced Optical Materials, 2018, 6, 1870047.	3.6	4
21	Metalens in harmony with refractive optics. Science Bulletin, 2019, 64, 797-798.	4.3	3
22	Quasi-bound states in the continuum-based switchable light-field manipulator. Optical Materials Express, 2022, 12, 1232.	1.6	3
23	Multidimensional light field manipulation and applications based on optical metasurface. , 2021, , .		1
24	Meta-device for Photonics in Demand. , 2018, , .		0
25	Metalens for light field imaging. , 2019, , .		0
26	å ^{1/2} å ₁ æ ^{è%2å} •è [•] æž,,éé•œç”ç© [•] . Scientia Sinica: Physica, Mechanica Et Astronomica, 2021, , .	0.2	0