

Tunable and free-form planar optics

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Free-form micro-optical elements heat up. <i>Nature Photonics</i> , 2019, 13, 583-584.	31.4	1
2	Experimental demonstration of a continuous varifocal metalens with large zoom range and high imaging resolution. <i>Applied Physics Letters</i> , 2019, 115, .	3.3	29
3	An All-Optically Controlled Liquid-Crystal Plasmonic Metasurface Platform. <i>Laser and Photonics Reviews</i> , 2020, 14, 2000253.	8.7	25
4	Compact Optical Polarization-Insensitive Zoom Metalens Doublet. <i>Advanced Optical Materials</i> , 2020, 8, 2000142.	7.3	52
5	Microheater Actuators as a Versatile Platform for Strain Engineering in 2D Materials. <i>Nano Letters</i> , 2020, 20, 5339-5345.	9.1	29
6	Optothermotronic effect as an ultrasensitive thermal sensing technology for solid-state electronics. <i>Science Advances</i> , 2020, 6, eaay2671.	10.3	19
7	A Plasmonic Painter's Method of Color Mixing for a Continuous Red-Green-Blue Palette. <i>ACS Nano</i> , 2020, 14, 1783-1791.	14.6	58
8	Inverse Design of On-Chip Thermally Tunable Varifocal Metalens Based on Silicon Metalines. <i>IEEE Access</i> , 2021, 9, 73453-73466.	4.2	12
9	Optical vortices in nanophotonics. <i>Chinese Optics</i> , 2021, 14, 1-20.	0.6	2
10	Principles, Functions, and Applications of Optical Meta-Lens. <i>Advanced Optical Materials</i> , 2021, 9, 2001414.	7.3	112
11	Strain-Multiplex Metalens Array for Tunable Focusing and Imaging. <i>Advanced Science</i> , 2021, 8, 2003394.	11.2	13
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15	Spiral antennas for the generation of Bessel beams with tunable nondiffractive range. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 305102.	2.8	1
16	Optical Forces on an Oscillating Dipole Near VO ₂ Phase Transition. <i>Universe</i> , 2021, 7, 159.	2.5	1
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18	Dielectric Metalens: Properties and Three-Dimensional Imaging Applications. <i>Sensors</i> , 2021, 21, 4584.	3.8	18

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20	Phase profile in superposition of Bessel beam modulates local axial optical force on Rayleigh and Mie dielectric spheres. <i>Optik</i> , 2021, 242, 167032.	2.9	1
21	Metasurface Optical Characterization Using Quadriwave Lateral Shearing Interferometry. <i>ACS Photonics</i> , 2021, 8, 603-613.	6.6	21
22	Quasi-Dark Resonances in Silicon Metasurface for Refractometric Sensing and Tunable Notch Filtering. <i>Journal of Lightwave Technology</i> , 2021, 39, 6985-6993.	4.6	27
23	Recent Progress on Ultrathin Metalenses for Flat Optics. <i>IScience</i> , 2020, 23, 101877.	4.1	55
24	Prismatic discontinuous Galerkin time domain method with an integrated generalized dispersion model for efficient optical metasurface analysis. <i>Optical Materials Express</i> , 2020, 10, 2542.	3.0	4
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37	Toward a universal metasurface for optical imaging, communication, and computation. <i>Nanophotonics</i> , 2022, 11, 3745-3768.	6.0	20

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45	Volumetric imaging of fast cellular dynamics with deep learning enhanced bioluminescence microscopy. <i>Communications Biology</i> , 2022, 5, .	4.4	7
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57	Plasmonic metafibers electro-optic modulators. Light: Science and Applications, 2023, 12, .	16.6	2
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