

GaN Metalens for Pixel-Level Full-Color Routing at Visible

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Metasurface optical holography. <i>Materials Today Physics</i> , 2017, 3, 16-32.	2.9	104
2	High-efficiency and low-loss gallium nitride dielectric metasurfaces for nanophotonics at visible wavelengths. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	42
3	Tunable Dielectric Metasurfaces Based on the Variation of the Refractive Index of the Environment. <i>JETP Letters</i> , 2017, 106, 709-715.	0.4	7
4	Nanoapertures with ordered rotations: symmetry transformation and wide-angle flat lensing. <i>Optics Express</i> , 2017, 25, 31471.	1.7	114
5	Integrated Resonant Unit of Metasurfaces for Broadband Efficiency and Phase Manipulation. <i>Advanced Optical Materials</i> , 2018, 6, 1800031.	3.6	63
6	Polarization Encoded Color Image Embedded in a Dielectric Metasurface. <i>Advanced Materials</i> , 2018, 30, e1707499.	11.1	198
7	Subwavelength Optical Engineering with Metasurface Waves. <i>Advanced Optical Materials</i> , 2018, 6, 1701201.	3.6	148
8	All-dielectric meta-optics and non-linear nanophotonics. <i>National Science Review</i> , 2018, 5, 144-158.	4.6	173
9	A broadband achromatic metalens in the visible. <i>Nature Nanotechnology</i> , 2018, 13, 227-232.	15.6	1,146
10	Dynamic Beam Switching by Liquid Crystal Tunable Dielectric Metasurfaces. <i>ACS Photonics</i> , 2018, 5, 1742-1748.	3.2	248
11	Multiplane Illumination Enabled by Fourier-Transform Metasurfaces for High-Speed Light-Sheet Microscopy. <i>ACS Photonics</i> , 2018, 5, 1676-1684.	3.2	16
12	Multifunctional Metamirror: Polarization Splitting and Focusing. <i>ACS Photonics</i> , 2018, 5, 1648-1653.	3.2	88
13	All-Dielectric Meta-Holograms with Holographic Images Transforming Longitudinally. <i>ACS Photonics</i> , 2018, 5, 599-606.	3.2	58
14	Visible Metasurfaces for On-Chip Polarimetry. <i>ACS Photonics</i> , 2018, 5, 2568-2573.	3.2	114
15	Light Manipulation at Compact Scale via all-Dielectric Metasurfaces. , 2018, , .		2
16	Design of aluminum nitride metalens for broadband ultraviolet incidence routing. <i>Nanophotonics</i> , 2018, 8, 171-180.	2.9	49
17	Multilayer Noninteracting Dielectric Metasurfaces for Multiwavelength Metaoptics. <i>Nano Letters</i> , 2018, 18, 7529-7537.	4.5	187
18	Coherent Pixel Design of Metasurfaces for Multidimensional Optical Control of Multiple Printing Image Switching and Encoding. <i>Advanced Functional Materials</i> , 2018, 28, 1805306.	7.8	107

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19	Polarisation insensitive multifunctional metasurfaces based on all-dielectric nanowaveguides. <i>Nanoscale</i> , 2018, 10, 18323-18330.	2.8	98
20	Invited Article: Nano-kirigami metasurfaces by focused-ion-beam induced close-loop transformation. <i>APL Photonics</i> , 2018, 3, .	3.0	31
21	High numerical aperture multifocal metalens based on Pancharatnamâ€™Berry phase optical elements. <i>Applied Optics</i> , 2018, 57, 7891.	0.9	18
22	Metalenses Based on Symmetric Slab Waveguide and c-TiO2: Efficient Polarization-Insensitive Focusing at Visible Wavelengths. <i>Nanomaterials</i> , 2018, 8, 699.	1.9	14
23	Polarization-selective dual-wavelength gap-surface plasmon metasurfaces. <i>Optics Express</i> , 2018, 26, 23760.	1.7	10
24	Optical metasurfaces: new generation building blocks for multi-functional optics. <i>Light: Science and Applications</i> , 2018, 7, 58.	7.7	176
25	A review of dielectric optical metasurfaces for wavefront control. <i>Nanophotonics</i> , 2018, 7, 1041-1068.	2.9	473
26	Geometric Metasurfaces for Ultrathin Optical Devices. <i>Advanced Optical Materials</i> , 2018, 6, 1800348.	3.6	58
27	Ultra-high Numerical Aperture Metalens at Visible Wavelengths. <i>Nano Letters</i> , 2018, 18, 4460-4466.	4.5	187
28	Demonstration of color display metasurfaces via immersion lithography on a 12-inch silicon wafer. <i>Optics Express</i> , 2018, 26, 19548.	1.7	55
29	Theory of microscopic meta-surface waves based on catenary optical fields and dispersion. <i>Optics Express</i> , 2018, 26, 19555.	1.7	61
30	Broadband transparent and CMOS-compatible flat optics with silicon nitride metasurfaces [Invited]. <i>Optical Materials Express</i> , 2018, 8, 2330.	1.6	58
31	Optical field manipulation by dual magnetic resonances of a silicon metasurface. <i>Optics Letters</i> , 2018, 43, 3782.	1.7	1
32	Advances in optical metasurfaces: fabrication and applications [Invited]. <i>Optics Express</i> , 2018, 26, 13148.	1.7	235
33	High-Efficiency Metasurfaces: Principles, Realizations, and Applications. <i>Advanced Optical Materials</i> , 2018, 6, 1800415.	3.6	250
34	Geometric metasurface enabling polarization independent beam splitting. <i>Scientific Reports</i> , 2018, 8, 9468.	1.6	53
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44	A Multi-Foci Metalens with Polarization-Rotated Focal Points. Laser and Photonics Reviews, 2019, 13, 1900182.	4.4	124
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56	High-Sensitivity Color Imaging Using Pixel-Scale Color Splitters Based on Dielectric Metasurfaces. <i>ACS Photonics</i> , 2019, 6, 1442-1450.	3.2	41
57	Metasurfaces for Near-Eye Augmented Reality. <i>ACS Photonics</i> , 2019, 6, 864-870.	3.2	57
58	An Etching-Free Approach Toward Large-Scale Light-Emitting Metasurfaces. <i>Advanced Optical Materials</i> , 2019, 7, 1801271.	3.6	37
59	A Spin-Encoded All-Dielectric Metahologram for Visible Light. <i>Laser and Photonics Reviews</i> , 2019, 13, 1900065.	4.4	95
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74	Polarization-insensitive Metalens with Extended Focal Depth and Longitudinal High-Tolerance Imaging. <i>Advanced Optical Materials</i> , 2020, 8, 1901342.	3.6	64
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94	Highly Efficient All-dielectric Metasurfaces for Airy Beam Generation in Visible Domain. , 2020, , .		6
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