

Ming Chen

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

2,357
citations

361413

20
h-index

214800

47
g-index

80
all docs

80
docs citations

80
times ranked

2003
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable and switchable bifunctional meta-surface for plasmon-induced transparency and perfect absorption. <i>Optical Materials Express</i> , 2022, 12, 560.	3.0	16
2	A Temperature Sensor Based on Composite Optical Waveguide. <i>Journal of Lightwave Technology</i> , 2022, 40, 2663-2669.	4.6	10
3	Design and Analysis of a Photon Counting System Using Covered Single-Photon Avalanche Photodiode. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-9.	4.7	6
4	High-temperature-sensitive and spectrum-contrast-enhanced sensor using a bullet-shaped fiber cavity filled with PDMS. <i>Optics Express</i> , 2022, 30, 12316.	3.4	6
5	Ultrafast metamaterial all-optical switching based on coherent modulation. <i>Optics Express</i> , 2022, 30, 9284.	3.4	4
6	Highly Sensitive Curvature and Temperature Sensor Based on Double Groove Structure and Hollow Core Fiber. <i>IEEE Sensors Journal</i> , 2022, 22, 9454-9461.	4.7	5
7	Multifunctional analysis and verification of lightning-type electromagnetic metasurfaces. <i>Optics Express</i> , 2022, 30, 17008.	3.4	11
8	Temperature-Compensated Multi-Point Strain Sensing Based on Cascaded FBG and Optical FMCW Interferometry. <i>Sensors</i> , 2022, 22, 3970.	3.8	7
9	An All-Optical Vector Magnetic Field Sensor Based on Magnetic Fluid and Side-Polished Hollow-Core Optical Fiber. <i>IEEE Sensors Journal</i> , 2021, 21, 21410-21416.	4.7	19
10	Wide-range tunable, dual-band, background refractive index insensitive terahertz absorber based on graphene and Dirac semimetal. <i>Optical Engineering</i> , 2021, 60, .	1.0	3
11	Design and Analysis of an Afterpulsing Auto-Correction System for Single Photon Avalanche Diodes. <i>IEEE Photonics Technology Letters</i> , 2021, 33, 293-296.	2.5	5
12	Tunable circular dichroism based on graphene-metal split ring resonators. <i>Optics Express</i> , 2021, 29, 21020.	3.4	19
13	Dual-color meta-image display with a silver nanopolarizer based metasurface. <i>Optics Express</i> , 2021, 29, 25894.	3.4	5
14	All-Fiber Optical Waveform Converter Based on Deformed Catenary Nanostructure. <i>Advanced Photonics Research</i> , 2021, 2, 2100042.	3.6	6
15	Broadband tunable perfect absorber with high absorptivity based on double layer graphene. <i>Optical Materials Express</i> , 2021, 11, 3398.	3.0	10
16	A novel quadruple-spaced multiwavelength Brillouin-erbium fiber laser. <i>Laser Physics Letters</i> , 2021, 18, 115102.	1.4	4
17	Design of a Real-Time Breakdown Voltage and On-Chip Temperature Monitoring System for Single Photon Avalanche Diodes. <i>Electronics (Switzerland)</i> , 2021, 10, 25.	3.1	2
18	Ultra-broadband perfect solar energy absorber based on tungsten ring arrays. <i>Engineering Research Express</i> , 2021, 3, 045020.	1.6	6

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19	Ultracompact metaimage display and encryption with a silver nanopolarizer based metasurface. Applied Physics Letters, 2020, 117, 021105.	3.3	12
20	Design and Implementation of a Compact Single-Photon Counting Module. Electronics (Switzerland), 2020, 9, 1131.	3.1	2
21	Coherent Perfect Absorber Based on Antisymmetric Metasurface With Gain Material. IEEE Photonics Journal, 2020, 12, 1-9.	2.0	1
22	Wide-range frequency tunable absorber based on cross-groove metamaterials and graphene-sheet. Journal Physics D: Applied Physics, 2020, 53, 255102.	2.8	4
23	Spin-orbital coupling of quadratic-power-exponent-phase vortex beam propagating in a uniaxial crystal. Optics Express, 2020, 28, 216.	3.4	6
24	Metasurface lens with angular modulation for extended depth of focus imaging. Optics Letters, 2020, 45, 611.	3.3	20
25	Circular Airy Beam Shaping by Annular Arrayed-Core Fiber. Journal of Lightwave Technology, 2019, 37, 4844-4850.	4.6	6
26	High Dynamic Range Photo-Detection Module Using On-Chip Dual Avalanche Photodiodes. IEEE Photonics Technology Letters, 2019, 31, 1940-1943.	2.5	4
27	A SPAD-Based Configurable Photon Counting System. IEEE Photonics Journal, 2019, 11, 1-8.	2.0	3
28	Vortex Beam Encoded All-Optical Logic Gates Based on Nano-Ring Plasmonic Antennas. Nanomaterials, 2019, 9, 1649.	4.1	5
29	Reconfigurable step-zoom metalens without optical and mechanical compensations. Optics Express, 2019, 27, 12221.	3.4	51
30	Wideband circular polarization converter based on graphene metasurface at terahertz frequencies. Optical Engineering, 2019, 58, 1.	1.0	7
31	Polarization controllable generation of flat superimposed OAM states based on metasurface. Optics Express, 2019, 27, 20133.	3.4	15
32	Ultracompact, high-resolution and continuous grayscale image display based on resonant dielectric metasurfaces. Optics Express, 2019, 27, 27927.	3.4	40
33	Dynamically tunable polarization-independent terahertz absorber based on bulk Dirac semimetals. OSA Continuum, 2019, 2, 2477.	1.8	7
34	Reconfigurable continuous-zoom metalens in visible band. Chinese Optics Letters, 2019, 17, 111603.	2.9	32
35	Difference frequency sideband generation in semiconductors. OSA Continuum, 2019, 2, 244.	1.8	0
36	Linkage-FFD algorithm for dental crown and abutment shape design. Computer-Aided Design and Applications, 2018, 15, 532-541.	0.6	0

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37	Polarization Encoded Color Image Embedded in a Dielectric Metasurface. <i>Advanced Materials</i> , 2018, 30, e1707499.	21.0	198
38	All-dielectric metasurfaces for circularly polarized beam-splitters with high conversion efficiency and broad bandwidth. <i>Optik</i> , 2018, 165, 41-49.	2.9	12
39	Multifunctional Light Sword Metasurface Lens. <i>ACS Photonics</i> , 2018, 5, 1794-1799.	6.6	81
40	High-Efficiency All-Dielectric Metasurfaces for Broadband Polarization Conversion. <i>Plasmonics</i> , 2018, 13, 21-29.	3.4	20
41	Liquid Level Sensor Based on a V-Groove Structure Plastic Optical Fiber. <i>Sensors</i> , 2018, 18, 3111.	3.8	26
42	Proposed phase plate for superimposed orbital angular momentum state generation. <i>Optics Express</i> , 2018, 26, 14792.	3.4	16
43	Frequency-Tunable Mid-Infrared Cross Polarization Converters Based on Graphene Metasurface. <i>Plasmonics</i> , 2017, 12, 699-705.	3.4	33
44	Plasmonic quarter-wave plate with U-shaped nanopatches. <i>Optik</i> , 2017, 134, 179-186.	2.9	5
45	High-efficiency and multi-frequency polarization converters based on graphene metasurface with twisting double L-shaped unit structure array. <i>Optics Communications</i> , 2017, 394, 50-55.	2.1	19
46	Wideband Tunable Cross Polarization Converter Based on a Graphene Metasurface With a Hollow-Carved ϵ -Array. <i>IEEE Photonics Journal</i> , 2017, 9, 1-11.	2.0	36
47	Multichannel Metasurface for Simultaneous Control of Holograms and Twisted Light Beams. <i>ACS Photonics</i> , 2017, 4, 1906-1912.	6.6	70
48	Frequency-tunable terahertz absorbers based on graphene metasurface. <i>Optics Communications</i> , 2017, 382, 144-150.	2.1	73
49	Bandwidth broadening of a graphene-based circular polarization converter by phase compensation. <i>Optics Express</i> , 2017, 25, 23945.	3.4	43
50	A symmetric terahertz graphene-based hybrid plasmonic waveguide. <i>Optics Communications</i> , 2016, 376, 41-46.	2.1	21
51	Tunable microwave generation method based on birefringence photonic crystal fiber. <i>Optik</i> , 2016, 127, 5990-5999.	2.9	3
52	Metasurface Device with Helicity-Dependent Functionality. <i>Advanced Optical Materials</i> , 2016, 4, 321-327.	7.3	107
53	Longitudinal Multifoci Metalens for Circularly Polarized Light. <i>Advanced Optical Materials</i> , 2015, 3, 1201-1206.	7.3	203
54	Metasurface for characterization of the polarization state of light. <i>Optics Express</i> , 2015, 23, 10272.	3.4	104

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55	Helicity multiplexed broadband metasurface holograms. Nature Communications, 2015, 6, 8241.	12.8	755
56	Quasidistributed fiber Bragg grating sensor network based on self-heterodyne detection technique. Optical Engineering, 2014, 53, 057107.	1.0	3
57	Propagation Properties Analysis of a Surface Plasmonic Waveguide with Two Wedges Separated by a Nano-gap. Journal of Optical Communications, 2014, 35, .	4.7	2
58	Research on terahertz photonic crystal fiber characteristics with high birefringence. Optik, 2014, 125, 154-158.	2.9	2
59	High birefringence terahertz photonic crystal fiber. Optical Engineering, 2013, 52, 014004.	1.0	7
60	A novel repeat accumulate codes for 40-Gb/s OFDM-ROF systems. , 2013, , .		0
61	Wavelength conversion based on high nonlinear microstructured fiber. Optik, 2012, 123, 502-506.	2.9	0
62	Frequency-tunable terahertz electromagnetic pulses generation based on an optical Fabry-Perot microresonator with variable birefringence material. Microwave and Optical Technology Letters, 2011, 53, 2879-2882.	1.4	0
63	Wavelength conversion technique based on self phase modulation in highly nonlinear microstructure fiber. Optoelectronics Letters, 2010, 6, 278-280.	0.8	2
64	New high negative dispersion photonic crystal fiber. Optik, 2010, 121, 867-871.	2.9	32
65	Design of a new type high birefringence photonic crystal fiber. Optoelectronics Letters, 2008, 4, 19-22.	0.8	18
66	PMD compensation using birefringence photonic crystal fiber in 40Gbit/s optical communication system. Optoelectronics Letters, 2008, 4, 30-32.	0.8	3
67	New nonlinear and dispersion flattened photonic crystal fiber with low confinement loss. Optics Communications, 2008, 281, 2073-2076.	2.1	32
68	Slow-light delay enhancement in small-core pure silica photonic crystal fiber based on Brillouin scattering. Optics Letters, 2008, 33, 95.	3.3	28
69	Simultaneous monitoring method for chromatic dispersion and polarization mode dispersion based on polarization modulation. Journal of Optics, 2007, 9, 320-324.	1.5	1
70	Chromatic dispersion monitoring method based on semiconductor optical amplifier spectral shift in 40Gbit/s optical communication systems. Optical Engineering, 2007, 46, 115008.	1.0	2
71	Chromatic dispersion and PMD monitoring and compensation techniques studies in optical communication systems with single channel speed 40Gbit/s and CSRZ format. Optics Express, 2007, 15, 7667.	3.4	6
72	Eye-protection glasses against YAG laser injury based on the band gap reflection of one-dimensional photonic crystal. Optics and Laser Technology, 2007, 39, 214-218.	4.6	16

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73	An chromatic dispersion monitoring method based on spectral-shift of SOA. Optoelectronics Letters, 2007, 3, 359-362.	0.8	1
74	Optical bistable device based on one-dimensional photonic crystal waveguide. Optics Communications, 2005, 255, 46-50.	2.1	12
75	OPTICAL BISTABILITY SWITCHING PROPERTY IN ONE-DIMENSIONAL NONLINEAR PHOTONIC CRYSTAL. Journal of Nonlinear Optical Physics and Materials, 2005, 14, 41-48.	1.8	2
76	DYNAMICAL ADDRESSING OPTICAL INTERCONNECTION BASED ON ONE-DIMENSIONAL NONLINEAR PHOTONIC CRYSTAL. Journal of Nonlinear Optical Physics and Materials, 2005, 14, 461-468.	1.8	1
77	Optical limiter with an organic solution sandwiched between a polymer slab and a polymer grating. Applied Optics, 2005, 44, 4976.	2.1	2
78	Chromatic Dispersion Monitoring Method Based on Semiconductor Optical Amplifier Spectral Shift in 40 Gbit/s Optical Communication Systems. , 0, , .		0