Zhongyi Guo

List of Publications by Year
in descending order

158	4,087	117571	175177
papers	citations	34 h-index	52 g-index

158	158	158	3520
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multiband tunable thermal camouflage compatible with laser camouflage based on GST plasmonic metamaterial. Journal Physics D: Applied Physics, 2022, 55, 065103.	1.3	23
2	Detecting targetsâ€™ longitudinal and angular accelerations based on vortex electromagnetic waves. Measurement: Journal of the International Measurement Confederation, 2022, 187, 110278.	2.5	13
3	Recent advances and emerging trends of rare-earth-ion doped spectral conversion nanomaterials in perovskite solar cells. Journal of Rare Earths, 2022, 40, 1651-1667.	2.5	19
4	OAM radar based fast super-resolution imaging. Measurement: Journal of the International Measurement Confederation, 2022, 189, 110600.	2.5	18
5	Tunable oriented mid-infrared wave based on metasurface with phase change material of GST. Results in Physics, 2022, 34, 105269.	2.0	17
6	High-Performance Polarization Remote Sensing With the Modified U-Net Based Deep-Learning Network. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-10.	2.7	9
7	Controllable second harmonic generation based on topological spin-dependent edge states. Journal of Applied Physics, 2022, 131, 113101.	1.1	2
8	High-performance scanning-mode polarization based computational ghost imaging (SPCGI). Optics Express, 2022, 30, 17909.	1.7	14
9	Broadband achromatic metalens with polarization insensitivity in the mid-infrared range. Optical Materials, 2022, 131, 112489.	1.7	10
10	Channel Condition and Outage Performance of Mode-Division-Multiplexing Enabled MIMO System With Zero-Forcing Receiver. IEEE Communications Letters, 2022, 26, 2390-2394.	2.5	1
11	Layer-by-Layer Titanium (IV) Chloride Treatment of TiO2 Films to Improve Solar Energy Harvesting in Dye-Sensitized Solar Cells. Journal of Electronic Materials, 2021, 50, 613-619.	1.0	6
12	Throughput Performance of Wireless Multiple-Input Multiple-Output Systems Using OAM Antennas. IEEE Wireless Communications Letters, 2021, 10, 261-265.	3.2	18
13	Sensing Applications of Atomically Thin Group IV Carbon Siblings Xenes: Progress, Challenges, and Prospects. Advanced Functional Materials, 2021, 31, 2005957.	7.8	37
14	Feature Fusion Based on Bayesian Decision Theory for Radar Deception Jamming Recognition. IEEE Access, 2021, 9, 16296-16304.	2.6	21
15	Optimizing zinc oxide nanorods based DSSC employing different growth conditions and SnO coating. Journal of Materials Science: Materials in Electronics, 2021, 32, 2366-2372.	1.1	5
16	Novel synthesis, properties and applications of emerging group VA two-dimensional monoelemental materials (2D-Xenes). Materials Chemistry Frontiers, 2021, 5, 6333-6391.	3.2	18
17	Depolarization Characteristics of Different Reflective Interfaces Indicated by Indices of Polarimetric Purity (IPPs). Sensors, 2021, 21, 1221.	2.1	15
18	Enhanced magnetic Lorentz force second harmonic generation originating from a double-resonances plasmonic metasurface. Journal Physics D: Applied Physics, 2021, 54, 175110.	1.3	3

#	Article	IF	Citations
19	Impact of drying temperature on the photovoltaic performance and impedance spectra of hole transport material free air processed perovskite solar cells. Journal of Materials Science: Materials in Electronics, 2021, 32, 5353-5360.	1.1	1
20	Measuring glucose concentration in a solution based on the indices of polarimetric purity. Biomedical Optics Express, 2021, 12, 2447.	1.5	16
21	High-efficiency and high-precision identification of transmitting orbital angular momentum modes in atmospheric turbulence based on an improved convolutional neural network. Journal of Optics (United Kingdom), 2021, 23, 065701.	1.0	21
22	High-Efficiency Spin-Related Vortex Metalenses. Nanomaterials, 2021, 11, 1485.	1.9	21
23	Second Harmonic Generation Enhancement From Plasmonic Toroidal Resonance in Core-Shell Nanodisk. IEEE Photonics Journal, 2021, 13, 1-9.	1.0	8
24	Multi-Beam Steering for 6G Communications Based on Graphene Metasurfaces. Sensors, 2021, 21, 4784.	2.1	23
25	Helmholtzâ€Resonator Metasurface Based Highâ€Efficiency Acoustic Focusing Lens. Annalen Der Physik, 2021, 533, 2100218.	0.9	7
26	Application of MXenes in Perovskite Solar Cells: A Short Review. Nanomaterials, 2021, 11, 2151.	1.9	29
27	Manipulating Second Harmonic Generation in Higherâ€Order Topological Photonic Crystals. Annalen Der Physik, 2021, 533, 2100191.	0.9	9
28	Novel emerging graphdiyne based two dimensional materials: Synthesis, properties and renewable energy applications. Nano Today, 2021, 39, 101207.	6.2	49
29	Second harmonic generation enhancement and directional emission from topological corner state based on the quantum spin Hall effect. Optics Express, 2021, 29, 26841.	1.7	14
30	Design and Finite Element Simulation Research on a Brushless Air-Core Compensated Pulse Alternator With One Equivalent Pole-Pair. IEEE Transactions on Plasma Science, 2021, 49, 2823-2830.	0.6	2
31	Navigating recent advances in monoelemental materials (Xenes)-fundamental to biomedical applications. Progress in Solid State Chemistry, 2021, 63, 100326.	3.9	20
32	Improving the demultiplexing performances of the multiple Bessel Gaussian beams (mBGBs). Results in Physics, 2021, 30, 104829.	2.0	10
33	Tunable Thermal Camouflage Based on GST Plasmonic Metamaterial. Nanomaterials, 2021, 11, 260.	1.9	46
34	Hysteresis Analysis of Hole-Transport-Material-Free Monolithic Perovskite Solar Cells with Carbon Counter Electrode by Current Densityâ€“Voltage and Impedance Spectra Measurements. Nanomaterials, 2021, 11, 48.	1.9	15
35	Real-Time High-Performance Laser Welding Defect Detection by Combining ACGAN-Based Data Enhancement and Multi-Model Fusion. Sensors, 2021, 21, 7304.	2.1	9
36	Tunable topological valley Hall edge state based on large optical Kerr effect. Journal of Applied Physics, 2021, 130, 203105.	1.1	3

#	Article	IF	Citations
37	Multiplexed multi-focal and multi-dimensional SHE (spin Hall effect) metalens. Optics Express, 2021, 29, 43270.	1.7	23
38	OAM mode recognition based on joint scheme of combining the Gerchbergâ€“Saxton (GS) algorithm and convolutional neural network (CNN). Optics Communications, 2020, 456, 124696.	1.0	40
39	Going green with batteries and supercapacitor: Two dimensional materials and their nanocomposites based energy storage applications. Progress in Solid State Chemistry, 2020, 58, 100254.	3.9	87
40	Recent developments in emerging two-dimensional materials and their applications. Journal of Materials Chemistry C, 2020, 8, 387-440.	2.7	501
41	Ultrathin Polymer Nanofibrils for Solar-Blind Deep Ultraviolet Light Photodetectors Application. Nano Letters, 2020, 20, 644-651.	4.5	38
42	Performances of Polarization-Retrieve Imaging in Stratified Dispersion Media. Remote Sensing, 2020, 12, 2895.	1.8	19
43	Tunable GST metasurfaces for chromatic aberration compensation in the mid-infrared. Optical Materials, 2020, 109, 110284.	1.7	28
44	Tunable second harmonic generation from bianisotropic plasmonic metamolecule via utilizing phase change materials. Journal of Applied Physics, 2020, 128, .	1.1	3
45	Progress towards High-Efficiency and Stable Tin-Based Perovskite Solar Cells. Energies, 2020, 13, 5092.	1.6	35
46	Measuring the topological charges of acoustic vortices by apertures. Journal of the Acoustical Society of America, 2020, 148, 167-173.	0.5	12
47	Generating and Detecting Broad-Band Underwater Multiple OAMs Based on Water-Immersed Array. IEEE Access, 2020, 8, 149586-149594.	2.6	4
48	Artificial Carbon Graphdiyne: Status and Challenges in Nonlinear Photonic and Optoelectronic Applications. ACS Applied Materials & Interfaces, 2020, 12, 49281-49296.	4.0	16
49	Graphene-Integrated Plasmonics Metasurface for Active Controlling Artificial Second Harmonic Generation. IEEE Access, 2020, 8, 159879-159886.	2.6	3
50	Recent Progress, Challenges, and Prospects in Two-Dimensional Photo-Catalyst Materials and Environmental Remediation. Nano-Micro Letters, 2020, 12, 167.	14.4	57
51	Irrotational Nanobricks Based High-Efficiency Polarization-Independence Metasurfaces. IEEE Photonics Journal, 2020, 12, 1-8.	1.0	3
52	Synthesis, properties and novel electrocatalytic applications of the 2D-borophene Xenes. Progress in Solid State Chemistry, 2020, 59, 100283.	3.9	65
53	A SERS stamp: Multiscale coupling effect of silver nanoparticles and highly ordered nano-micro hierarchical substrates for ultrasensitive explosive detection. Sensors and Actuators B: Chemical, 2020, 321, 128543.	4.0	31
54	A dynamically tunable and wide-angle terahertz absorber based on graphene-dielectric grating. Modern Physics Letters B, 2020, 34, 2050292.	1.0	11

#	Article	IF	Citations
55	Light trapping induced flexible wrinkled nanocone SERS substrate for highly sensitive explosive detection. Sensors and Actuators B: Chemical, 2020, 314, 128081.	4.0	62
56	Broad-Band Multiple OAMsâ€™ Generation With Eight-Arm Archimedean Spiral Antenna (ASA). IEEE Access, 2020, 8, 53232-53239.	2.6	14
57	Generation of Mode-Reconfigurable and Frequency-Adjustable OAM Beams Using Dynamic Reflective Metasurface. IEEE Access, 2020, 8, 75523-75529.	2.6	23
58	Analyzing Polarization Transmission Characteristics in Foggy Environments Based on the Indices of Polarimetric Purity. IEEE Access, 2020, 8, 227703-227709.	2.6	15
59	MXene saturable absorber enabled hybrid mode-locking technology: a new routine of advancing femtosecond fiber lasers performance. Nanophotonics, 2020, 9, 2451-2458.	2.9	50
60	Perfect Optical Vortex Beam for Optical Communication. , 2020, , .		1
61	The performances of different OAM encoding systems. Optics Communications, 2019, 430, 151-157.	1.0	42
62	Low-Cost Dual-Band Multipolarization Aperture-Shared Antenna With Single-Layer Substrate. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1337-1341.	2.4	7
63	Generating Circularly Polarized Vortex Electromagnetic Waves by the Conical Conformal Patch Antenna. IEEE Transactions on Antennas and Propagation, 2019, 67, 5763-5771.	3.1	46
64	Tunable Beam Steering, Focusing and Generating of Orbital Angular Momentum Vortex Beams Using High-Order Patch Array. Applied Sciences (Switzerland), 2019, 9, 2949.	1.3	14
65	Broad-Band Transmission Characteristics of Polarizations in Foggy Environments. Atmosphere, 2019, 10, 342.	1.0	18
66	Generating Multiple OAM Based on a Nested Dual-Arm Spiral Antenna. IEEE Access, 2019, 7, 138541-138547.	2.6	27
67	Enhanced Second-Harmonic Generation from Fanolike Resonance in an Asymmetric Homodimer of Gold Elliptical Nanodisks. ACS Omega, 2019, 4, 1757-1762.	1.6	7
68	Spin-Selected Dual-Wavelength Plasmonic Metalenses. Nanomaterials, 2019, 9, 761.	1.9	30
69	Retrieving Performances of Vortex Beams with GS Algorithm after Transmitting in Different Types of Turbulences. Applied Sciences (Switzerland), 2019, 9, 2269.	1.3	21
70	Theoretical analysis and simulation of a tunable mid-infrared filter based on Ge2Sb2Te5 (GST) metasurface. Superlattices and Microstructures, 2019, 132, 106169.	1.4	23
71	Efficient Recognition of the Propagated Orbital Angular Momentum Modes in Turbulences With the Convolutional Neural Network. IEEE Photonics Journal, 2019, 11, 1-14.	1.0	54
72	A Fast Forward Full-Duplex Cooperative Relay Scheme for Securing Wireless Communications. IEEE Signal Processing Letters, 2019, 26, 775-779.	2.1	9

#	Article	IF	Citations
73	To Establish a Secure Channel From a Full-Duplex Transmitter to a Half-Duplex Receiver: An Artificial-Noise-Aided Scheme. IEEE Wireless Communications Letters, 2019, 8, 480-483.	3.2	5
74	Generation of Continuously Variable-Mode Vortex Electromagnetic Waves With Three-Dimensional Helical Antenna. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1091-1095.	2.4	35
75	High-efficiency sorting and measurement of orbital angular momentum modes based on the Marchâ€“Zehnder interferometer and complex phase gratings. Measurement Science and Technology, 2019, 30, 075201.	1.4	7
76	An Inner- and Outer-Fed Dual-Arm Archimedean Spiral Antenna for Generating Multiple Orbital Angular Momentum Modes. Electronics (Switzerland), 2019, 8, 251.	1.8	19
77	THz filter based on the Si microdisk array. AIP Advances, 2019, 9, 045106.	0.6	6
78	The Enhanced Secondâ€Harmonic Generation Based on Magneticâ€Lorentzâ€Force Effect. Annalen Der Physik, 2019, 531, 1800470.	0.9	6
79	High-Efficiency Full-Vector Polarization Analyzer Based on GaN Metasurface. IEEE Sensors Journal, 2019, 19, 3654-3659.	2.4	32
80	Broadband Achromatic Metalens in the Midinfrared Range. Physical Review Applied, 2019, 11, .	1.5	72
81	Adaptive Demodulation Technique for Efficiently Detecting Orbital Angular Momentum (OAM) Modes Based on the Improved Convolutional Neural Network. IEEE Access, 2019, 7, 163633-163643.	2.6	30
82	High-order acoustic vortex field generation based on a metasurface. Physical Review E, 2019, 100, 053315.	0.8	34
83	High-Efficiency and Broadband Near-Infrared Bi-Functional Metasurface Based on Rotary Different-Size Silicon Nanobricks. Nanomaterials, 2019, 9, 1744.	1.9	21
84	Generation of acoustic vortex beams with designed Fermat's spiral diffraction grating. Journal of the Acoustical Society of America, 2019, 146, 4237-4243.	0.5	27
85	Novel Two-Dimensional Carbonâ€“Chromium Nitride-Based Composite as an Electrocatalyst for Oxygen Reduction Reaction. Frontiers in Chemistry, 2019, 7, 738.	1.8	34
86	Designing a Water-Immersed Rectangular Horn Antenna for Generating Underwater OAM Waves. Electronics (Switzerland), 2019, 8, 1224.	1.8	6
87	Fe-doped mayenite electride composite with 2D reduced Graphene Oxide: As a non-platinum based, highly durable electrocatalyst for Oxygen Reduction Reaction. Scientific Reports, 2019, 9, 19809.	1.6	38
88	High-density Orbital Angular Momentum mode analyzer based on the mode converters combining with the modified Machâ€“Zehnder interferometer. Optics Communications, 2019, 435, 441-448.	1.0	18
89	Facile Synthesis of Mayenite Electride Nanoparticles Encapsulated in Graphitic Shells Like Carbon Nano Onions: Non-noble-metal Electrocatalysts for Oxygen Reduction Reaction (ORR). Frontiers in Chemistry, 2019, 7, 934.	1.8	27
90	Tunable THz generalized Weyl points. Optics Express, 2019, 27, 512.	1.7	5

#	Article	IF	Citations
91	The depolarization performances of scattering systems based on the Indices of Polarimetric Purity (IPPs). Optics Express, 2019, 27, 28337.	1.7	19
92	The Depolarization Performances of the Polarized Light in Different Scattering Media Systems. IEEE Photonics Journal, 2018, 10, 1-12.	1.0	28
93	Bias-scanning based tunable LSPR sensor. Physical Chemistry Chemical Physics, 2018, 20, 2146-2150.	1.3	8
94	Polarization imaging performances based on different retrieving Mueller matrixes. Optik, 2018, 153, 50-57.	1.4	12
95	High-efficiency terahertz polarization devices based on the dielectric metasurface. Superlattices and Microstructures, 2018, 114, 75-81.	1.4	23
96	Generation of Multi-mode Vortex Electromagnetic Waves Based on Helical Antenna. , 2018, , .		1
97	Ultrathin Microwave Devices for Polarization-Dependent Wavefront Shaping Based on an Anisotropic Metasurface. Applied Sciences (Switzerland), 2018, 8, 2471.	1.3	4
98	Design of a Novel Multiband Miniaturized Cylindrical Conformal Microstrip Antenna. , 2018, , .		1
99	Dielectric Metasurface-Based High-Efficiency Mid-Infrared Optical Filter. Nanomaterials, 2018, 8, 938.	1.9	35
100	Active-Tuning and Polarization-Independent Absorber and Sensor in the Infrared Region Based on the Phase Change Material of Ge2Sb2Te5 (GST). Scientific Reports, 2018, 8, 12433.	1.6	62
101	Actively Tunable Terahertz Switches Based on Subwavelength Graphene Waveguide. Nanomaterials, 2018, 8, 665.	1.9	20
102	The Orbital Angular Momentum Encoding System With Radial Indices of Laguerreâ€“Gaussian Beam. IEEE Photonics Journal, 2018, 10, 1-11.	1.0	43
103	High-efficiency dielectric metasurfaces for simultaneously engineering polarization and wavefront. Journal of Materials Chemistry C, 2018, 6, 6354-6359.	2.7	22
104	High-efficiency terahertz dual-function devices based on the dielectric metasurface. Superlattices and Microstructures, 2018, 120, 759-765.	1.4	17
105	Tunable dual-band terahertz metalens based on stacked graphene metasurfaces. Optics Communications, 2018, 429, 41-45.	1.0	15
106	High-Efficiency Visible Transmitting Polarizations Devices Based on the GaN Metasurface. Nanomaterials, 2018, 8, 333.	1.9	35
107	Simultaneous immunoassays of dual prostate cancer markers using a SERS-based microdroplet channel. Biosensors and Bioelectronics, 2018, 119, 126-133.	5.3	82
108	Metalens Focusing the Co-/cross-polarized Lights in Longitudinal Direction. Plasmonics, 2017, 12, 69-75.	1.8	5

#	Article	IF	Citations
109	Molecular detection by active Fanoâ€sensor. Annalen Der Physik, 2017, 529, 1600259.	0.9	4
110	Orbital Angular Momentum Shift Keying Based Optical Communication System. IEEE Photonics Journal, 2017, 9, 1-10.	1.0	77
111	Dielectric metasurface based high-efficiency polarization splitters. RSC Advances, 2017, 7, 9872-9879.	1.7	65
112	Mid-infrared polarization devices based on the double-phase modulating dielectric metasurface. Journal Physics D: Applied Physics, 2017, 50, 254001.	1.3	29
113	Enhanced Forward Scattering of Ellipsoidal Dielectric Nanoparticles. Nanoscale Research Letters, 2017, 12, 58.	3.1	15
114	High-Order Dielectric Metasurfaces for High-Efficiency Polarization Beam Splitters and Optical Vortex Generators. Nanoscale Research Letters, 2017, 12, 512.	3.1	48
115	Tunable manipulation of terahertz wavefront based on graphene metasurfaces. Journal of Optics (United Kingdom), 2017, 19, 115104.	1.0	22
116	Tri-band polarization convertor based on the multi-layer metamaterial. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	1.1	9
117	High-sensitivity double-parameter sensor based on the fibre-tip Fabryâ€“PÃ©rot interferometer. Journal of Modern Optics, 2017, 64, 596-600.	0.6	17
118	Verification and analysis of electromagnetic environment based on Simulink. , 2017, , .		1
119	A detection and tracking method based on monopulse radar in FSK mode applied in smart transportation systems. , 2017, , .		0
120	Actively controllable terahertz switches with graphene-based nongroove gratings. Photonics Research, 2017, 5, 604.	3.4	42
121	Review of the Functions of Archimedesâ€™ Spiral Metallic Nanostructures. Nanomaterials, 2017, 7, 405.	1.9	17
122	A Surface Plasmon Enhanced Nearâ€Infrared Nanophotodetector. Advanced Optical Materials, 2016, 4, 763-771.	3.6	45
123	Parameter estimation and multi-pulse target detection of MIMO radar. , 2016, , .		3
124	Anomalous forward scattering of gain-assisted dielectric shell-coated metallic core spherical particles. Nanophotonics, 2016, 6, 1063-1072.	2.9	17
125	Current statistic model and adaptive tracking algorithm based on Kalman and Smooth Variable Structure Filters. , 2016, , .		1
126	High-efficiency refractive index sensor based on the metallic nanoslit arrays with gain-assisted materials. Nanophotonics, 2016, 5, 548-555.	2.9	16

#	Article	IF	Citations
127	Acquiring reflective polarization from arbitrary multi-layer surface based on Monte Carlo simulation. Optics Express, 2016, 24, 9397.	1.7	19
128	Gain-enhanced plasmon metal nanoslit sensor. , 2016, , .		0
129	Efficient light trapping in tapered silicon nanohole arrays. Optik, 2016, 127, 2861-2865.	1.4	13
130	Polarization-independent characteristics of the metasurfaces with the symmetrical axisâ€™s orientation angle of 45Â° or 135Â°. Journal of Optics (United Kingdom), 2016, 18, 035007.	1.0	6
131	Broadband, high-efficiency, arbitrary focusing lens by a holographic dielectric meta-reflectarray. Journal Physics D: Applied Physics, 2016, 49, 145101.	1.3	17
132	Spatial and spectral selective characteristics of the plasmonic sensing using metallic nanoslit arrays. Optics Communications, 2016, 359, 393-398.	1.0	5
133	Active imaging with the aids of polarization retrieve in turbid media system. Optics Communications, 2016, 359, 405-410.	1.0	27
134	Current Approach in Surface Plasmons for Thin Film and Wire Array Solar Cell Applications. Materials, 2015, 8, 4565-4581.	1.3	11
135	Sliver spherical nanoshells coated gain-assisted ellipsoidal silica core for low-threshold surface plasmon amplification. Optics Communications, 2015, 355, 580-585.	1.0	13
136	Circular polarization analyzer based on an Archimedean nano-pinholes array. Optics Express, 2015, 23, 30523.	1.7	16
137	Polarization-independent longitudinal multi-focusing metalens. Optics Express, 2015, 23, 29855.	1.7	75
138	Multi-spectral characteristics of polarization retrieve in various atmospheric conditions. Optics Communications, 2015, 339, 167-170.	1.0	23
139	A novel method of retrieving the polarization qubits after being transmitted in turbid media. Journal of Optics (United Kingdom), 2015, 17, 035606.	1.0	19
140	Manipulating ellipsoidal micro-particles by femtosecond vortex tweezers. Journal of Optics (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.0	32
141	Ultra-thin optical vortex phase plate based on the L-shaped nanoantenna for both linear and circular polarized incidences. Optics Communications, 2015, 355, 321-325.	1.0	14
142	Calculating the torque of the optical vortex tweezer to the ellipsoidal micro-particles. Optics Communications, 2015, 354, 34-39.	1.0	23
143	Advanced light-trapping effect of thin-film solar cell with dual photonic crystals. Nanoscale Research Letters, 2015, 10, 214.	3.1	9
144	L-shaped metasurface for both the linear and circular polarization conversions. Journal of Optics (United Kingdom), 2015, 17, 065103.	1.0	12

#	Article	IF	Citations
145	Gold nanoshells with gain-assisted silica core for ultra-sensitive bio-molecular sensors. Optics Communications, 2015, 349, 193-197.	1.0	23
146	Circular Polarization Analyzer Based on the Combined Coaxial Archimedesâ€™ Spiral Structure. Plasmonics, 2015, 10, 1255-1261.	1.8	20
147	Ultra-thin optical vortex phase plate based on the metasurface and the angular momentum transformation. Journal of Optics (United Kingdom), 2015, 17, 045102.	1.0	46
148	High-Efficiency Cross Polarization Converters by Plasmonic Metasurface. Plasmonics, 2015, 10, 1167-1172.	1.8	29
149	Plasmonics metalens independent from the incident polarizations. Optics Express, 2015, 23, 16782.	1.7	51
150	Ultra-thin, planar, broadband, dual-polarity plasmonic metalens. Photonics Research, 2015, 3, 68.	3.4	48
151	Retrieving the polarization information for satellite-to-ground light communication. Journal of Optics (United Kingdom), 2015, 17, 085701.	1.0	15
152	Transmitting characteristics of polarization information under seawater. Applied Optics, 2015, 54, 6584.	2.1	33
153	Arbitrary focusing lens by holographic metasurface. Photonics Research, 2015, 3, 252.	3.4	42
154	Ultra-thin circular polarization analyzer based on the metal rectangular split-ring resonators. Optics Express, 2014, 22, 27968.	1.7	59
155	Living cell manipulation in a microfluidic device by femtosecond optical tweezers. Optics and Lasers in Engineering, 2014, 55, 150-154.	2.0	26
156	The tradeoff between plasmonic enhancement and optical loss in silicon nanowire solar cells integrated in a metal back reflector. Optics Express, 2012, 20, A777.	1.7	16
157	Enhanced absorptive characteristics of metal nanoparticle-coated silicon nanowires for solar cell applications. Applied Optics, 2011, 50, G63.	2.1	29
158	Generating optical vortex with computer-generated hologram fabricated inside glass by femtosecond laser pulses. Optics Communications, 2007, 273, 286-289.	1.0	43