

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

199 papers	7,077 citations	47 h-index	77 g-index
218 ext. papers	8,547 ext. citations	5.3 avg, IF	6.21 L-index

#	Paper	IF	Citations
199	Catenary optics for achromatic generation of perfect optical angular momentum. <i>Science Advances</i> , 2015 , 1, e1500396	14.3	422
198	Multicolor 3D meta-holography by broadband plasmonic modulation. <i>Science Advances</i> , 2016 , 2, e1601102	14.3	370
197	Engineering the dispersion of metamaterial surface for broadband infrared absorption. <i>Optics Letters</i> , 2012 , 37, 2133-5	3	217
196	Design principles for infrared wide-angle perfect absorber based on plasmonic structure. <i>Optics Express</i> , 2011 , 19, 17413-20	3.3	178
195	Ultrathin broadband nearly perfect absorber with symmetrical coherent illumination. <i>Optics Express</i> , 2012 , 20, 2246-54	3.3	176
194	All-Dielectric Metasurfaces for Simultaneous Giant Circular Asymmetric Transmission and Wavefront Shaping Based on Asymmetric Photonic Spin-Orbit Interactions. <i>Advanced Functional Materials</i> , 2017 , 27, 1704295	15.6	174
193	Ultrabroadband superoscillatory lens composed by plasmonic metasurfaces for subdiffraction light focusing. <i>Laser and Photonics Reviews</i> , 2015 , 9, 713-719	8.3	159
192	Merging Geometric Phase and Plasmon Retardation Phase in Continuously Shaped Metasurfaces for Arbitrary Orbital Angular Momentum Generation. <i>ACS Photonics</i> , 2016 , 3, 2022-2029	6.3	156
191	A planar chiral meta-surface for optical vortex generation and focusing. <i>Scientific Reports</i> , 2015 , 5, 103654	4.9	142
190	Dispersion management of anisotropic metamirror for super-octave bandwidth polarization conversion. <i>Scientific Reports</i> , 2015 , 5, 8434	4.9	132
189	Anisotropic meta-mirror for achromatic electromagnetic polarization manipulation. <i>Applied Physics Letters</i> , 2013 , 102, 131906	3.4	132
188	Multi-band circular polarizer using planar spiral metamaterial structure. <i>Optics Express</i> , 2012 , 20, 16050-8	3.3	129
187	Spatially and spectrally engineered spin-orbit interaction for achromatic virtual shaping. <i>Scientific Reports</i> , 2015 , 5, 9822	4.9	118
186	Orbital Angular Momentum Multiplexing and Demultiplexing by a Single Metasurface. <i>Advanced Optical Materials</i> , 2017 , 5, 1600502	8.1	104
185	Plasmonic Metasurfaces for Simultaneous Thermal Infrared Invisibility and Holographic Illusion. <i>Advanced Functional Materials</i> , 2018 , 28, 1706673	15.6	101
184	A refractory metamaterial absorber for ultra-broadband, omnidirectional and polarization-independent absorption in the UV-NIR spectrum. <i>Nanoscale</i> , 2018 , 10, 8298-8303	7.7	99
183	A Beam Steering Horn Antenna Using Active Frequency Selective Surface. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 6218-6223	4.9	95

182	High-Efficiency and Wide-Angle Beam Steering Based on Catenary Optical Fields in Ultrathin Metalens. <i>Advanced Optical Materials</i> , 2018 , 6, 1800592	8.1	92
181	Multispectral optical metasurfaces enabled by achromatic phase transition. <i>Scientific Reports</i> , 2015 , 5, 15781	4.9	88
180	An Active Metamaterial for Polarization Manipulating. <i>Advanced Optical Materials</i> , 2014 , 2, 945-949	8.1	84
179	Catenary Electromagnetics for Ultra-Broadband Lightweight Absorbers and Large-Scale Flat Antennas. <i>Advanced Science</i> , 2019 , 6, 1801691	13.6	82
178	Plasmonic Metasurfaces for Switchable Photonic Spin-Orbit Interactions Based on Phase Change Materials. <i>Advanced Science</i> , 2018 , 5, 1800835	13.6	81
177	Achromatic flat optical components via compensation between structure and material dispersions. <i>Scientific Reports</i> , 2016 , 6, 19885	4.9	80
176	Revisitation of Extraordinary Young's Interference: from Catenary Optical Fields to Spin-Orbit Interaction in Metasurfaces. <i>ACS Photonics</i> , 2018 , 5, 3198-3204	6.3	79
175	Engineering heavily doped silicon for broadband absorber in the terahertz regime. <i>Optics Express</i> , 2012 , 20, 25513-9	3.3	79
174	Reconfigurable Metasurface Cloak for Dynamical Electromagnetic Illusions. <i>ACS Photonics</i> , 2018 , 5, 17186-1725	6.3	74
173	Catenary nanostructures as compact Bessel beam generators. <i>Scientific Reports</i> , 2016 , 6, 20524	4.9	70
172	Nanoapertures with ordered rotations: symmetry transformation and wide-angle flat lensing. <i>Optics Express</i> , 2017 , 25, 31471-31477	3.3	65
171	Generation and detection of orbital angular momentum via metasurface. <i>Scientific Reports</i> , 2016 , 6, 24286	4.9	64
170	Merging plasmonics and metamaterials by two-dimensional subwavelength structures. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 4361-4378	7.1	63
169	Fabrication of anisotropically arrayed nano-slots metasurfaces using reflective plasmonic lithography. <i>Nanoscale</i> , 2015 , 7, 18805-12	7.7	63
168	Spin-decoupled metasurface for simultaneous detection of spin and orbital angular momenta via momentum transformation. <i>Light: Science and Applications</i> , 2021 , 10, 63	16.7	61
167	Broadband anomalous reflection based on gradient low-Q meta-surface. <i>AIP Advances</i> , 2013 , 3, 052136	1.5	60
166	Directional coupler and nonlinear Mach-Zehnder interferometer based on metal-insulator-metal plasmonic waveguide. <i>Optics Express</i> , 2010 , 18, 21030-7	3.3	59
165	Dual-band 90° polarization rotator using twisted split ring resonators array. <i>Optics Communications</i> , 2013 , 291, 345-348	2	55

164	Actively Tunable Structural Color Rendering with Tensile Substrate. <i>Advanced Optical Materials</i> , 2017 , 5, 1600829	8.1	54
163	Dispersion controlling meta-lens at visible frequency. <i>Optics Express</i> , 2017 , 25, 21419-21427	3.3	54
162	Theory of microscopic meta-surface waves based on catenary optical fields and dispersion. <i>Optics Express</i> , 2018 , 26, 19555-19562	3.3	52
161	Multi-Channel Vortex Beam Generation by Simultaneous Amplitude and Phase Modulation with Two-Dimensional Metamaterial. <i>Advanced Materials Technologies</i> , 2017 , 2, 1600201	6.8	52
160	Dual-band asymmetry chiral metamaterial based on planar spiral structure. <i>Applied Physics Letters</i> , 2012 , 101, 161901	3.4	51
159	Multistate Switching of Photonic Angular Momentum Coupling in Phase-Change Metadevices. <i>Advanced Materials</i> , 2020 , 32, e1908194	24	51
158	Achromatic Broadband Super-Resolution Imaging by Super-Oscillatory Metasurface. <i>Laser and Photonics Reviews</i> , 2018 , 12, 1800064	8.3	50
157	Single-layer circular polarizer using metamaterial and its application in antenna. <i>Microwave and Optical Technology Letters</i> , 2012 , 54, 1770-1774	1.2	50
156	Strong enhancement of light absorption and highly directive thermal emission in graphene. <i>Optics Express</i> , 2013 , 21, 11618-27	3.3	49
155	Color display and encryption with a plasmonic polarizing metamirror. <i>Nanophotonics</i> , 2018 , 7, 323-331	6.3	48
154	Investigation of Fano resonance in planar metamaterial with perturbed periodicity. <i>Optics Express</i> , 2013 , 21, 992-1001	3.3	48
153	Colorful Metahologram with Independently Controlled Images in Transmission and Reflection Spaces. <i>Advanced Functional Materials</i> , 2019 , 29, 1809145	15.6	47
152	Simultaneous Full-Color Printing and Holography Enabled by Centimeter-Scale Plasmonic Metasurfaces. <i>Advanced Science</i> , 2020 , 7, 1903156	13.6	46
151	All-metallic wide-angle metasurfaces for multifunctional polarization manipulation. <i>Opto-Electronic Advances</i> , 2019 , 2, 18002301-18002306	6.5	45
150	Off-axis multi-wavelength dispersion controlling metalens for multi-color imaging. <i>Opto-Electronic Advances</i> , 2020 , 3, 19000501-19000507	6.5	44
149	Super-resolution optical telescopes with local light diffraction shrinkage. <i>Scientific Reports</i> , 2015 , 5, 18485	4.9	43
148	Sharp Fano resonance induced by a single layer of nanorods with perturbed periodicity. <i>Optics Express</i> , 2015 , 23, 2895-903	3.3	41
147	Batch Fabrication of Metasurface Holograms Enabled by Plasmonic Cavity Lithography. <i>Advanced Optical Materials</i> , 2017 , 5, 1700429	8.1	41

146	Perfect Absorption of Light by Coherently Induced Plasmon Hybridization in Ultrathin Metamaterial Film. <i>Plasmonics</i> , 2012 , 7, 733-738	2.4	41
145	Ultrahigh-capacity dynamic holographic displays via anisotropic nanoholes. <i>Nanoscale</i> , 2017 , 9, 1409-1415	5.7	38
144	Combining the absorptive and radiative loss in metasurfaces for multi-spectral shaping of the electromagnetic scattering. <i>Scientific Reports</i> , 2016 , 6, 21462	4.9	37
143	Truncated spherical voids for nearly omnidirectional optical absorption. <i>Optics Express</i> , 2011 , 19, 20642-9	3.3	37
142	Metasurface-based broadband hologram with high tolerance to fabrication errors. <i>Scientific Reports</i> , 2016 , 6, 19856	4.9	37
141	Quasi-continuous metasurface for ultra-broadband and polarization-controlled electromagnetic beam deflection. <i>Scientific Reports</i> , 2015 , 5, 17733	4.9	36
140	Nanofocusing beyond the near-field diffraction limit via plasmonic Fano resonance. <i>Nanoscale</i> , 2016 , 8, 1635-41	7.7	36
139	Conversion of broadband energy to narrowband emission through double-sided metamaterials. <i>Optics Express</i> , 2013 , 21, 32207-16	3.3	36
138	Broadband metamaterial as an 'invisible' radiative cooling coat. <i>Optics Communications</i> , 2018 , 407, 204-207	7	35
137	Super-resolution imaging with a Bessel lens realized by a geometric metasurface. <i>Optics Express</i> , 2017 , 25, 13933-13943	3.3	35
136	Nanofocusing of circularly polarized Bessel-type plasmon polaritons with hyperbolic metamaterials. <i>Materials Horizons</i> , 2017 , 4, 290-296	14.4	34
135	Chip-Integrated Geometric Metasurface As a Novel Platform for Directional Coupling and Polarization Sorting by Spin-Orbit Interaction. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2018 , 24, 1-7	3.8	34
134	Tailoring active color rendering and multiband photodetection in a vanadium-dioxide-based metamaterial absorber. <i>Photonics Research</i> , 2018 , 6, 492	6	33
133	Ultra-broadband large-scale infrared perfect absorber with optical transparency. <i>Applied Physics Express</i> , 2017 , 10, 112601	2.4	33
132	Active microwave absorber with the dual-ability of dividable modulation in absorbing intensity and frequency. <i>AIP Advances</i> , 2013 , 3, 022114	1.5	33
131	Quasi-Talbot effect of orbital angular momentum beams for generation of optical vortex arrays by multiplexing metasurface design. <i>Nanoscale</i> , 2018 , 10, 666-671	7.7	33
130	Going far beyond the near-field diffraction limit via plasmonic cavity lens with high spatial frequency spectrum off-axis illumination. <i>Scientific Reports</i> , 2015 , 5, 15320	4.9	32
129	Hierarchical metamaterials for laser-infrared-microwave compatible camouflage. <i>Optics Express</i> , 2020 , 28, 9445-9453	3.3	32

128	Broadband Functional Metasurfaces: Achieving Nonlinear Phase Generation toward Achromatic Surface Cloaking and Lensing. <i>Advanced Optical Materials</i> , 2019 , 7, 1801480	8.1	31
127	Meta-Chirality: Fundamentals, Construction and Applications. <i>Nanomaterials</i> , 2017 , 7,	5.4	30
126	Extreme-Angle Silicon Infrared Optics Enabled by Streamlined Surfaces. <i>Advanced Materials</i> , 2021 , 33, e2008157	24	30
125	Polarization-controlled unidirectional excitation of surface plasmon polaritons utilizing catenary apertures. <i>Nanoscale</i> , 2019 , 11, 3952-3957	7.7	29
124	Dynamical manipulation of electromagnetic polarization using anisotropic meta-mirror. <i>Scientific Reports</i> , 2016 , 6, 30771	4.9	29
123	Spoof Plasmonic Metasurfaces with Catenary Dispersion for Two-Dimensional Wide-Angle Focusing and Imaging. <i>IScience</i> , 2019 , 21, 145-156	6.1	29
122	Generalized Pancharatnam-Berry Phase in Rotationally Symmetric Meta-Atoms. <i>Physical Review Letters</i> , 2021 , 126, 183902	7.4	29
121	Asymmetric Transmission and Wavefront Manipulation toward Dual-Frequency Meta-Holograms. <i>ACS Photonics</i> , 2019 , 6, 1541-1546	6.3	27
120	Polarization-Controlled Broadband Accelerating Beams Generation by Single Catenary-Shaped Metasurface. <i>Advanced Optical Materials</i> , 2019 , 7, 1900503	8.1	27
119	Staked Graphene for Tunable Terahertz Absorber with Customized Bandwidth. <i>Plasmonics</i> , 2016 , 11, 1201-1206	2.4	26
118	Large area deep subwavelength interference lithography with a 35 nm half-period based on bulk plasmon polaritons. <i>Optical Materials Express</i> , 2018 , 8, 199	2.6	26
117	Dual-band wide-angle metamaterial perfect absorber based on the combination of localized surface plasmon resonance and Helmholtz resonance. <i>Scientific Reports</i> , 2017 , 7, 5652	4.9	26
116	Dynamic Control of the Extraordinary Optical Scattering in Semicontinuous 2D Metamaterials. <i>Advanced Optical Materials</i> , 2016 , 4, 659-663	8.1	25
115	Perfect electromagnetic and sound absorption via subwavelength holes array. <i>Opto-Electronic Advances</i> , 2018 , 1, 18001301-18001306	6.5	25
114	Midinfrared real-time polarization imaging with all-dielectric metasurfaces. <i>Applied Physics Letters</i> , 2019 , 114, 161904	3.4	24
113	Taming the Electromagnetic Boundaries via Metasurfaces: From Theory and Fabrication to Functional Devices. <i>International Journal of Antennas and Propagation</i> , 2015 , 2015, 1-80	1.2	24
112	Heat Resisting Metallic Meta-Skin for Simultaneous Microwave Broadband Scattering and Infrared Invisibility Based on Catenary Optical Field. <i>Advanced Materials Technologies</i> , 2019 , 4, 1800612	6.8	24
111	[INVITED] Coherent perfect absorption of electromagnetic wave in subwavelength structures. <i>Optics and Laser Technology</i> , 2018 , 101, 499-506	4.2	23

110	Catenary Functions Meet Electromagnetic Waves: Opportunities and Promises. <i>Advanced Optical Materials</i> , 2020 , 8, 2001194	8.1	23
109	Plasmonic lithography for the fabrication of surface nanostructures with a feature size down to 9 nm. <i>Nanoscale</i> , 2020 , 12, 2415-2421	7.7	21
108	Dynamic manipulation of polarization states using anisotropic meta-surface. <i>Optics Communications</i> , 2014 , 319, 14-16	2	20
107	Methodologies for On-Demand Dispersion Engineering of Waves in Metasurfaces. <i>Advanced Optical Materials</i> , 2019 , 7, 1801376	8.1	19
106	Polarization-independent broadband meta-holograms via polarization-dependent nanoholes. <i>Nanoscale</i> , 2018 , 10, 9304-9310	7.7	19
105	Experimental demonstration of a continuous varifocal metalens with large zoom range and high imaging resolution. <i>Applied Physics Letters</i> , 2019 , 115, 163103	3.4	19
104	Circular Dichroism and Optical Rotation in Twisted Y-Shaped Chiral Metamaterial. <i>Applied Physics Express</i> , 2013 , 6, 022001	2.4	19
103	Far field observation and theoretical analyses of light directional imaging in metamaterial with stacked metal-dielectric films. <i>Applied Physics Letters</i> , 2013 , 103, 031911	3.4	18
102	Wavelength-selective orbital angular momentum generation based on a plasmonic metasurface. <i>Nanoscale</i> , 2016 , 8, 12267-71	7.7	18
101	Fano resonance induced by mode coupling in all-dielectric nanorod array. <i>Applied Physics Express</i> , 2014 , 7, 032002	2.4	17
100	Generation of Polarization-Sensitive Modulated Optical Vortices with All-Dielectric Metasurfaces. <i>ACS Photonics</i> , 2019 , 6, 628-633	6.3	17
99	Near-field collimation of light carrying orbital angular momentum with bull's-eye-assisted plasmonic coaxial waveguides. <i>Scientific Reports</i> , 2015 , 5, 12108	4.9	16
98	Circular dichroism of graphene-based absorber in static magnetic field. <i>Journal of Applied Physics</i> , 2014 , 115, 154312	2.5	16
97	Pushing the plasmonic imaging nanolithography to nano-manufacturing. <i>Optics Communications</i> , 2017 , 404, 62-72	2	16
96	Inverse design of broadband metasurface absorber based on convolutional autoencoder network and inverse design network. <i>Journal Physics D: Applied Physics</i> , 2020 , 53, 464002	3	16
95	Sensitive and reproducible surface-enhanced raman spectroscopy (SERS) with arrays of dimer-nanopillars. <i>Sensors and Actuators B: Chemical</i> , 2020 , 322, 128563	8.5	16
94	Tight focusing of radially and azimuthally polarized light with plasmonic metalens. <i>Optics Communications</i> , 2015 , 356, 445-450	2	15
93	Broadband and high-efficiency accelerating beam generation by dielectric catenary metasurfaces. <i>Nanophotonics</i> , 2020 , 9, 2829-2837	6.3	15

92	Ultra-broadband spin-controlled directional router based on single optical catenary integrated on silicon waveguide. <i>Applied Physics Express</i> , 2018 , 11, 092202	2.4	14
91	Monolithic metasurface spatial differentiator enabled by asymmetric photonic spin-orbit interactions. <i>Nanophotonics</i> , 2020 , 10, 741-748	6.3	14
90	Helicity Multiplexed Spin-Orbit Interaction in Metasurface for Colorized and Encrypted Holographic Display. <i>Annalen Der Physik</i> , 2017 , 529, 1700248	2.6	14
89	Dispersion engineering in metamaterials and metasurfaces. <i>Journal Physics D: Applied Physics</i> , 2018 , 51, 054002	3	13
88	Design of a patch antenna with dual-band radar cross-section reduction. <i>Microwave and Optical Technology Letters</i> , 2012 , 54, 2516-2520	1.2	13
87	Electrical tunable L-band absorbing material for two polarisations. <i>Electronics Letters</i> , 2012 , 48, 1002-1003	1	13
86	Reducing side lobe level of antenna using frequency selective surface superstrate. <i>Microwave and Optical Technology Letters</i> , 2015 , 57, 1971-1975	1.2	12
85	All-metallic geometric metasurfaces for broadband and high-efficiency wavefront manipulation. <i>Nanophotonics</i> , 2020 , 9, 3209-3215	6.3	12
84	High-Efficiency and Tunable Circular-Polarization Beam Splitting with a Liquid-Filled All-Metallic Catenary Meta-Mirror. <i>Advanced Materials Technologies</i> , 2019 , 4, 1900334	6.8	11
83	Dual-Functional Metasurface toward Giant Linear and Circular Dichroism. <i>Advanced Optical Materials</i> , 2020 , 8, 1902061	8.1	11
82	Deep subwavelength interference lithography with tunable pattern period based on bulk plasmon polaritons. <i>Optics Express</i> , 2017 , 25, 20511-20521	3.3	11
81	Transfer of orbital angular momentum through sub-wavelength waveguides. <i>Optics Express</i> , 2015 , 23, 2857-62	3.3	11
80	Plasmonic Interference Lithography for Low-Cost Fabrication of Dense Lines with Sub-50 nm Half-Pitch. <i>ACS Applied Nano Materials</i> , 2019 , 2, 489-496	5.6	11
79	Crosstalk reduction of integrated optical waveguides with nonuniform subwavelength silicon strips. <i>Scientific Reports</i> , 2020 , 10, 4491	4.9	10
78	Modeling and experimental study of plasmonic lens imaging with resolution enhanced methods. <i>Optics Express</i> , 2016 , 24, 27115-27126	3.3	10
77	Broadband achromatic metasurfaces for sub-diffraction focusing in the visible. <i>Optics Express</i> , 2021 , 29, 5947-5958	3.3	10
76	Efficient design of a dielectric metasurface with transfer learning and genetic algorithm. <i>Optical Materials Express</i> , 2021 , 11, 1852	2.6	9
75	Angular-multiplexed multichannel optical vortex arrays generators based on geometric metasurface. <i>IScience</i> , 2021 , 24, 102107	6.1	9

74	Realization of low-scattering metamaterial shell based on cylindrical wave expanding theory. <i>Optics Express</i> , 2015 , 23, 10396-404	3.3	8
73	Ultra-wideband manipulation of electromagnetic waves by bilayer scattering engineered gradient metasurface.. <i>RSC Advances</i> , 2018 , 8, 13061-13066	3.7	8
72	Functional metasurfaces based on metallic and dielectric subwavelength slits and stripes array. <i>Journal of Physics Condensed Matter</i> , 2018 , 30, 144003	1.8	8
71	Minimized two- and four-step varifocal lens based on silicon photonic integrated nanoapertures. <i>Optics Express</i> , 2020 , 28, 7943-7952	3.3	8
70	Metasurface spatiotemporal dynamics and asymmetric photonic spin-orbit interactions mediated vector-polarization optical chaos. <i>Physical Review Research</i> , 2021 , 3,	3.9	8
69	Topology-optimized catenary-like metasurface for wide-angle and high-efficiency deflection: from a discrete to continuous geometric phase. <i>Optics Express</i> , 2021 , 29, 10181-10191	3.3	8
68	Proximity correction and resolution enhancement of plasmonic lens lithography far beyond the near field diffraction limit. <i>RSC Advances</i> , 2017 , 7, 12366-12373	3.7	7
67	A Tunable Metasurface Deflector Based on MIM Waveguide Filled with Phase-Change Material. <i>Plasmonics</i> , 2019 , 14, 1735-1741	2.4	7
66	High-Performance Multilayer Radiative Cooling Films Designed with Flexible Hybrid Optimization Strategy. <i>Materials</i> , 2020 , 13,	3.5	7
65	Large-Area and Low-Cost Nanoslit-Based Flexible Metasurfaces for Multispectral Electromagnetic Wave Manipulation. <i>Advanced Optical Materials</i> , 2019 , 7, 1900657	8.1	7
64	Dual-band and ultra-broadband photonic spin-orbit interaction for electromagnetic shaping based on single-layer silicon metasurfaces. <i>Photonics Research</i> , 2019 , 7, 586	6	7
63	Metallic nanomesh for high-performance transparent electromagnetic shielding. <i>Optical Materials Express</i> , 2020 , 10, 796	2.6	7
62	Highly reproducible and stable surface-enhanced Raman scattering substrates of graphene-Ag nanohole arrays fabricated by sub-diffraction plasmonic lithography. <i>OSA Continuum</i> , 2019 , 2, 582	1.4	7
61	Hybrid octahedral Au nanocrystals and Ag nanohole arrays as substrates for highly sensitive and reproducible surface-enhanced Raman scattering. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 1135-1142	7.1	7
60	Monolithic-Integrated Multiplexed Devices Based on Metasurface-Driven Guided Waves. <i>Advanced Theory and Simulations</i> , 2021 , 4, 2000239	3.5	7
59	Optical phased array radiating optical vortex with manipulated topological charges. <i>Optics Express</i> , 2015 , 23, 4873-9	3.3	6
58	Inversion Symmetry Breaking in Lithium Intercalated Graphitic Materials. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 28561-28567	9.5	6
57	Surface imaging microscopy with tunable penetration depth as short as 20 nm by employing hyperbolic metamaterials. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 1797-1805	7.1	6

56	Switchable polarization-multiplexed super-oscillatory metasurfaces for achromatic sub-diffraction focusing. <i>Optics Express</i> , 2020 , 28, 39024-39037	3.3	6
55	An Ultrabroadband THz Absorber Based on Structured Doped Silicon With Antireflection Techniques. <i>IEEE Photonics Journal</i> , 2018 , 10, 1-10	1.8	6
54	Electromagnetic Architectures: Structures, Properties, Functions and Their Intrinsic Relationships in Subwavelength Optics and Electromagnetics. <i>Advanced Photonics Research</i> , 2021 , 2, 2100023	1.9	6
53	Synthetic vector optical fields with spatial and temporal tunability. <i>Science China: Physics, Mechanics and Astronomy</i> , 2022 , 65, 1	3.6	6
52	Full Stokes Polarimetry for Wide-Angle Incident Light. <i>Physica Status Solidi - Rapid Research Letters</i> , 2020 , 14, 2000044	2.5	5
51	Circular polarization sensitive absorbers based on graphene. <i>Scientific Reports</i> , 2016 , 6, 23897	4.9	5
50	Tunable Absorbers Based on an Electrically Controlled Resistive Layer. <i>Plasmonics</i> , 2019 , 14, 327-333	2.4	5
49	Emerging Long-Range Order from Freeform Disordered Metasurface.. <i>Advanced Materials</i> , 2022 , e2108709	4.9	5
48	Young's double-slit interference enabled by surface plasmon polaritons: a review. <i>Journal Physics D: Applied Physics</i> , 2020 , 53, 053001	3	5
47	Tunable Optical Hooks in the Visible Band Based on Ultra-Thin Metalenses. <i>Annalen Der Physik</i> , 2020 , 532, 1900396	2.6	5
46	Flexible and Tunable Dielectric Color Meta-hologram. <i>Plasmonics</i> , 2020 , 15, 217-223	2.4	5
45	Ultrathin Planar Microlens Arrays Based on Geometric Metasurface. <i>Annalen Der Physik</i> , 2018 , 530, 1700326	3.6	5
44	Symmetric and asymmetric photonic spin-orbit interaction in metasurfaces. <i>Progress in Quantum Electronics</i> , 2021 , 79, 100344	9.1	5
43	Wide Field-of-view and Broadband Terahertz Beam Steering Based on Gap Plasmon Geodesic Antennas. <i>Scientific Reports</i> , 2017 , 7, 41642	4.9	4
42	Subdiffraction nanofocusing of circularly polarized light with a plasmonic cavity lens. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 5615-5623	7.1	4
41	Switchable Quarter-Wave Plate and Half-Wave Plate Based on Phase-Change Metasurface. <i>IEEE Photonics Journal</i> , 2020 , 12, 1-10	1.8	4
40	Multiple-resonant pad-rod nanoantennas for surface-enhanced infrared absorption spectroscopy. <i>Nanotechnology</i> , 2019 , 30, 465206	3.4	4
39	Extraordinary optical transmission induced by electric resonance ring and its dynamic manipulation at far-infrared regime. <i>Optics Express</i> , 2011 , 19, 18109-15	3.3	4

38	Transmission-Reflection-Integrated Quadratic Phase Metasurface for Multifunctional Electromagnetic Manipulation in Full Space. <i>Advanced Optical Materials</i> , 2021, 11, 2102111	8.1	4
37	Refined Model for Plasmon Ruler Based on Catenary-Shaped Optical Fields. <i>Plasmonics</i> , 2019, 14, 845-850	10.4	4
36	Dynamical modulating the directional excitation of surface plasmons sources. <i>Optik</i> , 2012, 123, 1465-1468	15.5	3
35	Metasurfaces: All-Dielectric Metasurfaces for Simultaneous Giant Circular Asymmetric Transmission and Wavefront Shaping Based on Asymmetric Photonic Spin-Orbit Interactions (Adv. Funct. Mater. 47/2017). <i>Advanced Functional Materials</i> , 2017, 27, 1770280	15.6	3
34	Integrated multispectral real-time imaging system based on metasurfaces. <i>Optics Express</i> , 2020, 28, 36445-36454	15.5	4
33	Recent advances of wide-angle metalenses: principle, design, and applications. <i>Nanophotonics</i> , 2021,	6.3	3
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