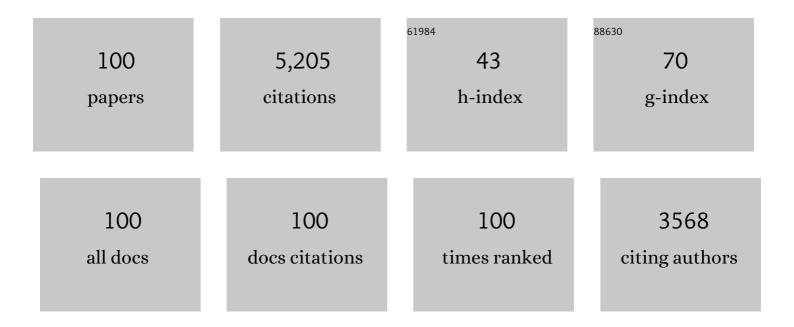
List of Publications by Year in descending order

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#	Article	lF	CITATIONS
1	Dynamically tunable plasmonically induced transparency in periodically patterned graphene nanostrips. Applied Physics Letters, 2013, 103, 203112.	3.3	249
2	Realization of broadband cross-polarization conversion in transmission mode in the terahertz region using a single-layer metasurface. Optics Letters, 2015, 40, 3185.	3.3	212
3	Coding Acoustic Metasurfaces. Advanced Materials, 2017, 29, 1603507.	21.0	207
4	Simultaneous Control of Light Polarization and Phase Distributions Using Plasmonic Metasurfaces. Advanced Functional Materials, 2015, 25, 704-710.	14.9	178
5	High-quality-factor multiple Fano resonances for refractive index sensing. Optics Letters, 2018, 43, 1842.	3.3	170
6	Metasurfaceâ€Empowered Optical Multiplexing and Multifunction. Advanced Materials, 2020, 32, e1805912.	21.0	169
7	Dynamically tunable broadband mid-infrared cross polarization converter based on graphene metamaterial. Applied Physics Letters, 2013, 103, .	3.3	152
8	Ultrahighly Saturated Structural Colors Enhanced by Multipolar-Modulated Metasurfaces. Nano Letters, 2019, 19, 4221-4228.	9.1	146
9	Polarization insensitive and omnidirectional broadband near perfect planar metamaterial absorber in the near infrared regime. Applied Physics Letters, 2011, 99, .	3.3	137
10	Realizing Broadband and Invertible Linear-to-circular Polarization Converter with Ultrathin Single-layer Metasurface. Scientific Reports, 2016, 5, 18106.	3.3	128
11	From Singleâ€Dimensional to Multidimensional Manipulation of Optical Waves with Metasurfaces. Advanced Materials, 2019, 31, e1802458.	21.0	127
12	Metasurface Enabled Wideâ€Angle Fourier Lens. Advanced Materials, 2018, 30, e1706368.	21.0	112
13	Mid-infrared tunable optical polarization converter composed of asymmetric graphene nanocrosses. Optics Letters, 2013, 38, 1567.	3.3	110
14	Dynamically Tunable Broadband Infrared Anomalous Refraction Based on Graphene Metasurfaces. Advanced Optical Materials, 2015, 3, 1744-1749.	7.3	108
15	Phase Manipulation of Electromagnetic Waves with Metasurfaces and Its Applications in Nanophotonics. Advanced Optical Materials, 2018, 6, 1800104.	7.3	103
16	Emergent Functionality and Controllability in Few‣ayer Metasurfaces. Advanced Materials, 2015, 27, 5410-5421.	21.0	102
17	Plasmonic Airy Beam Generation by Both Phase and Amplitude Modulation with Metasurfaces. Advanced Optical Materials, 2016, 4, 1230-1235.	7.3	102
18	Optical Polarization Encoding Using Graphene‣oaded Plasmonic Metasurfaces. Advanced Optical Materials, 2016, 4, 91-98.	7.3	100

#	Article	IF	CITATIONS
19	Polarizationâ€5ensitive Structural Colors with Hueâ€andâ€6aturation Tuning Based on Allâ€Dielectric Nanopixels. Advanced Optical Materials, 2018, 6, 1701009.	7.3	95
20	Highâ€Efficiency Mutual Dualâ€Band Asymmetric Transmission of Circularly Polarized Waves with Few‣ayer Anisotropic Metasurfaces. Advanced Optical Materials, 2016, 4, 2028-2034.	7.3	86
21	Tunable dual-band asymmetric transmission for circularly polarized waves with graphene planar chiral metasurfaces. Optics Letters, 2016, 41, 3142.	3.3	86
22	Generation of vector beams with arbitrary spatial variation of phase and linear polarization using plasmonic metasurfaces. Optics Letters, 2015, 40, 3229.	3.3	82
23	Analysis of optical trapping and propulsion of Rayleigh particles using Airy beam. Optics Express, 2010, 18, 20384.	3.4	79
24	Multiband Asymmetric Transmission of Airborne Sound by Coded Metasurfaces. Physical Review Applied, 2017, 7, .	3.8	71
25	A polarization insensitive and wide-angle dual-band nearly perfect absorber in the infrared regime. Journal of Optics (United Kingdom), 2012, 14, 085102.	2.2	70
26	Controllable optical activity with non-chiral plasmonic metasurfaces. Light: Science and Applications, 2016, 5, e16096-e16096.	16.6	70
27	Highâ€Performance Broadband Circularly Polarized Beam Deflector by Mirror Effect of Multinanorod Metasurfaces. Advanced Functional Materials, 2015, 25, 5428-5434.	14.9	69
28	Energyâ€Tailorable Spinâ€Selective Multifunctional Metasurfaces with Full Fourier Components. Advanced Materials, 2019, 31, e1901729.	21.0	69
29	Structural colors in metasurfaces: principle, design and applications. Materials Chemistry Frontiers, 2019, 3, 750-761.	5.9	69
30	Polarization-insensitive and wide-angle plasmonically induced transparency by planar metamaterials. Applied Physics Letters, 2012, 101, .	3.3	66
31	Polarization-insensitive and wide-angle broadband nearly perfect absorber by tunable planar metamaterials in the visible regime. Journal of Optics (United Kingdom), 2014, 16, 125107.	2.2	63
32	Breaking the Diffraction Limit with Radially Polarized Light Based on Dielectric Metalenses. Advanced Optical Materials, 2018, 6, 1800795.	7.3	62
33	Dynamically tunable plasmonically induced transparency by planar hybrid metamaterial. Optics Letters, 2013, 38, 483.	3.3	61
34	Experimental Realization of Type-II Weyl Points and Fermi Arcs in Phononic Crystal. Physical Review Letters, 2019, 122, 104302.	7.8	57
35	Broadband diodelike asymmetric transmission of linearly polarized light in ultrathin hybrid metamaterial. Applied Physics Letters, 2014, 105, .	3.3	54
36	Bidirectional Perfect Absorber Using Free Substrate Plasmonic Metasurfaces. Advanced Optical Materials, 2017, 5, 1700152.	7.3	52

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37	Empowered Layer Effects and Prominent Properties in Fewâ€Layer Metasurfaces. Advanced Optical Materials, 2019, 7, 1801477.	7.3	52
38	Spin‧elective Fullâ€Dimensional Manipulation of Optical Waves with Chiral Mirror. Advanced Materials, 2020, 32, e1907983.	21.0	52
39	Anomalous reflection and vortex beam generation by multi-bit coding acoustic metasurfaces. Applied Physics Letters, 2019, 114, .	3.3	51
40	Integrating polarization conversion and nearly perfect absorption with multifunctional metasurfaces. Applied Physics Letters, 2017, 110, .	3.3	49
41	Single-Layer Plasmonic Metasurface Half-Wave Plates with Wavelength-Independent Polarization Conversion Angle. ACS Photonics, 2017, 4, 2061-2069.	6.6	48
42	Simultaneous generation of high-efficiency broadband asymmetric anomalous refraction and reflection waves with few-layer anisotropic metasurface. Scientific Reports, 2016, 6, 35485.	3.3	45
43	Tripling the Capacity of Optical Vortices by Nonlinear Metasurface. Laser and Photonics Reviews, 2018, 12, 1800164.	8.7	44
44	Aberration-corrected three-dimensional positioning with a single-shot metalens array. Optica, 2020, 7, 1706.	9.3	43
45	Spin-Selective Transmission and Devisable Chirality in Two-Layer Metasurfaces. Scientific Reports, 2017, 7, 8204.	3.3	42
46	Dynamically Tunable Deep Subwavelength Highâ€Order Anomalous Reflection Using Graphene Metasurfaces. Advanced Optical Materials, 2018, 6, 1701047.	7.3	42
47	Optical Information Multiplexing with Nonlinear Coding Metasurfaces. Laser and Photonics Reviews, 2019, 13, 1900045.	8.7	41
48	Manipulation of the Photonic Spin Hall Effect with High Efficiency in Goldâ€Nanorodâ€Based Metasurfaces. Advanced Optical Materials, 2017, 5, 1700413.	7.3	37
49	Dielectric Resonance-Based Optical Metasurfaces: From Fundamentals to Applications. IScience, 2020, 23, 101868.	4.1	37
50	Spinâ€Selective and Wavelengthâ€Selective Demultiplexing Based on Waveguideâ€Integrated Allâ€Dielectric Metasurfaces. Advanced Optical Materials, 2019, 7, 1801273.	7.3	36
51	Fano-resonance-based mode-matching hybrid metasurface for enhanced second-harmonic generation. Optics Letters, 2017, 42, 3117.	3.3	34
52	Giant spin-selective asymmetric transmission in multipolar-modulated metasurfaces. Optics Letters, 2019, 44, 3805.	3.3	32
53	High Performance Broadband Asymmetric Polarization Conversion Due to Polarization-dependent Reflection. Plasmonics, 2015, 10, 1703-1711.	3.4	31
54	The enhanced stability and biodegradation of dispersed crude oil droplets by Xanthan Gum as an additive of chemical dispersant. Marine Pollution Bulletin, 2017, 118, 275-280.	5.0	31

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55	Discovery of 1,2,4-triazole-1,3-disulfonamides as dual inhibitors of mitochondrial complex II and complex III. New Journal of Chemistry, 2015, 39, 7281-7292.	2.8	30
56	Giant Intrinsic Chirality in Curled Metasurfaces. ACS Photonics, 2020, 7, 3415-3422.	6.6	30
57	Multi-functional magnetic bacteria as efficient and economical Pickering emulsifiers for encapsulation and removal of oil from water. Journal of Colloid and Interface Science, 2020, 560, 349-358.	9.4	29
58	Acoustic Topological Transport and Refraction in a Kekul $ ilde{A}$ $ ilde{C}$ Lattice. Physical Review Applied, 2019, 11, .	3.8	28
59	Frequency-Selected Bifunctional Coding Acoustic Metasurfaces. Physical Review Applied, 2020, 14, .	3.8	28
60	Ultrathin polarization-insensitive wide-angle broadband near-perfect absorber in the visible regime based on few-layer MoS2 films. Applied Physics Letters, 2017, 111, 111109.	3.3	27
61	Arbitrary Manipulation of Light Intensity by Bilayer Aluminum Metasurfaces. Advanced Optical Materials, 2019, 7, 1900260.	7.3	26
62	Multiband quasibound states in the continuum engineered by space-group-invariant metasurfaces. Physical Review B, 2021, 104, .	3.2	25
63	Diffractive metalens: from fundamentals, practical applications to current trends. Advances in Physics: X, 2020, 5, 1742584.	4.1	22
64	Deep-learning-based colorimetric polarization-angle detection with metasurfaces. Optica, 2022, 9, 217.	9.3	22
65	Highâ€Performance Transmission Structural Colors Generated by Hybrid Metalâ€Đielectric Metasurfaces. Advanced Optical Materials, 2021, 9, 2100895.	7.3	20
66	Fully interferometric controllable anomalous refraction efficiency using cross modulation with plasmonic metasurfaces. Optics Letters, 2014, 39, 6763.	3.3	19
67	Dirac points and the transition towards Weyl points in three-dimensional sonic crystals. Light: Science and Applications, 2020, 9, 201.	16.6	18
68	Full Complexâ€Amplitude Modulation of Second Harmonic Generation with Nonlinear Metasurfaces. Laser and Photonics Reviews, 2021, 15, 2100207.	8.7	18
69	Large enhancement and uniform distribution of optical near field through combining periodic bowtie nanoantenna with rectangular nanoaperture array. Optics Letters, 2011, 36, 4014.	3.3	16
70	Individually immobilized and surface-modified hydrocarbon-degrading bacteria for oil emulsification and biodegradation. Marine Pollution Bulletin, 2017, 125, 433-439.	5.0	16
71	Few-layer metasurfaces with arbitrary scattering properties. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	16
72	Multiplexed Nondiffracting Nonlinear Metasurfaces. Advanced Functional Materials, 2020, 30, 1910744.	14.9	16

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73	Momentum Analysis for Metasurfaces. Physical Review Applied, 2017, 8, .	3.8	16
74	Co-enhancing and -confining the electric and magnetic fields of the broken-nanoring and the composite nanoring by azimuthally polarized excitation. Optics Express, 2013, 21, 20611.	3.4	15
75	Tunable dual-band and high-quality-factor perfect absorption based on VO ₂ -assisted metasurfaces. Optics Express, 2021, 29, 31488.	3.4	13
76	A Bilayer Plasmonic Metasurface for Polarizationâ€Insensitive Bidirectional Perfect Absorption. Advanced Theory and Simulations, 2020, 3, 1900216.	2.8	12
77	Metasurfaces: Metasurfaceâ€Empowered Optical Multiplexing and Multifunction (Adv. Mater. 3/2020). Advanced Materials, 2020, 32, 2070022.	21.0	10
78	Rapid capturing of oil-degrading bacteria by engineered attapulgite and their synergistic remediation for oil spill. Journal of Colloid and Interface Science, 2021, 604, 272-280.	9.4	10
79	Deep‣earning Enabled Multicolor Metaâ€Holography. Advanced Optical Materials, 2022, 10, .	7.3	9
80	Dynamically Tunable Plasmonic Lens between the Near and Far Fields Based on Composite Nanorings Illuminated with Radially Polarized Light. Plasmonics, 2015, 10, 625-631.	3.4	8
81	Electromagnetic wave manipulation based on few-layer metasurfaces and polyatomic metasurfaces. ChemPhysMater, 2021, 1, 6-6.	2.8	8
82	Transmission-Reflection-Integrated Multifunctional Continuously Tunable Metasurfaces for Decoupled Modulation of Acoustic Waves. Physical Review Applied, 2022, 17, .	3.8	8
83	Nonlinear Metasurfaces: Tripling the Capacity of Optical Vortices by Nonlinear Metasurface (Laser) Tj ETQq1 1 C).784314 r 8.7	gBŢ /Overloc
84	A Review of Topological Semimetal Phases in Photonic Artificial Microstructures. Frontiers in Physics, 2021, 9, .	2.1	7
85	Inverse Design of Few-Layer Metasurfaces Empowered by the Matrix Theory of Multilayer Optics. Physical Review Applied, 2022, 17, .	3.8	7
86	Flexible Confinement and Manipulation of Mie Resonances via Nano Rectangular Hollow Metasurfaces. Advanced Optical Materials, 2022, 10, .	7.3	7
87	Realization of near-field linear nano-polarizer by asymmetric nanoaperture and bowtie nanoantenna. Optics Express, 2013, 21, 10342.	3.4	6
88	Multi-band on-chip photonic spin Hall effect and selective excitation of whispering gallery modes with metasurface-integrated microcavity. Optics Letters, 2021, 46, 3528.	3.3	6
89	Indirectly Manipulating Nanoscale Localized Fields of Bowtie Nanoantennas with Asymmetric Nanoapertures. Plasmonics, 2013, 8, 495-499.	3.4	5
90	Interferometric Control of Signal Light Intensity by Anomalous Refraction with Plasmonic Metasurface. Plasmonics, 2016, 11, 353-358.	3.4	5

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91	Refraction: Dynamically Tunable Broadband Infrared Anomalous Refraction Based on Graphene Metasurfaces (Advanced Optical Materials 12/2015). Advanced Optical Materials, 2015, 3, 1743-1743.	7.3	4
92	Polarization State Manipulation of Electromagnetic Waves with Metamaterials and Its Applications in Nanophotonics. , 0, , .		4
93	Metasurfaces: From Singleâ€Dimensional to Multidimensional Manipulation of Optical Waves with Metasurfaces (Adv. Mater. 16/2019). Advanced Materials, 2019, 31, 1970118.	21.0	4
94	Few-layer metasurfaces with engineered structural symmetry. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	5.1	3
95	Applications of laser precisely processing technology in solar cells. Optoelectronics Letters, 2007, 3, 385-387.	0.8	2
96	Nonparaxial Split-Step Method With Local One-Dimensional Scheme for Three-Dimensional Wide-Angle Beam Propagation. Journal of Lightwave Technology, 2009, 27, 2717-2723.	4.6	1
97	Metasurfaces: Simultaneous Control of Light Polarization and Phase Distributions Using Plasmonic Metasurfaces (Adv. Funct. Mater. 5/2015). Advanced Functional Materials, 2015, 25, 824-824.	14.9	1
98	Metasurfaces: Coding Acoustic Metasurfaces (Adv. Mater. 6/2017). Advanced Materials, 2017, 29, .	21.0	1
99	Beam Deflectors: Highâ€Performance Broadband Circularly Polarized Beam Deflector by Mirror Effect of Multinanorod Metasurfaces (Adv. Funct. Mater. 34/2015). Advanced Functional Materials, 2015, 25, 5567-5567.	14.9	0
100	Polarization: Optical Polarization Encoding Using Graphene‣oaded Plasmonic Metasurfaces (Advanced Optical Materials 1/2016). Advanced Optical Materials, 2016, 4, 2-2.	7.3	0