

CITATION REPORT

List of articles citing

Fundamentals and Applications of Metasurfaces

DOI: 10.1002/smt.201600064
Small Methods, 2017, 1, 1600064.

Source: <https://exaly.com/paper-pdf/66607677/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
395	Metalenses: Versatile multifunctional photonic components. 2017 , 358,		431
394	Metasurface Holograms for Holographic Imaging. <i>Advanced Optical Materials</i> , 2017 , 5, 1700541	8.1	94
393	High-Efficiency and Full-Space Manipulation of Electromagnetic Wave Fronts with Metasurfaces. 2017 , 8,		127
392	GaN Metalens for Pixel-Level Full-Color Routing at Visible Light. 2017 , 17, 6345-6352		197
391	High-efficiency wideband reflection polarization conversion metasurface for circularly polarized waves. 2017 , 122, 043102		30
390	Angle-Multiplexed Metasurfaces: Encoding Independent Wavefronts in a Single Metasurface under Different Illumination Angles. 2017 , 7,		85
389	Dispersion controlling meta-lens at visible frequency. <i>Optics Express</i> , 2017 , 25, 21419-21427	3.3	54
388	Multi-wavelength lenses for terahertz surface wave. <i>Optics Express</i> , 2017 , 25, 24872-24879	3.3	2
387	Micro/nanolithography of transparent thin films through laser-induced release of phase-transition latent-heat. <i>Optics Express</i> , 2017 , 25, 28146	3.3	4
386	Nanoapertures with ordered rotations: symmetry transformation and wide-angle flat lensing. <i>Optics Express</i> , 2017 , 25, 31471-31477	3.3	65
385	MEMS-tunable dielectric metasurface lens. 2018 , 9, 812		320
384	Vanadium Dioxide Integrated Metasurfaces with Switchable Functionalities at Terahertz Frequencies. <i>Advanced Optical Materials</i> , 2018 , 6, 1701204	8.1	114
383	Dual-Wavelength Carpet Cloak Using Ultrathin Metasurface. <i>Advanced Optical Materials</i> , 2018 , 6, 18000731	8.1	41
382	Integrated Resonant Unit of Metasurfaces for Broadband Efficiency and Phase Manipulation. <i>Advanced Optical Materials</i> , 2018 , 6, 1800031	8.1	41
381	Ultrathin Planar Cavity Metasurfaces. 2018 , 14, e1703920		24
380	Polarization Encoded Color Image Embedded in a Dielectric Metasurface. 2018 , 30, e1707499		137
379	Subwavelength Optical Engineering with Metasurface Waves. <i>Advanced Optical Materials</i> , 2018 , 6, 1701201		100

378	A broadband achromatic metalens in the visible. 2018 , 13, 227-232		723
377	Functional metasurfaces based on metallic and dielectric subwavelength slits and stripes array. 2018 , 30, 144003		8
376	Adjustable Subwavelength Metasurface-Inspired Resonator for Magnetic Resonance Imaging. 2018 , 215, 1700788		13
375	Antimatched Electromagnetic Metasurfaces for Broadband Arbitrary Phase Manipulation in Reflection. <i>ACS Photonics</i> , 2018 , 5, 1101-1107	6.3	25
374	Holographic Resonant Laser Printing of Metasurfaces Using Plasmonic Template. <i>ACS Photonics</i> , 2018 , 5, 1665-1670	6.3	16
373	Generating structured light with phase helix and intensity helix using reflection-enhanced plasmonic metasurface at 2 μ m. <i>Applied Physics Letters</i> , 2018 , 112, 171103	3.4	9
372	Metasurface holography: from fundamentals to applications. <i>Nanophotonics</i> , 2018 , 7, 1169-1190	6.3	158
371	Multi-level coding-recoding by ultrafast phase transition on GeSbTe thin films. 2018 , 8, 4979		16
370	Realization of an Ultra-thin Metasurface to Facilitate Wide Bandwidth, Wide Angle Beam Scanning. 2018 , 8, 4761		10
369	Nonlinear metasurfaces: a paradigm shift in nonlinear optics. 2018 , 21, 8-21		241
368	Multifunctional Metamirror: Polarization Splitting and Focusing. <i>ACS Photonics</i> , 2018 , 5, 1648-1653	6.3	64
367	Quasi-Talbot effect of orbital angular momentum beams for generation of optical vortex arrays by multiplexing metasurface design. 2018 , 10, 666-671		33
366	Visible Metasurfaces for On-Chip Polarimetry. <i>ACS Photonics</i> , 2018 , 5, 2568-2573	6.3	72
365	Rochon-Prism-Like Planar Circularly Polarized Beam Splitters Based on Dielectric Metasurfaces. <i>ACS Photonics</i> , 2018 , 5, 1660-1664	6.3	46
364	Digital resonant laser printing: Bridging nanophotonic science and consumer products. 2018 , 19, 7-10		10
363	Plasmonic Metasurfaces. 2018 , 585-593		
362	Metamaterials and metasurfaces for designing metadevices: Perfect absorbers and microstrip patch antennas. 2018 , 27, 117805		2
361	Symmetric Cladding Thin Film Waveguides: From Lossy Media to Disordered Nanostructures. <i>ACS Photonics</i> , 2018 , 5, 5110-5118	6.3	2

360	Near-Field Observation of Guided-Mode Resonances on a Metasurface via Dielectric Nanosphere Excitation. <i>ACS Photonics</i> , 2018 , 5, 4238-4243	6.3	2
359	High-efficiency and Broadband Optical Beam Splitters Based on All-dielectric Polymer-based Metasurfaces. 2018 ,		
358	Application of metasurfaces in the design of performance-enhanced low-profile antennas. 2018 , 5, 11		12
357	Arrays of highly complex noble metal nanostructures using nanoimprint lithography in combination with liquid-phase epitaxy. 2018 , 10, 18186-18194		18
356	A programmable metasurface for real time control of broadband elastic rays. 2018 , 27, 115011		54
355	Compact folded metasurface spectrometer. 2018 , 9, 4196		107
354	Focused-ion-beam-based nano-kirigami: from art to photonics. <i>Nanophotonics</i> , 2018 , 7, 1637-1650	6.3	34
353	Metasurface-Based Polarimeters. 2018 , 8, 594		23
352	Coherent Pixel Design of Metasurfaces for Multidimensional Optical Control of Multiple Printing-Image Switching and Encoding. 2018 , 28, 1805306		70
351	Highly Efficient Visible Hologram through Dielectric Metasurface. 2018 , 1092, 012003		3
350	Outfitting Next Generation Displays with Optical Metasurfaces. <i>ACS Photonics</i> , 2018 , 5, 3876-3895	6.3	85
349	Solid-immersion metalenses for infrared focal plane arrays. <i>Applied Physics Letters</i> , 2018 , 113, 111104	3.4	38
348	Invited Article: Nano-kirigami metasurfaces by focused-ion-beam induced close-loop transformation. 2018 , 3, 100803		18
347	Optical metasurfaces: new generation building blocks for multi-functional optics. 2018 , 7, 58		99
346	Frequency-dependent transmission-type digital coding metasurface controlled by light intensity. <i>Applied Physics Letters</i> , 2018 , 113, 091601	3.4	17
345	Near-Field Coupling Effects in Mie-Resonant Photonic Structures and All-Dielectric Metasurfaces. <i>ACS Photonics</i> , 2018 , 5, 2888-2894	6.3	30
344	Passive temperature control based on a phase change metasurface. 2018 , 8, 7684		27
343	A review of dielectric optical metasurfaces for wavefront control. <i>Nanophotonics</i> , 2018 , 7, 1041-1068	6.3	287

342	Material platforms for optical metasurfaces. <i>Nanophotonics</i> , 2018 , 7, 959-987	6.3	90
341	A review of gap-surface plasmon metasurfaces: fundamentals and applications. <i>Nanophotonics</i> , 2018 , 7, 1129-1156	6.3	155
340	Angular Dispersions in Terahertz Metasurfaces: Physics and Applications. 2018 , 9,		29
339	Computational complex optical field imaging using a designed metasurface diffuser. 2018 , 5, 924		27
338	Centimeter-Scale Periodically Corrugated Few-Layer 2D MoS with Tensile Stretch-Driven Tunable Multifunctionalities. 2018 , 10, 30623-30630		13
337	Reconfigurable near-IR metasurface based on Ge ₂ Sb ₂ Te ₅ phase-change material. 2018 , 8, 2264		49
336	Advances in optical metasurfaces: fabrication and applications [Invited]. <i>Optics Express</i> , 2018 , 26, 13148-13182	13	139
335	High-Efficiency Metasurfaces: Principles, Realizations, and Applications. <i>Advanced Optical Materials</i> , 2018 , 6, 1800415	8.1	151
334	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
333	Full-Stokes Imaging Polarimetry Using Dielectric Metasurfaces. <i>ACS Photonics</i> , 2018 , 5, 3132-3140	6.3	117
332	Two-Photon Microscopy with a Double-Wavelength Metasurface Objective Lens. 2018 , 18, 4943-4948		46
331	Controlling phase of arbitrary polarizations using both the geometric phase and the propagation phase. 2018 , 97,		23
330	Intercell Wireless Communication in Software-defined Metasurfaces. 2018 ,		22
329	Ultra-broadband spin-controlled directional router based on single optical catenary integrated on silicon waveguide. 2018 , 11, 092202		14
328	Planar Metasurfaces Enable High-Efficiency Colored Perovskite Solar Cells. <i>Advanced Science</i> , 2018 , 5, 1800836	13.6	24
327	Controlling the radiation pattern of a microstrip patch antenna using a checkerboard patterned metasurface. 2019 ,		
326	Dynamic beam steering with all-dielectric electro-optic III-V multiple-quantum-well metasurfaces. 2019 , 10, 3654		80
325	Hyperspectral Imager with Folded Metasurface Optics. <i>ACS Photonics</i> , 2019 , 6, 2161-2167	6.3	24

324	A Broadband Radar Cross Section Reduction Metasurface Based on Polarization Conversion and Scattering Cancellation. 2019,	0
323	Strongly resonant metasurfaces supported by reflective substrates for highly efficient second- and high-harmonic generations with ultralow pump intensity. 2019, 21, 19076-19082	13
322	Optical meta-devices: advances and applications. 2019, 58, SK0801	12
321	Deep Learning Reveals Underlying Physics of Light-Matter Interactions in Nanophotonic Devices. 2019, 2, 1900088	44
320	Nanoscale nonreciprocity via photon-spin-polarized stimulated Raman scattering. 2019, 10, 3297	15
319	Roadmap on metasurfaces. 2019, 21, 073002	69
318	Ultra-compact structured light projector with all-dielectric metalenses for 3D sensing. 2019, 9, 105016	1
317	Magnetic mirror by exciting magnetic quadrupole in dielectric metasurface. 2019, 21, 125101	1
316	All-Glass, Large Metalens at Visible Wavelength Using Deep-Ultraviolet Projection Lithography. 2019, 19, 8673-8682	82
315	Low-Scattering Artificial Electromagnetic Surface with Diffuse and Absorptive Elements. 2019,	0
314	Vanadium Dioxide-Based Metasurface for Polarization Dynamic Control in Subterahertz Range. 2019,	
313	Controlling the degrees of freedom in metasurface designs for multi-functional optical devices. 2019, 1, 3786-3806	16
312	Planar metalenses in the mid-infrared. 2019, 9, 085327	9
311	Progresses in the practical metasurface for holography and lens. <i>Nanophotonics</i> , 2019, 8, 1701-1718	6.3 39
310	Digital Beam Scanning Technique Based on Space-Time-Modulated Coding Metasurface. 2019,	1
309	Metasurface Polarimeter on Optical Fiber Facet by Nano-Transfer to UV-Curable Hybrid Polymer. 2019, 25, 1-7	12
308	Efficient manipulations of circularly polarized terahertz waves with transmissive metasurfaces. 2019, 8, 16	61
307	Polarization-Controlled Broadband Accelerating Beams Generation by Single Catenary-Shaped Metasurface. <i>Advanced Optical Materials</i> , 2019, 7, 1900503	8.1 27

306	Measuring circular phase-dichroism of chiral metasurface. <i>Nanophotonics</i> , 2019 , 8, 909-920	6.3	11
305	Manipulation of the terahertz leaky wave by metal-dielectric-metal metasurface. 2019 , 12, 072008		1
304	Fault Tolerance in Programmable Metasurfaces: The Beam Steering Case. 2019 ,		6
303	Spatial and Temporal Nanoscale Plasmonic Heating Quantified by Thermoreflectance. 2019 , 19, 3796-3803		16
302	Metalens-Based Miniaturized Optical Systems. <i>Micromachines</i> , 2019 , 10,	3.3	27
301	Plasmonic versus All-Dielectric Nanoantennas for Refractometric Sensing: A Direct Comparison. <i>ACS Photonics</i> , 2019 , 6, 1556-1564	6.3	35
300	High-Efficiency Visible Light Manipulation Using Dielectric Metasurfaces. 2019 , 9, 6510		33
299	Compound Metaoptics for Amplitude and Phase Control of Wave Fronts. 2019 , 122, 113901		35
298	Empowered Layer Effects and Prominent Properties in Few-Layer Metasurfaces. <i>Advanced Optical Materials</i> , 2019 , 7, 1801477	8.1	32
297	High-Sensitivity Color Imaging Using Pixel-Scale Color Splitters Based on Dielectric Metasurfaces. <i>ACS Photonics</i> , 2019 , 6, 1442-1450	6.3	19
296	Geometric-Phase Microscopy for Quantitative Phase Imaging of Isotropic, Birefringent and Space-Variant Polarization Samples. 2019 , 9, 3608		8
295	Metasurfaces for Near-Eye Augmented Reality. <i>ACS Photonics</i> , 2019 , 6, 864-870	6.3	23
294	Intelligent Metasurfaces with Continuously Tunable Local Surface Impedance for Multiple Reconfigurable Functions. 2019 , 11,		67
293	A Spin-Encoded All-Dielectric Metahologram for Visible Light. 2019 , 13, 1900065		54
292	From Single-Dimensional to Multidimensional Manipulation of Optical Waves with Metasurfaces. 2019 , 31, e1802458		82
291	All-dielectric metasurfaces for simultaneously realizing polarization rotation and wavefront shaping of visible light. 2019 , 11, 4083-4090		26
290	High-Efficiency Full-Vector Polarization Analyzer Based on GaN Metasurface. 2019 , 19, 3654-3659		21
289	Recent advances in metasurface hologram technologies (Invited paper). 2019 , 41, 10-22		33

288	Coded Metasurface with Optical Activity Based on Broadband Asymmetric Transmission of Linearly Polarized Electromagnetic Waves. 2019 ,		2
287	Planar microwave retroreflector based on a split ring resonator metasurface. 2019 ,		1
286	Wavelength-selective beam deflector based on Fano-resonant metasurface. 2019 ,		
285	Metasurface-generated complex 3-dimensional optical fields for interference lithography. 2019 , 116, 21379-21384		16
284	Metasurface-Based Lens for Antenna Gain Enhancement and Radar Cross Section Reduction. 2019 , 11, 1-9		15
283	Multichannel-Independent Information Encoding with Optical Metasurfaces. 2019 , 31, e1804921		28
282	High-Resolution Quantitative Phase Imaging of Plasmonic Metasurfaces with Sensitivity down to a Single Nanoantenna. 2019 , 19, 1242-1250		16
281	Programmable time-domain digital-coding metasurface for non-linear harmonic manipulation and new wireless communication systems. 2019 , 6, 231-238		172
280	Broadband Functional Metasurfaces: Achieving Nonlinear Phase Generation toward Achromatic Surface Cloaking and Lensing. <i>Advanced Optical Materials</i> , 2019 , 7, 1801480	8.1	31
279	Refined Model for Plasmon Ruler Based on Catenary-Shaped Optical Fields. 2019 , 14, 845-850		4
278	Structured Semiconductor Interfaces: Active Functionality on Light Manipulation. 2020 , 108, 772-794		14
277	Ultra-broadband low scattering metasurface utilizing mixed-elements based on phase cancellation. 2020 , 53, 025102		8
276	Engineering spin and antiferromagnetic resonances to realize an efficient direction-multiplexed visible meta-hologram. 2020 , 5, 57-64		38
275	A Minimalist Single-Layer Metasurface for Arbitrary and Full Control of Vector Vortex Beams. 2020 , 32, e1905659		111
274	A broadband radar cross section reduction metasurface based on integrated polarization conversion and scattering cancelation. 2020 , 30, e22069		5
273	Ultrawide-angle and high-efficiency metalens in hexagonal arrangement. 2020 , 10, 15677		14
272	Design and experimental analysis of dual-band polarization converting metasurface for microwave applications. 2020 , 10, 15393		12
271	Enhancing the graphene photocurrent using surface plasmons and a p-n junction. 2020 , 9, 126		24

270	Demonstration of $> 2\pi$ reflection phase range in optical metasurfaces based on detuned gap-surface plasmon resonators. 2020 , 10, 19031		6
269	Direct-Splitting-Based CN-FDTD for Modeling 2D Material Nanostructure Problems. 2020 , 1, 309-319		4
268	Hydroxypropyl Cellulose Adhesives for Transfer Printing of Carbon Nanotubes and Metallic Nanostructures. 2020 , 16, e2004795		5
267	Glide-Symmetric Metallic Structures With Elliptical Holes for Lens Compression. 2020 , 68, 4236-4248		10
266	Controlling angular dispersions in optical metasurfaces. 2020 , 9, 76		51
265	New opportunities for metalenses in imaging applications. 2020 , 63, 1		4
264	A Thermal Tuning Meta-Duplex-Lens (MDL): Design and Characterization. 2020 , 10,		2
263	Tunable All-Dielectric Metasurfaces for Phase-Only Modulation of Transmitted Light Based on Quasi-bound States in the Continuum. <i>ACS Photonics</i> , 2020 , 7, 1813-1829	6.3	21
262	Coding graphene metasurface modeling using MoM-GEC method for dynamic diffusion and scattering control at Terahertz range. 2020 , 30, e22336		
261	Quadratic Meta-Reflectors Made of HfO Nanopillars with a Large Field of View at Infrared Wavelengths. 2020 , 10,		4
260	Metasurface-enabled broadband beam splitters integrated with quarter-wave plate functionality. 2020 , 12, 14106-14111		20
259	Ultrathin Dual-Polarized Huygens Metasurface: Design and Application. 2020 , 532, 2000151		9
258	Design and analysis of 2-bit matrix-type coding metasurface for stealth application. 2020 , 127, 235304		7
257	Circular Phase-Dichroism of Chiral Metasurface Using Birefringent Interference. 2020 , 20, 2681-2687		5
256	Optical Trapping of Nanoparticles Through Artificially-Engineered Flat Materials. 2020 ,		0
255	Optical wavefront shaping based on functional metasurfaces. <i>Nanophotonics</i> , 2020 , 9, 987-1002	6.3	17
254	Few-layer metasurfaces with arbitrary scattering properties. 2020 , 63, 1		7
253	Dielectric metasurfaces: From wavefront shaping to quantum platforms. 2020 , 95, 100584		12

252	Dielectric metalenses at long-wave infrared wavelengths: Multiplexing and spectroscopy. 2020 , 18, 103215		2
251	Broadband and dispersion-free reflective silver metasurfaces as half-wave plate and vortex-beam generator. 2020 , 465, 125561		12
250	Remote Sensing of High Temperatures with Refractory, Direct-Contact Optical Metacavity. <i>ACS Photonics</i> , 2020 , 7, 472-479	6.3	6
249	Highly Sensitive Polarization Rotation Measurement through a High-Order Vector Beam Generated by a Metasurface. 2020 , 5, 1901008		5
248	Fano-Enhanced Circular Dichroism in Deformable Stereo Metasurfaces. 2020 , 32, e1907077		47
247	High-Efficiency Metasurfaces with 2Phase Control Based on Aperiodic Dielectric Nanoarrays. 2020 , 10,		6
246	Increasing efficiency of high numerical aperture metasurfaces using the grating averaging technique. 2020 , 10, 7124		12
245	Electro-optically Tunable Multifunctional Metasurfaces. 2020 , 14, 6912-6920		96
244	Optical Metasurfaces Are Coming of Age: Short- and Long-Term Opportunities for Commercial Applications. <i>ACS Photonics</i> , 2020 , 7, 1323-1354	6.3	17
243	Kirigami/origami: unfolding the new regime of advanced 3D microfabrication/nanofabrication with "folding". 2020 , 9, 75		58
242	Low-loss metasurface optics down to the deep ultraviolet region. 2020 , 9, 55		71
241	HgCdTe mid-Infrared photo response enhanced by monolithically integrated meta-lenses. 2020 , 10, 6372		16
240	All-Dielectric Metasurface-Enabled Near-Infrared Switching Based on Ge ₂ Sb ₂ Te ₅ Phase-Change Material. 2020 , 49, 3913-3919		2
239	Source Image Squeezing and Field Tunneling for Propagating Light Beyond-Limit Focusing to Reach the Intermediate Zone. 2021 , 16, 619-628		0
238	Self-Assembled Colloidal Nanopatterns toward Unnatural Optical Meta-Materials. 2021 , 31, 2008246		5
237	Lithography-Free Plasmonic Color Printing with Femtosecond Laser on Semicontinuous Silver Films. <i>ACS Photonics</i> , 2021 , 8, 521-530	6.3	6
236	Graphene-Driven Metadevice for Active Microwave Camouflage with High-Efficiency Transmission Window.. <i>Small Methods</i> , 2021 , 5, e2000918	12.8	10
235	Large second-harmonic vortex beam generation with quasi-nonlinear spin-orbit interaction. 2021 , 66, 449-456		2

234	Highly Efficient Metasurface Quarter-Wave Plate with Wave Front Engineering. <i>Advanced Photonics Research</i> , 2021 , 2, 2000154	1.9	7
233	Structural, optical, and electrical properties of silver gratings prepared by nanoimprint lithography of nanoparticle ink. 2021 , 537, 147892		6
232	Metallic Waveguide Transmitarray Antennas for Generating Multibeam with High Gain and Optional Polarized States in the F-band. 2021 , 1-1		2
231	Principles, Functions, and Applications of Optical Meta-Lens. <i>Advanced Optical Materials</i> , 2021 , 9, 20014184	1.4	39
230	Broadband Achromatic Transmission-Reflection-Integrated Metasurface Based on Frequency Multiplexing and Dispersion Engineering. <i>Advanced Optical Materials</i> , 2021 , 9, 2001736	8.1	0
229	A Review on Metasurface: From Principle to Smart Metadevices. 2021 , 8,		23
228	Highly efficient transmissive metasurface for polarization control. 2021 , 53, 1		0
227	Arbitrary power allocation for multiple beams using amplitude- and phase-coded metasurfaces. 2021 , 54, 165106		4
226	Reconfigurable all-dielectric metalens with diffraction-limited performance. 2021 , 12, 1225		63
225	Cross-nanofin-based waveplate pixels for broadband hybrid polarization coding in near-field. <i>Nanophotonics</i> , 2021 , 10, 1505-1515	6.3	0
224	A review of dielectric optical metasurfaces for spatial differentiation and edge detection. 2021 , 14, 187-200		6
223	Photonics Empowered Passive Radiative Cooling. <i>Advanced Photonics Research</i> , 2021 , 2, 2000106	1.9	4
222	Metasurfaces with Planar Chiral Meta-Atoms for Spin Light Manipulation. 2021 , 21, 1815-1821		14
221	Multifunctional and Tunable Radar Absorber Based on Graphene-Integrated Active Metasurface. 2021 , 6, 2001050		11
220	Highly-efficient wavefront bending with a single-layer perforated metasurface. 2021 , 23, 025103		
219	Multidimensional Image and Beam Splitter Based on Hyperbolic Metamaterials. 2021 , 21, 1792-1799		13
218	Phase characterisation of metalenses. 2021 , 10, 52		11
217	On-Chip Orbital Angular Momentum Sorting With a Surface Plasmon Polariton Lens. 2021 , 39, 1423-1428		2

216	Multifunctional metalens generation using bilayer all-dielectric metasurfaces. <i>Optics Express</i> , 2021 , 29, 9332-9345	3.3	9
215	Diffraction-limited broadband optical meta-power-limiter. <i>Optics Letters</i> , 2021 , 46, 1293-1296	3	3
214	Maskless fabrication of plasmonic metasurfaces in polymer film using a spatial light modulator. <i>Optics Letters</i> , 2021 , 46, 1197-1200	3	1
213	Recent Advances in Polarization-Encoded Optical Metasurfaces. <i>Advanced Photonics Research</i> , 2021 , 2, 2000173	1.9	13
212	Optical spin-symmetry breaking for high-efficiency directional helicity-multiplexed metaholograms. 2021 , 7, 5		24
211	Non-linear interferometry with infrared metasurfaces. <i>Nanophotonics</i> , 2021 , 10, 1775-1784	6.3	4
210	Metasurfaces Based on Huygen's Wavefront Manipulation. 2021 , 71-83		
209	Reconfigurable Continuous Meta-Grating for Broadband Polarization Conversion and Perfect Absorption. 2021 , 14,		3
208	Coded Liquid Crystal Metasurface for Achromatic Imaging in the Broadband Wavelength Range. 2021 , 4, 5068-5075		0
207	Thermally tunable terahertz vortex beam generator based on an InSb metasurface. 2021 , 38, 1518		12
206	Meta-Deflectors Made of Dielectric Nanohole Arrays with Anti-Damage Potential. <i>Photonics</i> , 2021 , 8, 107	2.2	3
205	Metasurfaces for Stealth Applications: A Comprehensive Review. 2021 , 50, 3129-3148		4
204	Metalenses: from design principles to functional applications. 2021 , 14, 170-186		4
203	Metasurface Holography in the Microwave Regime. <i>Photonics</i> , 2021 , 8, 135	2.2	7
202	Achromatic and wide-field metalens in the visible region. <i>Optics Express</i> , 2021 , 29, 13542-13551	3.3	7
201	Semiconductor nanowire arrays for optical sensing: a numerical insight on the impact of array periodicity and density. 2021 , 32,		2
200	IR and metasurface based mm-wave camera. <i>Applied Physics Letters</i> , 2021 , 118, 184104	3.4	0
199	Editorial: Advanced Photonics Metasurfaces: Design, Fabrication, and Applications. 2021 , 9,		1

198	Geometric and physical configurations of meta-atoms for advanced metasurface holography. 2021 , 3, 739-754		19
197	Electrical Tuning of Fresnel Lens in Reflection. <i>ACS Photonics</i> , 2021 , 8, 1576-1581	6.3	4
196	Ultrasensitive Molecular Detection by Imaging of Centimeter-Scale Metasurfaces with a Deterministic Gradient Geometry. 2021 , 33, e2100270		3
195	Dynamic piezoelectric MEMS-based optical metasurfaces. 2021 , 7,		24
194	Plasmonic Metasurface Resonators to Enhance Terahertz Magnetic Fields for High-Frequency Electron Paramagnetic Resonance.. <i>Small Methods</i> , 2021 , 5, e2100376	12.8	2
193	Time-Effective Simulation Methodology for Broadband Achromatic Metalens Using Deep Neural Networks. 2021 , 11,		1
192	Engineering Dielectric Materials for High-Performance Organic Light Emitting Transistors (OLETs). 2021 , 14,		2
191	Single-Shot Three-Dimensional Orientation Imaging of Nanorods Using Spin to Orbital Angular Momentum Conversion. 2021 , 21, 7244-7251		1
190	Flat Retroreflector Based on a Metasurface Doublet Enabling Reliable and Angle-Tolerant Free-Space Optical Link. <i>Advanced Optical Materials</i> , 2100796	8.1	4
189	Dynamic resonant waveguide crossed gratings for wavelength-selective polarization conversion and optical modulation. 2021 , 4, 2284		0
188	Spin Hall effect of light based on a surface plasmonic platform. <i>Nanophotonics</i> , 2021 , 10, 3031-3048	6.3	5
187	Polarization-Sensitive High-Q Four-Arm Structured Toroidal Terahertz Metamaterial. 1		0
186	Multistate Nonvolatile Metamirrors with Tunable Optical Chirality. 2021 , 13, 45890-45897		11
185	Symmetric and asymmetric photonic spin-orbit interaction in metasurfaces. 2021 , 79, 100344		5
184	Non-local metasurfaces for spectrally decoupled wavefront manipulation and eye tracking. 2021 , 16, 1224-1230		14
183	Design of two compact waveguide display systems utilizing metasurface gratings as couplers. 2021 , 60, 8756-8765		0
182	High-efficiency all-silicon metasurfaces with 2 π phase control based on multiple resonators. 2021 , 29, 104765		0
181	Antenna Aperture Synthesis Using Mode-Converting Metasurfaces. 2021 , 2, 726-737		0

180	Low-profile Broadband Dual-polarization Double-layer Metasurface Antenna for 2G/3G/LTE Cellular Base-stations. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	5
179	From colloidal particles to photonic crystals: advances in self-assembly and their emerging applications. 2021 , 50, 5898-5951		51
178	High-Q resonances governed by the quasi-bound states in the continuum in all-dielectric metasurfaces. 2021 , 4, 200030-200030		14
177	Phase Manipulation of Electromagnetic Waves with Metasurfaces and Its Applications in Nanophotonics. <i>Advanced Optical Materials</i> , 2018 , 6, 1800104	8.1	68
176	Dielectric Metasurface from Solution-Phase Epitaxy of ZnO Nanorods for Subtractive Color Filter Application. <i>Advanced Optical Materials</i> , 2021 , 9, 2001670	8.1	2
175	Coupling coefficients for dielectric cuboids located in free space. 2020 , 59, 6918-6924		2
174	Magnetically tunable metasurface comprising InAs and InSb pixels for absorbing terahertz radiation. 2020 , 59, 9673-9680		10
173	When metasurface meets hologram: principle and advances. 2019 , 11, 518		97
172	Plasmonic resonance of distorted graphene nano-ribbon analyzed by boundary element method. <i>Optics Express</i> , 2018 , 26, 25962-25973	3.3	2
171	A Gaussian reflective metasurface for advanced wavefront manipulation. <i>Optics Express</i> , 2019 , 27, 21069-21082	3.3	2
170	Hybrid graphene metasurface for near-infrared absorbers. <i>Optics Express</i> , 2019 , 27, 24866-24876	3.3	5
169	Tunable perfect magnetic mirrors and retroreflectors in terahertz band. <i>Optics Express</i> , 2020 , 28, 753-759	3.3	8
168	Doublet metalens design for high numerical aperture and simultaneous correction of chromatic and monochromatic aberrations. <i>Optics Express</i> , 2020 , 28, 18059-18076	3.3	21
167	Towards high-throughput large-area metalens fabrication using UV-nanoimprint lithography and Bosch deep reactive ion etching. <i>Optics Express</i> , 2020 , 28, 15542-15561	3.3	9
166	Tunable metasurfaces using phase change materials and transparent graphene heaters. <i>Optics Express</i> , 2020 , 28, 33876-33889	3.3	3
165	Remote GaN metalens applied to white light-emitting diodes. <i>Optics Express</i> , 2020 , 28, 38883-38891	3.3	4
164	High numerical aperture microwave metalens. <i>Optics Letters</i> , 2020 , 45, 6262-6265	3	2
163	Multifocal metalens based on multilayer Pancharatnam-Berry phase elements architecture. <i>Optics Letters</i> , 2019 , 44, 2819	3	25

162	Phase engineering with all-dielectric metasurfaces for focused-optical-vortex (FOV) beams with high cross-polarization efficiency. 2020 , 10, 434		11
161	Polarization insensitive all-dielectric metasurfaces for the ultraviolet domain. 2020 , 10, 1083		9
160	Use of monocrystalline gold flakes for gap plasmon-based metasurfaces operating in the visible. 2019 , 9, 4209		9
159	Gap-surface plasmon metasurfaces for linear-polarization conversion, focusing, and beam splitting. <i>Photonics Research</i> , 2020 , 8, 707	6	29
158	Reconfigurable nano-kirigami metasurfaces by pneumatic pressure. <i>Photonics Research</i> , 2020 , 8, 1177	6	11
157	Multipole and multimode engineering in Mie resonance-based metastructures. <i>Nanophotonics</i> , 2020 , 9, 1115-1137	6.3	37
156	Design for quality: reconfigurable flat optics based on active metasurfaces. <i>Nanophotonics</i> , 2020 , 9, 3505-3534	6.3	32
155	Breaking polarisation-bandwidth trade-off in dielectric metasurface for unpolarised white light. <i>Nanophotonics</i> , 2020 , 9, 963-971	6.3	7
154	Large-area metasurface on CMOS-compatible fabrication platform: driving flat optics from lab to fab. <i>Nanophotonics</i> , 2020 , 9, 3071-3087	6.3	20
153	Phase-controlled metasurface design via optimized genetic algorithm. <i>Nanophotonics</i> , 2020 , 9, 3931-3939	6.3	12
152	Metasurfaces for biomedical applications: imaging and sensing from a nanophotonics perspective. <i>Nanophotonics</i> , 2020 , 10, 259-293	6.3	38
151	Evaluation of Selected Metasurfaces Sensitivity to Planar Geometry Distortions. 2020 , 10, 261		5
150	Strain-Enabled Phase Transition of Periodic Metasurfaces. 2021 , e2102560		3
149	Multiwavelength achromatic meta-lens based on multi-focal phase profile. 2018 ,		0
148	A Broadband Achromatic Metalens. 2018 ,		
147	Generation and applications of non-diffraction beam. 2018 , 67, 214204		1
146	Optical interconnects based on high-contrast all-dielectric nano-post arrays. 2018 , 57, 8664-8672		
145	All-dielectric Deep Ultraviolet Metasurfaces. 2019 ,		1

144	Geometric-Phase Microscopy for Quantitative Phase Imaging of Plasmonic Metasurfaces. 2019 ,		
143	Review of Recent Progress on Holographic Metasurface. 2019 ,		
142	Multifunctional Single-Layer Metasurface for Electromagnetic Wave Manipulations. 2020 ,		
141	Gallium Nitride Metalens for Image Decryption. 2021 , 11, 1320		0
140	Design of Tunable Nanophotonic Devices. 2020 ,		
139	Universal active metasurfaces for dynamic beam steering and reconfigurable focusing at telecommunication wavelengths. 2020 ,		
138	Design and fabrication of the vacuum ultraviolet nonlinear metasurfaces. 2020 ,		
137	Large Area Metalens for Compact Virtual Reality Optical Systems. 2021 ,		
136	Helicity-dependent continuous varifocal metalens based on bilayer dielectric metasurfaces. <i>Optics Express</i> , 2021 , 29, 39461-39472	3-3	1
135	All-dielectric metasurface with multi-function in the near-infrared band. 2020 , 37, 1731-1739		0
134	Rapid prototyping of microwave metasurfaces by ink-jet printing on polyester (PET) transparencies. 2020 , 5, 045003		1
133	Highly efficient two-dimensional beam steering using all-dielectric fiber metatip. 2022 , 148, 107694		
132	Functional Metasurface Quarter-Wave Plates for Simultaneous Polarization Conversion and Beam Steering. 2021 ,		5
131	3D printing of metasurface-based dual-linear polarization converter.		0
130	Graphene-Based Tunable Broadband Polarizer for Infrared Frequency. 2022 , 52, 1		0
129	Full-color-sorting metalenses for high-sensitivity image sensors.		2
128	On-demand terahertz surface wave generation with MEMS-based metasurface.		4
127	Photoelastic plasmonic metasurfaces with ultra-large near infrared spectral tuning.. 2021 ,		3

126	Tunable Metasurface Using Thin-Film Lithium Niobate in the Telecom Regime. <i>ACS Photonics</i> ,	6.3	3
125	A review of high-efficiency Pancharatnam-Berry metasurfaces. 2020 , 13, 73-89		1
124	An Ultrathin and Low-Profile Huygens Meta-Lens Antenna. 2020 ,		2
123	Wideband Linear Wire-grid Plasmonic Polarizer for Visible and Near - Infrared Applications. 2021 ,		
122	Spatial Separation of Scalar Light Beams with Orbital Angular Momentum Using a Phase Metasurface. 2021 , 114, 441-446		0
121	Tunable squared patch-based graphene metasurface infrared polarizer. 2022 , 128, 1		28
120	Theoretical Comparison of Optothermal Absorption in Transmissive Metalenses Composed of Nanobricks and Nanoholes. <i>Photonics</i> , 2022 , 9, 39	2.2	
119	Ge-Sb thin films patterned by heat-mode lithography.		
118	Numerical investigation of the tunable polarizer using gold array and graphene metamaterial structure for an infrared frequency range. 2022 , 128, 1		28
117	Active Control of THz Waves in Wireless Environments using Graphene-based RIS. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	2
116	Design of an achromatic optical polarization-insensitive zoom metalens.. <i>Optics Letters</i> , 2022 , 47, 1263-1266		1
115	Inverse Design of Few-Layer Metasurfaces Empowered by the Matrix Theory of Multilayer Optics. 2022 , 17,		0
114	Intelligent metaphotonics empowered by machine learning. 2022 , 5, 210147-210147		6
113	Meta-lens light-sheet fluorescence microscopy for in vivo imaging. <i>Nanophotonics</i> , 2022 ,	6.3	1
112	Rotational Multiplexing Method Based on Cascaded Metasurface Holography. <i>Advanced Optical Materials</i> , 2102166	8.1	6
111	Reconfigurable phase-change metasurfaces from efficient wavefront manipulation to perfect absorption. 2022 , 57, 5426-5437		1
110	Metasurface-Based Abrupt Autofocusing Beam for Biomedical Applications.. <i>Small Methods</i> , 2022 , e2101228	12.28	0
109	Ultra Fast Switching of DFLC Based Dynamic Metasurfaces. 2022 , 10,		

108	Enhanced generation of angle correlated photon-pairs in nonlinear metasurfaces. 2022 , 24, 035006		2
107	Tutorial on metalenses for advanced flat optics: Design, fabrication, and critical considerations. 2022 , 131, 091101		3
106	Ultra-broadband Pancharatnam-Berry phase metasurface for arbitrary rotation of linear polarization and beam splitter.. <i>Optics Express</i> , 2022 , 30, 15158-15171	3.3	1
105	Ultracompact Nanophotonics: Light Emission and Manipulation with Metasurfaces.. 2022 , 17, 41		1
104	Metasurface wavefront control for high-performance user-natural augmented reality waveguide glasses.. 2022 , 12, 5832		4
103	Recent progress in metasurface-enabled optical waveplates. <i>Nanophotonics</i> , 2022 ,	6.3	4
102	Epsilon-Near-Zero Plasmonics. 2022 , 27-55		1
101	Accurate semi-numerical approach for multilayer metasurfaces with near-field coupling. <i>Optics Express</i> , 2021 , 29, 42225	3.3	1
100	Four-Channel Kaleidoscopic Metasurfaces Enabled by a Single-Layered Single-Cell Quad-Band Meta-Atom. 2022 , 5, 2100301		1
99	Application of Tamm Plasmon Polaritons and Cavity Modes for Biosensing in the Combined Spectroscopic Ellipsometry and Quartz Crystal Microbalance Method.. 2021 , 11,		0
98	Machine learning framework for quantum sampling of highly constrained, continuous optimization problems. 2021 , 8, 041418		3
97	Metasurface Photodetectors.. <i>Micromachines</i> , 2021 , 12,	3.3	0
96	Flat telescope based on an all-dielectric metasurface doublet enabling polarization-controllable enhanced beam steering. <i>Nanophotonics</i> , 2022 , 11, 405-413	6.3	1
95	Controlling asymmetric transmission phase in planar chiral metasurfaces. <i>Nanophotonics</i> , 2022 , 11, 495-505	5.5	3
94	Direction Controllable Nano-Patterning of Titanium by Ultrafast Laser for Surface Coloring and Optical Encryption. <i>Advanced Optical Materials</i> , 2022 , 10, 2101673	8.1	4
93	Multifunctional all-dielectric metasurface quarter-wave plates for polarization conversion and wavefront shaping.. <i>Optics Letters</i> , 2022 , 47, 2478-2481	3	1
92	Meta-Lens in the Sky. <i>IEEE Access</i> , 2022 , 10, 46552-46557	3.5	0
91	Metalens based stereoscopic microscope. <i>Photonics Research</i> ,	6	0

90	Resonant tunneling and bound states in the continuum. <i>Low Temperature Physics</i> , 2022 , 48, 389-395	0.7	
89	Deep-Learning Enabled Multicolor Meta-Holography. <i>Advanced Optical Materials</i> , 2102628	8.1	1
88	Ultra-wideband linear-to-circular polarizer realized by bi-layer metasurfaces. <i>Optics Express</i> , 2022 , 30, 18392	3.3	0
87	Multifunctional and Transformative Metaphotonics with Emerging Materials.. <i>Chemical Reviews</i> , 2022 ,	68.1	4
86	Broadband spin-unlocked metasurfaces for bifunctional wavefront manipulations. <i>Applied Physics Letters</i> , 2022 , 120, 181702	3.4	1
85	Research of Gate-Tunable Phase Modulation Metasurfaces Based on Epsilon-Near-Zero Property of Indium-Tin-Oxide. <i>Photonics</i> , 2022 , 9, 323	2.2	1
84	FMM IE-GSTC Simulation of Metasurfaces with Complete Dyadic Surface Susceptibilities. 2022 ,		
83	Accelerated IE-GSTC Solver for Large-Scale Metasurface Field Scattering Problems using Fast Multipole Method (FMM). <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	0
82	Additive-Manufactured, Highly-Conductive Metasurfaces, with Application Enabling Secondary Properties, for Microwave Waveguide Components. <i>IEEE Access</i> , 2022 , 1-1	3.5	
81	Scalable, Nanometer-Accurate Fabrication of All-Dielectric Metasurfaces with Narrow Resonances Tunable from Near Infrared to Visible Wavelengths. <i>Advanced Photonics Research</i> , 2200014	1.9	0
80	Ultrasensitive Molecular Detection at Subpicomolar Concentrations by the Diffraction Pattern Imaging with Plasmonic Metasurfaces and Convex Holographic Gratings. <i>Advanced Science</i> , 2201682	13.6	2
79	Artificial Intelligence in Meta-optics. <i>Chemical Reviews</i> ,	68.1	5
78	Ultra-dense moving cascaded metasurface holography by using a physics-driven neural network. <i>Optics Express</i> , 2022 , 30, 24285	3.3	
77	Digital Polarization Programmable Metasurface for Continuous Polarization Angle Rotation and Radar Applications. <i>Frontiers in Materials</i> , 9,	4	
76	Robustness Analysis of Metasurfaces: Perfect Structures Are Not Always the Best. <i>ACS Photonics</i> ,	6.3	0
75	Recent Advancement in Optical Metasurface: Fundament to Application. <i>Micromachines</i> , 2022 , 13, 1025	3.3	2
74	Metamaterials: From fundamental physics to intelligent design.		0
73	Electro-optic metasurface-based free-space modulators. 2022 , 14, 11407-11414		1

72	Ultra-Thin, Short-Focus, and High-Aperture Metalens for Generating and Detecting Laser Optical Vortices. 2022 , 12, 2602	0
71	Inverse-Designed Meta-Optics with Spectral-Spatial Engineered Response to Mimic Color Perception. 2200734	1
70	Unmasking the Resolution-Throughput Tradespace of Focused-Ion-Beam Machining. 2111840	
69	Polarization-controlled varifocal metalens with a phase change material GSST in mid-infrared. 2022 , 30, 32501	0
68	Terahertz quasi non-diffraction Bessel vortex beam generation using three lattice types reflective metasurface. 2022 , 30, 31653	2
67	Broad-Band Polarization-Insensitive Metasurface Holography with a Single-Phase Map. 2022 , 14, 36019-36026	6
66	Femtosecond Laser Direct-Write Plasmonic Nanolithography in Dielectrics. 2200038	
65	Generation of scalar/vectorial vortex beams by using the plasmonic metasurfaces. 2022 , 61, 7336	0
64	Metasurfaces for quantum technologies. 2022 , 75, 38-44	2
63	Broadband devices for a polarization converter based on optical metasurfaces. 2022 , 61, 7119	
62	Emerging Trend in Unconventional Metasurfaces: From Nonlinear, Non-Hermitian to Nonclassical Metasurfaces.	2
61	Polarization-insensitive unidirectional meta-retroreflector. 2022 , 156, 108497	0
60	The Impact of Manufacturing Imperfections on the Performance of Metalenses and a Manufacturing-Tolerant Design Method. 2022 , 13, 1531	0
59	Generalized equivalent circuit model for analysis of graphene/metal-based plasmonic metasurfaces using Floquet expansion. 2022 , 30, 35486	0
58	Tunable Metasurface using thin film lithium-niobate in the telecom regime. 2022 ,	0
57	Wafer-Scale Functional Metasurfaces on Free-Standing Membranes. 2022 ,	0
56	An Ultrathin, Low-Profile and High-Efficiency Metalens Antenna Based on Chain Huygens Metasurface. 2022 , 1-1	0
55	On the Enabling of Multi-Receiver Communications With Reconfigurable Intelligent Surfaces. 2022 , 21, 413-423	0

54	Active metasurfaces based on phase transition material vanadium dioxide.	0
53	Dynamic Phase-Change Metawaveplates for Advanced Wavefront Shaping. 2200261	0
52	Manipulating Light with Tunable Nanoantennas and Metasurfaces.	0
51	General Guided-Wave Impedance-Matching Networks with Waveguide-Metamaterial Elements. 2022, 18,	0
50	Smart Modulators Based on Electric Field-Triggering of Surface Plasmon Polariton for Active Plasmonics. 2022, 12, 3366	0
49	Error analysis of a rotating-metasurface polarimeter.	0
48	Design and fabrication of a metalens with a hexagonal array of intersecting-wall meta-atoms for operation in the near-infrared. 2022,	0
47	Optimizing Metasurface-Component Performance by Improving Transmittance and Phase Match of the Nanopillars. 2022, 12, 3720	0
46	Band-stop filter based on metal-insulator-metal hybridized with graphene layer in telecommunication regime. 2022, 32, 116206	0
45	Plasmonic metasurface created by a grating of two-dimensional electron strips on a substrate. 2022, 106,	0
44	Dual-functional polarization converter of all-dielectric metasurface with chiral L-type meta-atom.	0
43	Micro-dimensional oscillation-based optimization for a dielectric metalens in the mid-infrared. 2022 , 61, 9324	0
42	Terahertz Pulse Generation with Binary Phase Control in Nonlinear InAs Metasurface.	0
41	An Optically Transparent Graphene-based Cognitive Metasurface for Adaptive Frequency Manipulation.	0
40	Metasurface Based Spin-Selective Wollaston-and-Rochon-Prism-Like Circularly Polarized Beam Splitter. 2200574	0
39	Dynamic beam all-dielectric coding metasurface converter based on phase change materials of GST. 2023, 159, 109037	0
38	Inverse design of generic metasurfaces for multifunctional wavefront shaping based on deep neural networks. 2023, 159, 109038	0
37	Planar metasurface-based concentrators for solar energy harvest: from theory to engineering. 2022, 3,	1

- 36 A numerical investigation study on tunable graphene-squared pixel array-based infrared polarizer. **2023**, 129, 0
- 35 Nonlinear Photonics with Metasurfaces. 1
- 34 Introduction of Metasurfaces. **2023**, 1-15 0
- 33 Tunable Optical Anisotropic Metasurfaces with Dynamic Control of In-Plane Symmetry. **2023**, 73-89 0
- 32 Thickness bound for nonlocal wide-field-of-view metalenses. **2022**, 11, 2
- 31 Modifying the Quality Factors of the Bound States in the Continuum in a Dielectric Metasurface by Mode Coupling. 0
- 30 Graphene-based Pancharatnam-Berry phase metasurface in the terahertz domain for dynamically independent amplitude and phase manipulation. **2023**, 31, 3349 0
- 29 3D Printed Spin-Decoupled Transmissive Metasurfaces Based on Versatile Broadband Cross-Polarization Rotation Meta-Atom. 2202416 0
- 28 Bioinspired Carbon Superstructures for Efficient Electromagnetic Shielding. 0
- 27 Optical reflective metasurfaces based on mirror-coupled slot antennas. **2023**, 2, 0
- 26 Terahertz Meta-Device for Airy Beam Manipulation. **2022**, 0
- 25 Near-unity uniformity and efficiency broadband meta-beam-splitter/combiner. **2023**, 31, 3984 0
- 24 Chiral-magic angle of nanoimprint meta-device. **2023**, 0
- 23 Metric Learning: Harnessing the Power of Machine Learning in Nanophotonics. 0
- 22 Electrically tunable conducting oxide metasurfaces for high power applications. **2023**, 12, 239-253 0
- 21 A 6G meta-device for 3D varifocal. **2023**, 9, 0
- 20 Dispersion characteristics analysis of a four-layer high-numerical-aperture focusing metalens. **2022**, 0
- 19 Dynamic beam control based on electrically switchable nanogratings from conducting polymers. **2023**, 0

- 18 Error calibration method for a vortex retarder based spatially modulated polarimeter. **2023**, 212, 112631 ○
- 17 A shared-aperture transmissive/reflective bi-functional metasurface for both transmitarray and reflectarray. **2023**, 164, 154631 ○
- 16 Broadband single-cell-driven multifunctional metalensing. **2023**, 13, 575 ○
- 15 High-NA and broadband achromatic metalens for sub-diffraction focusing of long-wavelength infrared waves. **2023**, 46, 106308 ○
- 14 Dark and bright modes, and their coherent control in dipolar metasurface bilayers. **2023**, 107, ○
- 13 Multi-frequency amplitude-programmable metasurface for multi-channel electromagnetic controls. **2023**, ○
- 12 Ultra-wideband linear-polarization conversion metasurface with high-efficient asymmetric transmission. **2023**, 129, ○
- 11 Single-Layered Phase-Change Metasurfaces Achieving Polarization- and Crystallinity-Dependent Wavefront Manipulation. **2023**, 10, 344 ○
- 10 Metasurface-Based Solid Poincaré Sphere Polarizer. **2023**, 130, ○
- 9 Normalizing Flows for Efficient Inverse Design of Thermophotovoltaic Emitters. ○
- 8 Design of Full Stokes Vector Polarimetry Based on Metasurfaces for Wide-Angle Incident Light. **2023**, 10, 382 ○
- 7 Simultaneous occurrence and compensating effects of multi-type disorder in two-dimensional photonic structures. ○
- 6 Meta-optics inspired surface plasmon devices. **2023**, 2, R02 ○
- 5 Nonlocal electro-optic metasurfaces for free-space light modulation. **2023**, ○
- 4 Multi-functional liquid crystal devices based on random binary matrix algorithm. 1-8 ○
- 3 Nonlinear nonlocal metasurfaces. **2023**, 122, 160502 ○
- 2 Silicon Fresnel Zone Plate Metalens with Subwavelength Gratings. **2023**, 23, 4137 ○
- 1 Broadband polarization-insensitive metalens with excellent achromaticity and high efficiency for the entire visible spectrum. **2023**, 122, ○

