

Jing Wen

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

902
citations

430754

18
h-index

477173

29
g-index

41
all docs

41
docs citations

41
times ranked

1093
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of high-uniformity and high-resolution Bessel beam arrays through all-dielectric metasurfaces. <i>Nanophotonics</i> , 2022, 11, 967-977.	2.9	13
2	Computational screening of functionalized MXenes to catalyze the solid and non-solid conversion reactions in cathodes of lithium-sulfur batteries. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 8913-8922.	1.3	4
3	High-Efficiency Plasmonic Lens Based on Archimedes-Spiral with Cross Section of an Asymmetric Slot. <i>Crystals</i> , 2022, 12, 316.	1.0	1
4	Broadband generation of accelerating polygon beams with large curvature ratio and small focused spot using all-dielectric metasurfaces. <i>Nanophotonics</i> , 2022, 11, 1203-1210.	2.9	3
5	Experimental Demonstration of Genetic Algorithm Based Metalens Design for Generating Side-Lobe-Suppressed, Large Depth-of-Focus Light Sheet. <i>Laser and Photonics Reviews</i> , 2022, 16, .	4.4	20
6	Resilience, self-esteem, self-efficacy, social support, depression and ART adherence among people living with HIV in Sichuan, China. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2021, 33, 1414-1421.	0.6	22
7	Ultra-Broadband High-Efficiency Airy Optical Beams Generated with All-Silicon Metasurfaces. <i>Advanced Optical Materials</i> , 2021, 9, .	3.6	27
8	All-Dielectric Synthetic-Phase Metasurfaces Generating Practical Airy Beams. <i>ACS Nano</i> , 2021, 15, 1030-1038.	7.3	41
9	Use of Dielectric Metasurfaces to Generate Deep-Subwavelength Nondiffractive Bessel-Like Beams with Arbitrary Trajectories and Ultralarge Deflection. <i>Laser and Photonics Reviews</i> , 2021, 15, 2000487.	4.4	22
10	<i>Pseudomonas aeruginosa</i> T6SS-mediated molybdate transport contributes to bacterial competition during anaerobiosis. <i>Cell Reports</i> , 2021, 35, 108957.	2.9	32
11	Detection and Classification of Multi-Type Cells by Using Confocal Raman Spectroscopy. <i>Frontiers in Chemistry</i> , 2021, 9, 641670.	1.8	8
12	Progress of Two-Dimensional $\text{Ti}_3\text{C}_2\text{T}_x$ in Supercapacitors. <i>ChemSusChem</i> , 2020, 13, 1296-1329.	3.6	45
13	Polarization Insensitive, Broadband, Near Diffraction-Limited Metalens in Ultraviolet Region. <i>Nanomaterials</i> , 2020, 10, 1439.	1.9	22
14	Hamiltonian Hopping for Efficient Chiral Mode Switching in Encircling Exceptional Points. <i>Physical Review Letters</i> , 2020, 125, 187403.	2.9	44
15	Polarization-independent Wavefront Manipulation of Surface Plasmons with Plasmonic Metasurfaces. <i>Advanced Optical Materials</i> , 2020, 8, 2000868.	3.6	12
16	High-Efficiency, Broadband, Near Diffraction-Limited, Dielectric Metalens in Ultraviolet Spectrum. <i>Nanomaterials</i> , 2020, 10, 490.	1.9	29
17	Polarization-independent highly efficient generation of Airy optical beams with dielectric metasurfaces. <i>Photonics Research</i> , 2020, 8, 1148.	3.4	29
18	High-efficiency, large-area lattice light-sheet generation by dielectric metasurfaces. <i>Nanophotonics</i> , 2020, 9, 4043-4051.	2.9	13

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19	An achromatic metalens in the near-infrared region with an array based on a single nano-rod unit. Applied Physics Express, 2019, 12, 092003.	1.1	23
20	One-step synthesis of few-layer niobium carbide MXene as a promising anode material for high-rate lithium ion batteries. Dalton Transactions, 2019, 48, 14433-14439.	1.6	45
21	Understanding the Different Diffusion Mechanisms of Hydrated Protons and Potassium Ions in Titanium Carbide MXene. ACS Applied Materials & Interfaces, 2019, 11, 7087-7095.	4.0	36
22	Restoring the silenced surface second-harmonic generation in split-ring resonators by magnetic and electric mode matching. Optics Express, 2019, 27, 26377.	1.7	12
23	Graphene-based metasurfaces for switching polarization states of anomalous reflection and focusing. Optics Letters, 2019, 44, 5764.	1.7	15
24	Effect of the adhesion of Ag coatings on the effectiveness and durability of antibacterial properties. Journal of Materials Science, 2018, 53, 4759-4767.	1.7	14
25	Self-assembled Ti ₃ C ₂ T _x /SCNT composite electrode with improved electrochemical performance for supercapacitor. Journal of Colloid and Interface Science, 2018, 511, 128-134.	5.0	107
26	Miniaturization for Dual-Beam Super-Resolution Optical Data Storage System with Ultra-High Capacities. , 2018, , .		0
27	Dual-Band Perfect Metamaterial Absorber Based on an Asymmetric H-Shaped Structure for Terahertz Waves. Materials, 2018, 11, 2193.	1.3	17
28	Ultrathin Terahertz Dual-Band Perfect Metamaterial Absorber Using Asymmetric Double-Split Rings Resonator. Symmetry, 2018, 10, 293.	1.1	17
29	Plasmonic Holographic Metasurfaces for Generation of Vector Optical Beams. IEEE Photonics Journal, 2017, 9, 1-8.	1.0	10
30	Free-standing Ti ₃ C ₂ T _x electrode with ultrahigh volumetric capacitance. RSC Advances, 2017, 7, 11998-12005.	1.7	98
31	Arbitrary continuous nano-marks generated by multifocal spot arrays for controllable laser printing. Laser Physics, 2017, 27, 046201.	0.6	2
32	Properties of Garnet Monolayer Graphene Depolarizer. IEEE Photonics Journal, 2017, 9, 1-8.	1.0	1
33	Structural formation and charge storage mechanisms for intercalated two-dimensional carbides MXenes. Physical Chemistry Chemical Physics, 2017, 19, 9509-9518.	1.3	19
34	Ultra-Broadband Excitations of Plasmonic Waveguides by Bowtie Apertures. Plasmonics, 2017, 12, 1257-1262.	1.8	4
35	Focal-length-tunable elastomer-based liquid-filled plano-convex mini lens. Optics Letters, 2016, 41, 404.	1.7	13
36	Six-month changes in cytokine levels after intravitreal bevacizumab injection for diabetic macular oedema and macular oedema due to central retinal vein occlusion. British Journal of Ophthalmology, 2015, 99, 1334-1340.	2.1	24

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37	Multifocal array with controllable polarization in each focal spot. Optics Express, 2015, 23, 24688.	1.7	33
38	Side by side ZnO/ZnS hetero-junction nanocrystal arrays with superior field emission property. CrystEngComm, 2013, 15, 1908.	1.3	17
39	A unique arrangement of atoms for the homologous compounds $\text{InMO}_3(\text{ZnO})_m$ ($M = \text{Al, Fe, Ga, and In}$). Journal of Applied Physics, 2012, 111, 113716.	1.1	8
40	Time delay estimation method for leak location of buried water distribution pipes. , 2008, , .		0
41	Online non-contact fault detection of LED chips. , 2008, , .		0