Jing Wen

List of Publications by Year
in descending order

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	Self-assembled Ti3C2Tx/SCNT composite electrode with improved electrochemical performance for supercapacitor. Journal of Colloid and Interface Science, 2018, 511, 128-134.	5.0	107
2	Free-standing Ti₃C₂T_xelectrode with ultrahigh volumetric capacitance. RSC Advances, 2017, 7, 11998-12005.	1.7	98
3	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
4	Progress of Twoâ€Dimensional Ti₃C₂T_x in Supercapacitors. ChemSusChem, 2020, 13, 1296-1329.	3.6	45
5	Hamiltonian Hopping for Efficient Chiral Mode Switching in Encircling Exceptional Points. Physical Review Letters, 2020, 125, 187403.	2.9	44
6	All-Dielectric Synthetic-Phase Metasurfaces Generating Practical Airy Beams. ACS Nano, 2021, 15, 1030-1038.	7.3	41
7	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
8	Multifocal array with controllable polarization in each focal spot. Optics Express, 2015, 23, 24688.	1.7	33
9	Pseudomonas aeruginosa T6SS-mediated molybdate transport contributes to bacterial competition during anaerobiosis. Cell Reports, 2021, 35, 108957.	2.9	32
10	High-Efficiency, Broadband, Near Diffraction-Limited, Dielectric Metalens in Ultraviolet Spectrum. Nanomaterials, 2020, 10, 490.	1.9	29
11	Polarization-independent highly efficient generation of Airy optical beams with dielectric metasurfaces. Photonics Research, 2020, 8, 1148.	3.4	29
12	Ultraâ€Broadband Highâ€Efficiency Airy Optical Beams Generated with Allâ€Silicon Metasurfaces. Advanced Optical Materials, 2021, 9, .	3.6	27
13	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
14	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
15	Resilience, self-esteem, self-efficacy, social support, depression and ART adherence among people living with HIV in Sichuan, China. AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV, 2021, 33, 1414-1421.	0.6	22
16	Polarization Insensitive, Broadband, Near Diffraction-Limited Metalens in Ultraviolet Region. Nanomaterials, 2020, 10, 1439.	1.9	22
17	Use of Dielectric Metasurfaces to Generate Deepâ€Subwavelength Nondiffractive Besselâ€Like Beams with Arbitrary Trajectories and Ultralarge Deflection. Laser and Photonics Reviews, 2021, 15, 2000487.	4.4	22
18	Experimental Demonstration of Genetic Algorithm Based Metalens Design for Generating Sideâ€Lobeâ€Suppressed, Large Depthâ€ofâ€Focus Light Sheet. Laser and Photonics Reviews, 2022, 16, .	4.4	20

#	Article	IF	Citations
19	Structural formation and charge storage mechanisms for intercalated two-dimensional carbides MXenes. Physical Chemistry Chemical Physics, 2017, 19, 9509-9518.	1.3	19
20	Side by side ZnO/ZnS hetero-junction nanocrystal arrays with superior field emission property. CrystEngComm, 2013, 15, 1908.	1.3	17
21	Dual-Band Perfect Metamaterial Absorber Based on an Asymmetric H-Shaped Structure for Terahertz Waves. Materials, 2018, 11, 2193.	1.3	17
22	Ultrathin Terahertz Dual-Band Perfect Metamaterial Absorber Using Asymmetric Double-Split Rings Resonator. Symmetry, 2018, 10, 293.	1.1	17
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	Focal-length-tunable elastomer-based liquid-filled planoâ€“convex mini lens. Optics Letters, 2016, 41, 404.	1.7	13
26	High-efficiency, large-area lattice light-sheet generation by dielectric metasurfaces. Nanophotonics, 2020, 9, 4043-4051.	2.9	13
27	Generation of high-uniformity and high-resolution Bessel beam arrays through all-dielectric metasurfaces. Nanophotonics, 2022, 11, 967-977.	2.9	13
28	Polarizationâ€Independent Wavefront Manipulation of Surface Plasmons with Plasmonic Metasurfaces. Advanced Optical Materials, 2020, 8, 2000868.	3.6	12
29	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
30	Plasmonic Holographic Metasurfaces for Generation of Vector Optical Beams. IEEE Photonics Journal, 2017, 9, 1-8.	1.0	10
31	A unique arrangement of atoms for the homologous compounds InMO3(ZnO)m (Mâ€‰=â€‰Al, Fe, Ga, and In). Journal of Applied Physics, 2012, 111, 113716.	1.1	8
32	Detection and Classification of Multi-Type Cells by Using Confocal Raman Spectroscopy. Frontiers in Chemistry, 2021, 9, 641670.	1.8	8
33	Ultra-Broadband Excitations of Plasmonic Waveguides by Bowtie Apertures. Plasmonics, 2017, 12, 1257-1262.	1.8	4
34	Computational screening of functionalized MXenes to catalyze the solid and non-solid conversion reactions in cathodes of lithiumâ€“sulfur batteries. Physical Chemistry Chemical Physics, 2022, 24, 8913-8922.	1.3	4
35	Broadband generation of accelerating polygon beams with large curvature ratio and small focused spot using all-dielectric metasurfaces. Nanophotonics, 2022, 11, 1203-1210.	2.9	3
36	Arbitrary continuous nano-marks generated by multifocal spot arrays for controllable laser printing. Laser Physics, 2017, 27, 046201.	0.6	2

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37	Properties of Garnet Monolayer Graphene Depolarizer. IEEE Photonics Journal, 2017, 9, 1-8.	1.0	1
38	High-Efficiency Plasmonic Lens Based on Archimedes-Spiral with Cross Section of an Asymmetric Slot. Crystals, 2022, 12, 316.	1.0	1
39	Time delay estimation method for leak location of buried water distribution pipes. , 2008, , .		0
40	Online non-contact fault detection of LED chips. , 2008, , .		0
41	Miniaturization for Dual-Beam Super-Resolution Optical Data Storage System with Ultra-High Capacities. , 2018, , .		0