

Qian Wang

List of Publications by Year in descending order

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39
papers

2,988
citations

393982

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times ranked

3847
citing authors

#	ARTICLE	IF	CITATIONS
1	Controllable Polarization-insensitive and Large-angle Beam Switching with Phase-change Metasurfaces. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	7
2	Germanium-carborundum Surface Phonon-polariton Infrared Metamaterial. <i>Advanced Optical Materials</i> , 2021, 9, 2001652.	3.6	7
3	Ultra-high extinction-ratio light modulation by electrically tunable metasurface using dual epsilon-near-zero resonances. <i>Opto-Electronic Advances</i> , 2021, 4, 200088-200088.	6.4	32
4	Spin-to-orbital angular momentum conversion in symmetric dielectric nanorings. <i>Applied Physics Letters</i> , 2021, 118, 161106.	1.5	3
5	Electrostatically Tunable Near-infrared Plasmonic Resonances in Solution-Processed Atomically Thin NbSe ₂ . <i>Advanced Materials</i> , 2021, 33, e2101950.	11.1	11
6	Multistate Tuning of Third Harmonic Generation in Fano-Resonant Hybrid Dielectric Metasurfaces. <i>Advanced Functional Materials</i> , 2021, 31, 2104627.	7.8	17
7	Coherently tunable metalens tweezers for optofluidic particle routing. <i>Optics Express</i> , 2020, 28, 38949.	1.7	14
8	Far-field controllable excitation of phonon polariton via nanostructure engineering. <i>Optics Express</i> , 2020, 28, 39156.	1.7	0
9	Tunable and reconfigurable metasurfaces and metadevices. <i>Opto-Electronic Advances</i> , 2018, 1, 18000901-18000925.	6.4	272
10	Controlling thermal emission of phonon by magnetic metasurfaces. <i>Scientific Reports</i> , 2017, 7, 41858.	1.6	23
11	Reconfigurable optical manipulation by phase change material waveguides. <i>Nanoscale</i> , 2017, 9, 6895-6900.	2.8	15
12	Reconfigurable phase-change photomask for grayscale photolithography. <i>Applied Physics Letters</i> , 2017, 110, .	1.5	22
13	Photon-nanosieve for ultrabroadband and large-angle-view holograms. <i>Laser and Photonics Reviews</i> , 2017, 11, 1700025.	4.4	43
14	On-chip photonic Fourier transform with surface plasmon polaritons. <i>Light: Science and Applications</i> , 2016, 5, e16034-e16034.	7.7	58
15	Optically reconfigurable metasurfaces and photonic devices based on phase change materials. <i>Nature Photonics</i> , 2016, 10, 60-65.	15.6	918
16	Mode-matching metasurfaces: coherent reconstruction and multiplexing of surface waves. <i>Scientific Reports</i> , 2015, 5, 10529.	1.6	16
17	WATER-IMMERSION DEEP-SUBWAVELENGTH SURFACE PLASMON VIRTUAL PROBES. <i>Journal of Molecular and Engineering Materials</i> , 2014, 02, 1440010.	0.9	0
18	1.7 Gbit/in.2 gray-scale continuous-phase-change femtosecond image storage. <i>Applied Physics Letters</i> , 2014, 104, .	1.5	55

#	ARTICLE	IF	CITATIONS
19	2D cognitive optical data processing with phase change materials. , 2014, , .		0
20	Polarization-Controlled Tunable Directional Coupling of Surface Plasmon Polaritons. Science, 2013, 340, 331-334.	6.0	1,021
21	Singular diffraction-free surface plasmon beams generated by overlapping phase-shifted sources. Optics Letters, 2013, 38, 1182.	1.7	16
22	Self-imaging generation of plasmonic void arrays. Optics Letters, 2013, 38, 2783.	1.7	14
23	Mapping plasmonic near-field profiles and interferences by surface-enhanced Raman scattering. Scientific Reports, 2013, 3, 3064.	1.6	47
24	Binary surface plasmon hologram: An in-plane Airy plasmon generator. , 2013, , .		0
25	Dynamic generation of plasmonic Moiré fringes using phase-engineered optical vortex beam. Optics Letters, 2012, 37, 2715.	1.7	14
26	A dynamic plasmonic manipulation technique assisted by phase modulation of an incident optical vortex beam. Nanotechnology, 2012, 23, 385204.	1.3	18
27	Subwavelength-Sized Plasmonic Structures for Wide-Field Optical Microscopic Imaging with Super-Resolution. Plasmonics, 2012, 7, 427-433.	1.8	29
28	Beam engineering of quantum cascade lasers. Laser and Photonics Reviews, 2012, 6, 24-46.	4.4	56
29	Manipulation of surface plasmon polaritons by phase modulation of incident light. Optics Express, 2011, 19, 224.	1.7	22
30	Phase singularity of surface plasmon polaritons generated by optical vortices. Optics Letters, 2011, 36, 3287.	1.7	23
31	High-resolution wide-field standing-wave surface plasmon resonance fluorescence microscopy with optical vortices. Applied Physics Letters, 2010, 97, .	1.5	50
32	High-resolution 2D plasmonic fan-out realized by subwavelength slit arrays. Optics Express, 2010, 18, 2662.	1.7	28
33	Deterministic relief dielectric structures to realize phase modulation of surface-plasmon polaritons. Optics Letters, 2010, 35, 4196.	1.7	3
34	Experimental study of plasmonic structures with variant periods for sub-wavelength focusing: analyses of characterization errors. Journal of Modern Optics, 2009, 56, 1550-1556.	0.6	19
35	Surface plasmon converging and diverging properties modulated by polymer refractive structures on metal films. Optics Express, 2009, 17, 11315.	1.7	7
36	Analysis of surface plasmon interference pattern formed by optical vortex beams. Optics Express, 2008, 16, 18451.	1.7	23

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37	Phase modulation of surface plasmon polaritons by surface relief dielectric structures. Optics Express, 2008, 16, 19271.	1.7	25
38	Dynamic surface plasmon patterns generated by reconfigurable "cogwheel-shaped" beams. Applied Physics Letters, 2008, 93, 181102.	1.5	10
39	Surface plasmon polaritons generated by optical vortex beams. Applied Physics Letters, 2008, 92, .	1.5	50