

Bo Wang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

945
citations

687363

13
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

1179
citing authors

#	ARTICLE	IF	CITATIONS
1	Visible-Frequency Dielectric Metasurfaces for Multiwavelength Achromatic and Highly Dispersive Holograms. <i>Nano Letters</i> , 2016, 16, 5235-5240.	9.1	435
2	Polarization-controlled color-tunable holograms with dielectric metasurfaces. <i>Optica</i> , 2017, 4, 1368.	9.3	86
3	Polarization-independent and high-efficiency dielectric metasurfaces for visible light. <i>Optics Express</i> , 2016, 24, 16309.	3.4	80
4	Rochon-Prism-Like Planar Circularly Polarized Beam Splitters Based on Dielectric Metasurfaces. <i>ACS Photonics</i> , 2018, 5, 1660-1664.	6.6	68
5	Information Encoding with Optical Dielectric Metasurface via Independent Multichannels. <i>ACS Photonics</i> , 2019, 6, 230-237.	6.6	57
6	Photonic Rashba effect from quantum emitters mediated by a Berry-phase defective photonic crystal. <i>Nature Nanotechnology</i> , 2020, 15, 927-933.	31.5	40
7	Probing nanoscale fluctuation of ferromagnetic meta-atoms with a stochastic photonic spin Hall effect. <i>Nature Nanotechnology</i> , 2020, 15, 450-456.	31.5	38
8	Impact of in-plane spread of wave vectors on spin Hall effect of light around Brewster's angle. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	30
9	Spin displacements of a Gaussian beam at an airâ€“multilayer-film interface. <i>Physical Review A</i> , 2013, 88, .	2.5	24
10	Direct observation of a resolvable spin separation in the spin Hall effect of light at an air-glass interface. <i>Applied Physics Letters</i> , 2015, 107, 111105.	3.3	21
11	Spin separations in the spin Hall effect of light. <i>Physical Review A</i> , 2015, 92, .	2.5	21
12	Free-Space Optical Beam Tapping with an All-Silica Metasurface. <i>ACS Photonics</i> , 2017, 4, 2544-2549.	6.6	20
13	Photonic Topological Spin Hall Effect Mediated by Vortex Pairs. <i>Physical Review Letters</i> , 2019, 123, 266101.	7.8	14
14	Measuring spin Hall effect of light by cross-polarization intensity ratio. <i>Optics Letters</i> , 2014, 39, 3425.	3.3	11
15	How to make spins in spin Hall effect of light truly separate. , 2015, , .		0