

Qiang Zhang

List of Publications by Year in descending order

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11
papers

153
citations

1162889

8
h-index

1281743

11
g-index

11
all docs

11
docs citations

11
times ranked

133
citing authors

#	ARTICLE	IF	CITATIONS
1	Intrinsic Spin-Momentum Dynamics of Surface Electromagnetic Waves in Dispersive Interfaces. <i>Physical Review Letters</i> , 2022, 128, .	2.9	10
2	Electrogyration in Metamaterials: Chirality and Polarization Rotatory Power that Depend on Applied Electric Field. <i>Advanced Optical Materials</i> , 2021, 9, 2001826.	3.6	16
3	Behavior of SPPs in chiral “graphene” chiral structure. <i>Optics Letters</i> , 2021, 46, 1975.	1.7	10
4	Bloch-type photonic skyrmions in optical chiral multilayers. <i>Physical Review Research</i> , 2021, 3, .	1.3	28
5	Theoretical study of anisotropy-induced extrinsic chirality and chiral discrimination of surface plasmon polaritons. <i>Physical Review A</i> , 2020, 102, .	1.0	5
6	Optical lateral forces and torques induced by chiral surface-plasmon-polaritons and their potential applications in recognition and separation of chiral enantiomers. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 1308-1314.	1.3	20
7	Separation of chiral enantiomers by optical force and torque induced by tightly focused vector polarized hollow beams. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 15339-15345.	1.3	17
8	Optical screwdriving induced by the quantum spin Hall effect of surface plasmons near an interface between strongly chiral material and air. <i>Physical Review A</i> , 2018, 97, .	1.0	9
9	Revolution and spin of a particle induced by an orbital-angular-momentum-carrying Laguerre-Gaussian beam in a dielectric chiral medium. <i>Physical Review A</i> , 2018, 98, .	1.0	9
10	Dispersion, propagation, and transverse spin of surface plasmon polaritons in a metal-chiral-metal waveguide. <i>Applied Physics Letters</i> , 2017, 110, .	1.5	14
11	Characteristics of surface plasmon polaritons in a dielectrically chiral-metal-chiral waveguiding structure. <i>Optics Letters</i> , 2016, 41, 3241.	1.7	15