Qiang Zhang

List of Publications by Year
in descending order

11 papers	153 citations	1163065 8 h-index	1281846 11 g-index
11 all docs	11 docs citations	11 times ranked	133 citing authors

#	Article	IF	Citations
1	Bloch-type photonic skyrmions in optical chiral multilayers. Physical Review Research, 2021, 3, .	3.6	28
2	Optical lateral forces and torques induced by chiral surface-plasmon-polaritons and their potential applications in recognition and separation of chiral enantiomers. Physical Chemistry Chemical Physics, 2019, 21, 1308-1314.	2.8	20
3	Separation of chiral enantiomers by optical force and torque induced by tightly focused vector polarized hollow beams. Physical Chemistry Chemical Physics, 2019, 21, 15339-15345.	2.8	17
4	Electrogyration in Metamaterials: Chirality and Polarization Rotatory Power that Depend on Applied Electric Field. Advanced Optical Materials, 2021, 9, 2001826.	7.3	16
5	Characteristics of surface plasmon polaritons in a dielectrically chiral-metal-chiral waveguiding structure. Optics Letters, 2016, 41, 3241.	3.3	15
6	Dispersion, propagation, and transverse spin of surface plasmon polaritons in a metal-chiral-metal waveguide. Applied Physics Letters, 2017, 110, .	3.3	14
7	Behavior of SPPs in chiral–graphene–chiral structure. Optics Letters, 2021, 46, 1975.	3.3	10
8	Intrinsic Spin-Momentum Dynamics of Surface Electromagnetic Waves in Dispersive Interfaces. Physical Review Letters, 2022, 128, .	7.8	10
9	Optical screwdriving induced by the quantum spin Hall effect of surface plasmons near an interface between strongly chiral material and air. Physical Review A, 2018, 97, .	2.5	9
10	Revolution and spin of a particle induced by an orbital-angular-momentum-carrying Laguerre-Gaussian beam in a dielectric chiral medium. Physical Review A, 2018, 98, .	2.5	9
11	Theoretical study of anisotropy-induced extrinsic chirality and chiral discrimination of surface plasmon polaritons. Physical Review A, 2020, 102, .	2.5	5