

Xingguang Liu

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

119
citations

1478505

6
h-index

1588992

8
g-index

11
all docs

11
docs citations

11
times ranked

107
citing authors

#	ARTICLE	IF	CITATIONS
1	Behavior of SPPs in chiral “graphene” chiral structure. <i>Optics Letters</i> , 2021, 46, 1975.	3.3	10
2	The dancing of a coin on a frozen bottle and its evolution. <i>European Journal of Physics</i> , 2020, 41, 025105.	0.6	0
3	Theoretical study of anisotropy-induced extrinsic chirality and chiral discrimination of surface plasmon polaritons. <i>Physical Review A</i> , 2020, 102, .	2.5	5
4	Selective excitations of the multipole moments on a dielectric quadrumer nanostructure using vector polarized Bessel beams. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 295104.	2.8	0
5	Dual-toroidal dipole excitation on permittivity-asymmetric dielectric metasurfaces. <i>Optics Letters</i> , 2020, 45, 2826.	3.3	35
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.	2.8	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.	2.8	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, .	2.5	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, .	2.5	9
10	Dispersion, propagation, and transverse spin of surface plasmon polaritons in a metal-chiral-metal waveguide. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	14
11	Naked-eye observations of visible spectra using a transmission-grating-based spectrometer. <i>European Journal of Physics</i> , 0, , .	0.6	0