

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

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11
all docs

11
docs citations

11
times ranked

107
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual-toroidal dipole excitation on permittivity-asymmetric dielectric metasurfaces. Optics Letters, 2020, 45, 2826.	3.3	35
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	Dispersion, propagation, and transverse spin of surface plasmon polaritons in a metal-chiral-metal waveguide. Applied Physics Letters, 2017, 110, .	3.3	14
5	Behavior of SPPs in chiral "graphene" chiral structure. Optics Letters, 2021, 46, 1975.	3.3	10
6	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
7	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
8	Theoretical study of anisotropy-induced extrinsic chirality and chiral discrimination of surface plasmon polaritons. Physical Review A, 2020, 102, .	2.5	5
9	The dancing of a coin on a frozen bottle and its evolution. European Journal of Physics, 2020, 41, 025105.	0.6	0
10	Selective excitations of the multipole moments on a dielectric quadrumer nanostructure using vector polarized Bessel beams. Journal Physics D: Applied Physics, 2020, 53, 295104.	2.8	0
11	Naked-eye observations of visible spectra using a transmission-grating-based spectrometer. European Journal of Physics, 0, , .	0.6	0