Tao Shui

List of Publications by Year
in descending order

15	212	1163117 8	1058476 14
papers	citations	h-index	g-index

16	16	16	116
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Asymmetric diffraction by atomic gratings with optical <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="script">PT</mml:mi></mml:math> symmetry in the Raman-Nath regime. Physical Review A, 2018, 97, .	2.5	54
2	Lop-sided Ramanâ€“Nath diffraction in PT-antisymmetric atomic lattices. Optics Letters, 2019, 44, 2089.	3.3	33
3	One- and two-dimensional electromagnetically induced gratings in an Er3+ - doped yttrium aluminum garnet crystal. Scientific Reports, 2020, 10, 4019.	3.3	23
4	Squeezing-induced giant Goos-HÃnchen shift and hypersensitized displacement sensor in a two-level atomic system. Physical Review A, 2019, 99, .	2.5	20
5	Phase-modulated single-photon nonreciprocal transport and directional router in a waveguideâ€“cavityâ€“emitter system beyond the chiral coupling. Quantum Science and Technology, 2022, 7, 015025.	5.8	16
6	Ultrasensitive Sizing Sensor for a Single Nanoparticle in a Hybrid Nonlinear Microcavity. IEEE Photonics Journal, 2020, 12, 1-8.	2.0	14
7	Tunable single-photon diode and circulator via chiral waveguideâ€“emitter couplings. Laser Physics Letters, 2020, 17, 065201.	1.4	13
8	Optical nonreciprocity and nonreciprocal photonic devices with directional four-wave mixing effect. Optics Express, 2022, 30, 6284.	3.4	11
9	High-precision two-dimensional atom localization from four-wave mixing in a double-Î› four-level atomic system. Laser Physics, 2018, 28, 035201.	1.2	8
10	Perfectly asymmetric Raman-Nath diffraction in disordered atomic gratings. Optics Express, 2019, 27, 24693.	3.4	6
11	Controllable Goosâ€“HÃnchen shift and optical switching in an Er3â€‰+â€‰-doped yttrium aluminum garnet crystal. Laser Physics Letters, 2021, 18, 045205.	1.4	5
12	Control of an electromagnetically induced grating by Er³⁺ ion concentration in an Er³⁺-doped YAG crystal. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 2036.	2.1	5
13	High-precision three dimensional atom localization via multiphoton quantum destructive interference. Optics Express, 2020, 28, 25308.	3.4	2
14	Photon routing based on non-chiral interaction between atoms and waveguides. Laser Physics Letters, 2022, 19, 015203.	1.4	2
15	Optical soliton in a one-dimensional array of a metal nanoparticle-microcavity complex. Communications in Theoretical Physics, 2021, 73, 115105.	2.5	0