

# Tao Shui

## List of Publications by Year in descending order

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15  
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docs citations

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116  
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#	ARTICLE	IF	CITATIONS
1	Photon routing based on non-chiral interaction between atoms and waveguides. Laser Physics Letters, 2022, 19, 015203.	1.4	2
2	Phase-modulated single-photon nonreciprocal transport and directional router in a waveguide-cavity-emitter system beyond the chiral coupling. Quantum Science and Technology, 2022, 7, 015025.	5.8	16
3	Optical nonreciprocity and nonreciprocal photonic devices with directional four-wave mixing effect. Optics Express, 2022, 30, 6284.	3.4	11
4	Controllable Goos-Hänchen shift and optical switching in an Er <sup>3+</sup> -doped yttrium aluminum garnet crystal. Laser Physics Letters, 2021, 18, 045205.	1.4	5
5	Control of an electromagnetically induced grating by Er <sup>3+</sup> ion concentration in an Er <sup>3+</sup> -doped YAG crystal. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 2036.	2.1	5
6	Optical soliton in a one-dimensional array of a metal nanoparticle-microcavity complex. Communications in Theoretical Physics, 2021, 73, 115105.	2.5	0
7	Ultrasensitive Sizing Sensor for a Single Nanoparticle in a Hybrid Nonlinear Microcavity. IEEE Photonics Journal, 2020, 12, 1-8.	2.0	14
8	Tunable single-photon diode and circulator via chiral waveguide-emitter couplings. Laser Physics Letters, 2020, 17, 065201.	1.4	13
9	One- and two-dimensional electromagnetically induced gratings in an Er <sup>3+</sup> -doped yttrium aluminum garnet crystal. Scientific Reports, 2020, 10, 4019.	3.3	23
10	High-precision three dimensional atom localization via multiphoton quantum destructive interference. Optics Express, 2020, 28, 25308.	3.4	2
11	Squeezing-induced giant Goos-Hänchen shift and hypersensitized displacement sensor in a two-level atomic system. Physical Review A, 2019, 99, .	2.5	20
12	Perfectly asymmetric Raman-Nath diffraction in disordered atomic gratings. Optics Express, 2019, 27, 24693.	3.4	6
13	Lop-sided Raman-Nath diffraction in PT-antisymmetric atomic lattices. Optics Letters, 2019, 44, 2089.	3.3	33
14	High-precision two-dimensional atom localization from four-wave mixing in a double- $\Lambda$ four-level atomic system. Laser Physics, 2018, 28, 035201.	1.2	8
15	Asymmetric diffraction by atomic gratings with optical $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{PT} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ symmetry in the Raman-Nath regime. Physical Review A, 2018, 97, .	2.5	54