

Dong Wei

List of Publications by Year in descending order

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15
papers

147
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1307594

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15
docs citations

15
times ranked

78
citing authors

#	ARTICLE	IF	CITATIONS
1	Optically spatial information selection with hybridly polarized beam in atomic vapor. <i>Photonics Research</i> , 2018, 6, 451.	7.0	23
2	Enhancement of the angular rotation measurement sensitivity based on SU(2) and SU(1,1) interferometers. <i>Photonics Research</i> , 2017, 5, 617.	7.0	22
3	Observing quantum coherence induced transparency of hybrid vector beams in atomic vapor. <i>Optics Letters</i> , 2019, 44, 2911.	3.3	20
4	Optimal phase sensitivity by quantum squeezing based on a Mach-Zehnder interferometer. <i>New Journal of Physics</i> , 2020, 22, 013031.	2.9	15
5	Efficient quantum memory of orbital angular momentum qubits in cold atoms. <i>Quantum Science and Technology</i> , 2021, 6, 045008.	5.8	11
6	Collapse of hybrid vector beam in Rb atomic vapor. <i>Optics Letters</i> , 2021, 46, 2614.	3.3	10
7	Manipulating the transmission of vector beam with spatially polarized atomic ensemble. <i>Optics Express</i> , 2019, 27, 3900.	3.4	10
8	Quantum interference in anti-parity-time symmetric coupled waveguide system. <i>Optics Express</i> , 2021, 29, 29175.	3.4	8
9	Super-sensitive measurement of angular rotation displacement based on the hybrid interferometers. <i>Optics Express</i> , 2019, 27, 31376.	3.4	6
10	Trans-spectral vector beam nonlinear conversion via parametric four-wave mixing in alkali vapor. <i>Optics Letters</i> , 2021, 46, 5579.	3.3	6
11	Tailoring multi-singularity structure induced by a focused radially polarized beam. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2021, 38, 419.	1.5	5
12	Genetic algorithm optimization for storing arbitrary multimode transverse images in thermal atomic vapor. <i>Applied Physics Letters</i> , 2021, 118, .	3.3	3
13	Nonlinear control of polarization rotation of hybrid-order vector vortex beams. <i>Journal of Optics (United Kingdom)</i> , 2020, 22, 115612.	2.2	3
14	Enhancing sensitivity of the angular displacement measurement based on a hybrid interferometer combining parametric amplification. <i>Optics Communications</i> , 2022, 508, 127745.	2.1	3
15	Experimental investigation of light storage of diffraction-free and quasi-diffraction-free beams in hot atomic gas cell. <i>Frontiers of Physics</i> , 2022, 17, 1.	5.0	2