

Wei Ye

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

369
citations

933447

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h-index

794594

19
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all docs

25
docs citations

25
times ranked

83
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Continuous-variable quantum key distribution with non-Gaussian quantum catalysis. <i>Physical Review A</i> , 2019, 99, . | 2.5 | 89 |
| 2 | Improvement of self-referenced continuous-variable quantum key distribution with quantum photon catalysis. <i>Optics Express</i> , 2019, 27, 17186. | 3.4 | 63 |
| 3 | Entanglement improvement of entangled coherent state via multiphoton catalysis. <i>Laser Physics Letters</i> , 2018, 15, 065203. | 1.4 | 23 |
| 4 | Improved phase sensitivity in a quantum optical interferometer based on multiphoton catalytic two-mode squeezed vacuum states. <i>Physical Review A</i> , 2021, 103, . | 2.5 | 19 |
| 5 | Continuous-variable measurement-device-independent quantum key distribution via quantum catalysis. <i>Quantum Information Processing</i> , 2020, 19, 1. | 2.2 | 18 |
| 6 | Entanglement of coherent superposition of photon-subtraction squeezed vacuum. <i>Frontiers of Physics</i> , 2017, 12, 1. | 5.0 | 17 |
| 7 | Improvement of phase sensitivity in an $SU(1,1)$ interferometer via a phase shift induced by a Kerr medium. <i>Physical Review A</i> , 2022, 105, . | 2.5 | 17 |
| 8 | Discrete modulation continuous-variable quantum key distribution based on quantum catalysis. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2020, 69, 060301. | 0.5 | 16 |
| 9 | Enhanced phase sensitivity with a nonconventional interferometer and nonlinear phase shifter. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020, 384, 126755. | 2.1 | 12 |
| 10 | Quantum catalysis-assisted attenuation for improving free-space continuous-variable quantum key distribution. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020, 53, 185501. | 1.5 | 12 |
| 11 | Preparation and non-classicality of non-Gaussian quantum states based on catalytic quantum scissors. <i>Laser Physics Letters</i> , 2019, 16, 015204. | 1.4 | 10 |
| 12 | Improvement of the entanglement properties for entangled states using a superposition of number-conserving operations. <i>Laser Physics Letters</i> , 2019, 16, 085204. | 1.4 | 9 |
| 13 | Nonclassicality and entanglement of single-photon catalysis-assisted two-mode squeezed coherent state. <i>Optics Communications</i> , 2020, 474, 126103. | 2.1 | 9 |
| 14 | Laguerre polynomial excited coherent state: generation and nonclassical properties. <i>Laser Physics Letters</i> , 2017, 14, 115201. | 1.4 | 8 |
| 15 | Laguerre-polynomial-weighted squeezed vacuum: generation and its properties of entanglement. <i>Laser Physics Letters</i> , 2018, 15, 025204. | 1.4 | 7 |
| 16 | Nonclassicality and entanglement properties of non-Gaussian entangled states via a superposition of number-conserving operations. <i>Quantum Information Processing</i> , 2020, 19, 1. | 2.2 | 7 |
| 17 | Preparation of nonclassical states by displacement-based quantum scissors. <i>Results in Physics</i> , 2020, 19, 103616. | 4.1 | 7 |
| 18 | Performance improvement of plug-and-play dual-phase-modulated continuous-variable quantum key distribution with quantum catalysis. <i>Quantum Information Processing</i> , 2020, 19, 1. | 2.2 | 5 |

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|----|--|-----|-----------|
| 19 | Enhancing discrete-modulated continuous-variable measurement-device-independent quantum key distribution via quantum catalysis. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2021, 54, 045501. | 1.5 | 5 |
| 20 | Properties of two-mode squeezed Laguerre-polynomial-excited vacuum state generated by conditional measurement. <i>Physica Scripta</i> , 2019, 94, 085401. | 2.5 | 4 |
| 21 | Improvement of entanglement via catalytic quantum scissors. <i>Optik</i> , 2021, 241, 167252. | 2.9 | 3 |
| 22 | Improving entanglement of even entangled coherent states via superposition of number-conserving operations. <i>Results in Physics</i> , 2022, 35, 105324. | 4.1 | 3 |
| 23 | Evaluating the quantum Zivâ€Zakai bound for phase estimation in noisy environments. <i>Optics Express</i> , 2022, 30, 24207. | 3.4 | 3 |
| 24 | Virtual zero-photon catalysis for improving continuous-variable quantum key distribution via Gaussian post-selection. <i>Scientific Reports</i> , 2020, 10, 17526. | 3.3 | 2 |
| 25 | Generation of nonclassical states by superposition of number-conserving operations on squeezed thermal state. <i>Physica Scripta</i> , 2021, 96, 075102. | 2.5 | 1 |