

Yong Liu

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

231
citations

1478280

6
h-index

1588896

8
g-index

11
all docs

11
docs citations

11
times ranked

184
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Variational quantum process tomography of unitaries. Physical Review A, 2022, 105, . | 1.0 | 13 |
| 2 | Feasibility of space-based measurement-device-independent quantum key distribution. New Journal of Physics, 2021, 23, 045001. | 1.2 | 8 |
| 3 | General quantum Bernoulli factory: framework analysis and experiments. Quantum Science and Technology, 2021, 6, 045025. | 2.6 | 0 |
| 4 | SW_Qsim. , 2021, , . | | 12 |
| 5 | Closing the "quantum supremacy" gap. , 2021, , . | | 61 |
| 6 | Variational quantum circuits for quantum state tomography. Physical Review A, 2020, 101, . | 1.0 | 24 |
| 7 | Sample caching Markov chain Monte Carlo approach to boson sampling simulation. New Journal of Physics, 2020, 22, 033022. | 1.2 | 4 |
| 8 | A Bayesian validation approach to practical boson sampling. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1. | 2.0 | 4 |
| 9 | Remote-controlled quantum computing by quantum entanglement. Optics Letters, 2020, 45, 6298. | 1.7 | 7 |
| 10 | General-Purpose Quantum Circuit Simulator with Projected Entangled-Pair States and the Quantum Supremacy Frontier. Physical Review Letters, 2019, 123, 190501. | 2.9 | 57 |
| 11 | A benchmark test of boson sampling on Tianhe-2 supercomputer. National Science Review, 2018, 5, 715-720. | 4.6 | 41 |