

Changhun Oh

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

235
citations

1307594

7
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

203
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Optimal Gaussian measurements for phase estimation in single-mode Gaussian metrology. Npj Quantum Information, 2019, 5, . | 6.7 | 50 |
| 2 | Optimal distributed quantum sensing using Gaussian states. Physical Review Research, 2020, 2, . | 3.6 | 38 |
| 3 | Practical resources and measurements for lossy optical quantum metrology. Physical Review A, 2017, 96, . | 2.5 | 22 |
| 4 | Optimal measurements for quantum fidelity between Gaussian states and its relevance to quantum metrology. Physical Review A, 2019, 100, . | 2.5 | 21 |
| 5 | Quantum Limits of Superresolution in a Noisy Environment. Physical Review Letters, 2021, 126, 120502. | 7.8 | 21 |
| 6 | Classical simulation of lossy boson sampling using matrix product operators. Physical Review A, 2021, 104, . | 2.5 | 20 |
| 7 | Classical Simulation of Boson Sampling Based on Graph Structure. Physical Review Letters, 2022, 128, . | 7.8 | 12 |
| 8 | Quantum Metrological Power of Continuous-Variable Quantum Networks. Physical Review Letters, 2022, 128, 180503. | 7.8 | 7 |
| 9 | Minimal control power of controlled dense coding and genuine tripartite entanglement. Scientific Reports, 2017, 7, 3765. | 3.3 | 6 |
| 10 | Bayesian error regions in quantum estimation I: analytical reasonings. New Journal of Physics, 2018, 20, 093009. | 2.9 | 6 |
| 11 | Using states with a large photon number variance to increase quantum Fisher information in single-mode phase estimation. Journal of Physics Communications, 2019, 3, 115008. | 1.2 | 6 |
| 12 | Distributed quantum phase sensing for arbitrary positive and negative weights. Physical Review Research, 2022, 4, . | 3.6 | 6 |
| 13 | Efficient Bayesian credible-region certification for quantum-state tomography. Physical Review A, 2019, 100, . | 2.5 | 5 |
| 14 | Efficient amplification of superpositions of coherent states using input states with different parities. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 2933. | 2.1 | 4 |
| 15 | Bayesian error regions in quantum estimation II: region accuracy and adaptive methods. New Journal of Physics, 2018, 20, 093010. | 2.9 | 3 |
| 16 | Optical estimation of unitary Gaussian processes without phase reference using Fock states. New Journal of Physics, 2020, 22, 123039. | 2.9 | 3 |
| 17 | Probing Bayesian Credible Regions Intrinsically: A Feasible Error Certification for Physical Systems. Physical Review Letters, 2019, 123, 040602. | 7.8 | 2 |
| 18 | Field-gradient measurement using a Stern-Gerlach atomic interferometer with butterfly geometry. Physical Review A, 2020, 102, . | 2.5 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Sub shot-noise frequency estimation with bounded a priori knowledge. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 045304. | 2.1 | 1 |