

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

#	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