

Yao Yao

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4387688/yao-yao-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43
papers

971
citations

18
h-index

30
g-index

44
ext. papers

1,119
ext. citations

2.9
avg, IF

4.5
L-index

#	Paper	IF	Citations
43	Quantum coherence in multipartite systems. <i>Physical Review A</i> , 2015 , 92,	2.6	228
42	Quantum Fisher information in noninertial frames. <i>Physical Review A</i> , 2014 , 89,	2.6	81
41	Enhancing teleportation of quantum Fisher information by partial measurements. <i>Physical Review A</i> , 2016 , 93,	2.6	71
40	Performance of various correlation measures in quantum phase transitions using the quantum renormalization-group method. <i>Physical Review A</i> , 2012 , 86,	2.6	56
39	Classical-driving-enhanced parameter-estimation precision of a non-Markovian dissipative two-state system. <i>Physical Review A</i> , 2015 , 91,	2.6	47
38	Enhancing parameter precision of optimal quantum estimation by direct quantum feedback. <i>Physical Review A</i> , 2015 , 91,	2.6	46
37	Maximal coherence in a generic basis. <i>Physical Review A</i> , 2016 , 94,	2.6	33
36	Proof-of-principle experiment of reference-frame-independent quantum key distribution with phase coding. <i>Scientific Reports</i> , 2014 , 4, 3617	4.9	32
35	Detecting macroscopic quantum coherence with a cavity optomechanical system. <i>Physical Review A</i> , 2016 , 94,	2.6	28
34	Frobenius-norm-based measures of quantum coherence and asymmetry. <i>Scientific Reports</i> , 2016 , 6, 320109	2.9	28
33	Multiple phase estimation for arbitrary pure states under white noise. <i>Physical Review A</i> , 2014 , 90,	2.6	27
32	Optimal quantum parameter estimation in a pulsed quantum optomechanical system. <i>Physical Review A</i> , 2016 , 93,	2.6	26
31	Counterfactual quantum cryptography based on weak coherent states. <i>Physical Review A</i> , 2012 , 86,	2.6	25
30	Geometric interpretation of the geometric discord. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2012 , 376, 358-364	2.3	24
29	Multiple phase estimation in quantum cloning machines. <i>Physical Review A</i> , 2014 , 90,	2.6	23
28	Optimal quantum channel estimation of two interacting qubits subject to decoherence. <i>European Physical Journal D</i> , 2014 , 68, 1	1.3	21
27	Implications and applications of the variance-based uncertainty equalities. <i>Physical Review A</i> , 2015 , 91,	2.6	21

26	Protecting entanglement from correlated amplitude damping channel using weak measurement and quantum measurement reversal. <i>Quantum Information Processing</i> , 2016 , 15, 3881-3891	1.6	18
25	Effects of loss on the phase sensitivity with parity detection in an SU(1,1) interferometer. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2018 , 35, 1080	1.7	13
24	Probing Berezinskii-Kosterlitz-Thouless Phase Transition of Spin-Half XXZ Chain by Quantum Fisher Information. <i>Communications in Theoretical Physics</i> , 2015 , 63, 279-284	2.4	11
23	Retrieving the lost fermionic entanglement by partial measurement in noninertial frames. <i>Annals of Physics</i> , 2018 , 390, 83-94	2.5	11
22	Quantum cloning attacks against PUF-based quantum authentication systems. <i>Quantum Information Processing</i> , 2016 , 15, 3311-3325	1.6	11
21	Distribution of quantum Fisher information in asymmetric cloning machines. <i>Scientific Reports</i> , 2014 , 4, 7361	4.9	10
20	Bell violation versus geometric measure of quantum discord and their dynamical behavior. <i>European Physical Journal D</i> , 2012 , 66, 1	1.3	9
19	Quantum discord in quantum random access codes and its connection to dimension witnesses. <i>Physical Review A</i> , 2012 , 86,	2.6	9
18	Simulation of physically unclonable function based on disordered photonic structure. <i>Optical and Quantum Electronics</i> , 2017 , 49, 1	2.4	8
17	Robust quantum state transfer between two superconducting qubits via partial measurement. <i>Laser Physics Letters</i> , 2016 , 13, 125202	1.5	7
16	Interpreting quantum coherence through a quantum measurement process. <i>Physical Review A</i> , 2017 , 96,	2.6	7
15	Enhanced quantum teleportation in the background of Schwarzschild spacetime by weak measurements. <i>European Physical Journal Plus</i> , 2020 , 135, 1	3.1	5
14	The effect of channel decoherence on entangled coherent states: A theoretical analysis. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2011 , 375, 3762-3769	2.3	5
13	Statistical distribution of quantum correlation induced by multiple scattering in the disordered medium. <i>Optics Communications</i> , 2019 , 446, 106-112	2	4
12	Authentication of Optical Physical Unclonable Functions Based on Single-Pixel Detection. <i>Physical Review Applied</i> , 2021 , 16,	4.3	4
11	Random Nanofracture-Enabled Physical Unclonable Function. <i>Advanced Materials Technologies</i> , 2021 , 6, 2001073	6.8	4
10	Quantum coherence fraction. <i>Physical Review A</i> , 2019 , 100,	2.6	3
9	Security of quantum key distribution. <i>Scientia Sinica: Physica, Mechanica Et Astronomica</i> , 2012 , 42, 1237-1255	1.5	3

8	Simulation of perfect absorber at visible frequencies using TiN-based refractory plasmonic metamaterials. <i>Optical and Quantum Electronics</i> , 2016 , 48, 1	2.4	2
7	Quantum discord of ensemble of quantum states. <i>Quantum Information Processing</i> , 2014 , 13, 1583-1594	1.6	2
6	Fast random number generator based on optical physical unclonable functions. <i>Optics Letters</i> , 2021 , 46, 4875-4878	3	2
5	Bionic optical physical unclonable functions for authentication and encryption. <i>Journal of Materials Chemistry C</i> ,	7.1	2
4	Modulating quantum fluctuations of scattered light in disordered media via wavefront shaping. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2019 , 36, 3290	1.7	1
3	Anomalies of the weight-based coherence measure and mixed maximally coherent states. <i>Physical Review A</i> , 2020 , 102,	2.6	1
2	Scattering-lens based quantum imaging beyond shot noise. <i>Scientific Reports</i> , 2021 , 11, 7785	4.9	1
1	A flexible and stretchable bionic true random number generator.. <i>Nano Research</i> , 2022 , 1-9	10	1