

Yao Yao

List of Publications by Year in Descending Order

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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	A flexible and stretchable bionic true random number generator.. <i>Nano Research</i> , 2022 , 1-9	10	1
42	Authentication of Optical Physical Unclonable Functions Based on Single-Pixel Detection. <i>Physical Review Applied</i> , 2021 , 16,	4.3	4
41	Random Nanofracture-Enabled Physical Unclonable Function. <i>Advanced Materials Technologies</i> , 2021 , 6, 2001073	6.8	4
40	Scattering-lens based quantum imaging beyond shot noise. <i>Scientific Reports</i> , 2021 , 11, 7785	4.9	1
39	Fast random number generator based on optical physical unclonable functions. <i>Optics Letters</i> , 2021 , 46, 4875-4878	3	2
38	Enhanced quantum teleportation in the background of Schwarzschild spacetime by weak measurements. <i>European Physical Journal Plus</i> , 2020 , 135, 1	3.1	5
37	Anomalies of the weight-based coherence measure and mixed maximally coherent states. <i>Physical Review A</i> , 2020 , 102,	2.6	1
36	Quantum coherence fraction. <i>Physical Review A</i> , 2019 , 100,	2.6	3
35	Statistical distribution of quantum correlation induced by multiple scattering in the disordered medium. <i>Optics Communications</i> , 2019 , 446, 106-112	2	4
34	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
33	Retrieving the lost fermionic entanglement by partial measurement in noninertial frames. <i>Annals of Physics</i> , 2018 , 390, 83-94	2.5	11
32	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
31	Simulation of physically unclonable function based on disordered photonic structure. <i>Optical and Quantum Electronics</i> , 2017 , 49, 1	2.4	8
30	Interpreting quantum coherence through a quantum measurement process. <i>Physical Review A</i> , 2017 , 96,	2.6	7
29	Enhancing teleportation of quantum Fisher information by partial measurements. <i>Physical Review A</i> , 2016 , 93,	2.6	71
28	Optimal quantum parameter estimation in a pulsed quantum optomechanical system. <i>Physical Review A</i> , 2016 , 93,	2.6	26
27	Detecting macroscopic quantum coherence with a cavity optomechanical system. <i>Physical Review A</i> , 2016 , 94,	2.6	28

26	Frobenius-norm-based measures of quantum coherence and asymmetry. <i>Scientific Reports</i> , 2016 , 6, 32014	2.9	28
25	Robust quantum state transfer between two superconducting qubits via partial measurement. <i>Laser Physics Letters</i> , 2016 , 13, 125202	1.5	7
24	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
23	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
22	Maximal coherence in a generic basis. <i>Physical Review A</i> , 2016 , 94,	2.6	33
21	Quantum cloning attacks against PUF-based quantum authentication systems. <i>Quantum Information Processing</i> , 2016 , 15, 3311-3325	1.6	11
20	Enhancing parameter precision of optimal quantum estimation by direct quantum feedback. <i>Physical Review A</i> , 2015 , 91,	2.6	46
19	Classical-driving-enhanced parameter-estimation precision of a non-Markovian dissipative two-state system. <i>Physical Review A</i> , 2015 , 91,	2.6	47
18	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
17	Implications and applications of the variance-based uncertainty equalities. <i>Physical Review A</i> , 2015 , 91,	2.6	21
16	Quantum coherence in multipartite systems. <i>Physical Review A</i> , 2015 , 92,	2.6	228
15	Distribution of quantum Fisher information in asymmetric cloning machines. <i>Scientific Reports</i> , 2014 , 4, 7361	4.9	10
14	Optimal quantum channel estimation of two interacting qubits subject to decoherence. <i>European Physical Journal D</i> , 2014 , 68, 1	1.3	21
13	Quantum Fisher information in noninertial frames. <i>Physical Review A</i> , 2014 , 89,	2.6	81
12	Quantum discord of ensemble of quantum states. <i>Quantum Information Processing</i> , 2014 , 13, 1583-1594	1.6	2
11	Proof-of-principle experiment of reference-frame-independent quantum key distribution with phase coding. <i>Scientific Reports</i> , 2014 , 4, 3617	4.9	32
10	Multiple phase estimation for arbitrary pure states under white noise. <i>Physical Review A</i> , 2014 , 90,	2.6	27
9	Multiple phase estimation in quantum cloning machines. <i>Physical Review A</i> , 2014 , 90,	2.6	23

8	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
7	Counterfactual quantum cryptography based on weak coherent states. <i>Physical Review A</i> , 2012 , 86,	2.6	25
6	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
5	Bell violation versus geometric measure of quantum discord and their dynamical behavior. <i>European Physical Journal D</i> , 2012 , 66, 1	1.3	9
4	Quantum discord in quantum random access codes and its connection to dimension witnesses. <i>Physical Review A</i> , 2012 , 86,	2.6	9
3	Security of quantum key distribution. <i>Scientia Sinica: Physica, Mechanica Et Astronomica</i> , 2012 , 42, 1237-1255		3
2	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
1	Bionic optical physical unclonable functions for authentication and encryption. <i>Journal of Materials Chemistry C</i> ,	7.1	2