

# Yao Lu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2592645/publications.pdf>

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15  
papers

737  
citations

840776

11  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

858  
citing authors

#	ARTICLE	IF	CITATIONS
1	A dissipatively stabilized Mott insulator of photons. <i>Nature</i> , 2019, 566, 51-57.	27.8	213
2	Generation and complete analysis of the hyperentangled Bell state for photons assisted by quantum-dot spins in optical microcavities. <i>Physical Review A</i> , 2012, 86, .	2.5	147
3	Universal Stabilization of a Parametrically Coupled Qubit. <i>Physical Review Letters</i> , 2017, 119, 150502.	7.8	87
4	Realization of a $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi mathvariant="normal"} \rangle \hat{\rho} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ System with Metastable States of a Capacitively Shunted Fluxonium. <i>Physical Review Letters</i> , 2018, 120, 150504.	7.8	74
5	Universal Fast-Flux Control of a Coherent, Low-Frequency Qubit. <i>Physical Review X</i> , 2021, 11, .	8.9	58
6	Efficient k-separability criteria for mixed multipartite quantum states. <i>Europhysics Letters</i> , 2013, 104, 20007.	2.0	37
7	Experimental digital quantum simulation of temporal spatial dynamics of interacting fermion system. <i>Science Bulletin</i> , 2015, 60, 241-248.	9.0	32
8	Experimental simulation of quantum tunneling in small systems. <i>Scientific Reports</i> , 2013, 3, 2232.	3.3	27
9	Parity effect and phase transitions in quantum Szilard engines. <i>Physical Review E</i> , 2012, 85, 011125.	2.1	18
10	Entanglement classification of $2^{\tilde{A}}-2^{\tilde{A}}-2^{\tilde{A}}$ -quantum systems via the ranks of the multiple coefficient matrices. <i>Physical Review A</i> , 2013, 87, .	2.5	17
11	Classification of arbitrary-dimensional multipartite pure states under stochastic local operations and classical communication using the rank of coefficient matrix. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2013, 46, 105303.	2.1	11
12	Universal stabilization of single-qubit states using a tunable coupler. <i>Physical Review A</i> , 2018, 97, .	2.5	8
13	Magnetic interaction effect on the critical switching current in vortex arrays. <i>Journal of Applied Physics</i> , 2011, 109, 103906.	2.5	4
14	An Alternative Adiabatic Quantum Algorithm for the Hamiltonian Cycle Problem. <i>Communications in Theoretical Physics</i> , 2015, 63, 554-558.	2.5	2
15	Stronger Criteria for Nonseparability in n-Partite Quantum States. <i>International Journal of Theoretical Physics</i> , 2013, 52, 699-705.	1.2	1