Dian Wu

List of Publications by Year
in descending order

15 papers	2,730 citations	933447 10 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	2684 citing authors

#	Article	IF	Citations
1	Quantum computational advantage using photons. Science, 2020, 370, 1460-1463.	12.6	1,250
2	Quantum teleportation of multiple degrees of freedom of a single photon. Nature, 2015, 518, 516-519.	27.8	549
3	On-demand semiconductor single-photon source with near-unity indistinguishability. Nature Nanotechnology, 2013, 8, 213-217.	31.5	444
4	Phase-Programmable Gaussian Boson Sampling Using Stimulated Squeezed Light. Physical Review Letters, 2021, 127, 180502.	7.8	208
5	Deterministic and Robust Generation of Single Photons from a Single Quantum Dot with 99.5% Indistinguishability Using Adiabatic Rapid Passage. Nano Letters, 2014, 14, 6515-6519.	9.1	129
6	Experimental Gaussian Boson sampling. Science Bulletin, 2019, 64, 511-515.	9.0	51
7	Quantum teleportation of physical qubits into logical code spaces. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	21
8	Heralded Nondestructive Quantum Entangling Gate with Single-Photon Sources. Physical Review Letters, 2021, 126, 140501.	7.8	20
9	Efficient Measurement of Multiparticle Entanglement with Embedding Quantum Simulator. Physical Review Letters, 2016, 116, 070502.	7.8	16
10	Experimental test of the irreducible four-qubit Greenberger-Horne-Zeilinger paradox. Physical Review A, 2017, 95, .	2.5	10
11	Robust Self-Testing of Multiparticle Entanglement. Physical Review Letters, 2021, 127, 230503.	7.8	9
12	Cloning of Quantum Entanglement. Physical Review Letters, 2020, 125, 210502.	7.8	7
13	Directly Measuring a Multiparticle Quantum Wave Function via Quantum Teleportation. Physical Review Letters, 2021, 127, 030402.	7.8	7
14	Closing the Locality and Detection Loopholes in Multiparticle Entanglement Self-Testing. Physical Review Letters, 2022, 128, .	7.8	6
15	Entanglement-free witnessing of quantum incompatibility in a high-dimensional system. Physical Review Research, 2021, 3, .	3.6	3