

Baptiste Royer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2248700/publications.pdf>

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11
papers

556
citations

933447

10
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

692
citing authors

#	ARTICLE	IF	CITATIONS
1	Deterministic quantum state transfer and remote entanglement using microwave photons. Nature, 2018, 558, 264-267.	27.8	175
2	Fast and Unconditional All-Microwave Reset of a Superconducting Qubit. Physical Review Letters, 2018, 121, 060502.	7.8	96
3	Microwave Quantum Link between Superconducting Circuits Housed in Spatially Separated Cryogenic Systems. Physical Review Letters, 2020, 125, 260502.	7.8	91
4	Stabilization of Finite-Energy Gottesman-Kitaev-Preskill States. Physical Review Letters, 2020, 125, 260509.	7.8	39
5	Itinerant Microwave Photon Detector. Physical Review Letters, 2018, 120, 203602.	7.8	29
6	Quantum Communication with Time-Bin Encoded Microwave Photons. Physical Review Applied, 2019, 12, .	3.8	29
7	Model-Free Quantum Control with Reinforcement Learning. Physical Review X, 2022, 12, .	8.9	27
8	Demonstration of an All-Microwave Controlled-Phase Gate between Far-Detuned Qubits. Physical Review Applied, 2020, 14, .	3.8	26
9	Qubit parity measurement by parametric driving in circuit QED. Science Advances, 2018, 4, eaau1695.	10.3	19
10	Quantum Metamaterial for Broadband Detection of Single Microwave Photons. Physical Review Applied, 2021, 15, .	3.8	17
11	Encoding Qubits in Multimode Grid States. PRX Quantum, 2022, 3, .	9.2	8