Pol Forn-DÃ-az

List of Publications by Year
in descending order

19	2,469	567281 15	713466 21
papers	citations	h-index	g-index

21	21	21	1925
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ultrastrong coupling regimes of light-matter interaction. Reviews of Modern Physics, 2019, 91, .	45.6	613
2	Observation of the Bloch-Siegert Shift in a Qubit-Oscillator System in the Ultrastrong Coupling Regime. Physical Review Letters, 2010, 105, 237001.	7.8	597
3	Ultrastrong coupling of a single artificial atom toÂan electromagnetic continuum in the nonperturbative regime. Nature Physics, 2017, 13, 39-43.	16.7	353
4	Strong Coupling of a Quantum Oscillator to a Flux Qubit at Its Symmetry Point. Physical Review Letters, 2010, 105, 060503.	7.8	151
5	Switchable Ultrastrong Coupling in Circuit QED. Physical Review Letters, 2010, 105, 023601.	7.8	149
6	The 2021 quantum materials roadmap. JPhys Materials, 2020, 3, 042006.	4.2	111
7	Two-photon quantum Rabi model with superconducting circuits. Physical Review A, 2018, 97, .	2.5	97
8	Probing the strongly driven spin-boson model in a superconducting quantum circuit. Nature Communications, 2018, 9, 1403.	12.8	68
9	Observation of Three-Photon Spontaneous Parametric Down-Conversion in a Superconducting Parametric Cavity. Physical Review X, 2020, 10, .	8.9	61
10	Low gap superconducting single photon detectors for infrared sensitivity. Applied Physics Letters, 2011, 98, .	3.3	60
11	Broken selection rule in the quantum Rabi model. Scientific Reports, 2016, 6, 26720.	3.3	47
12	On-Demand Microwave Generator of Shaped Single Photons. Physical Review Applied, 2017, 8, .	3.8	45
13	Generating Multimode Entangled Microwaves with a Superconducting Parametric Cavity. Physical Review Applied, 2018, 10, .	3.8	44
14	Driven Dynamics and Rotary Echo of a Qubit Tunably Coupled to a Harmonic Oscillator. Physical Review Letters, 2012, 108, 170503.	7.8	27
15	One qubit as a universal approximant. Physical Review A, 2021, 104, .	2.5	18
16	Two-frequency Jahn-Teller systems in circuit QED. Physical Review A, 2012, 85, .	2.5	13
17	Transmission spectra of the driven, dissipative Rabi model in the ultrastrong-coupling regime. Physical Review A, 2021, 104, .	2.5	6
18	Josephson squelch filter for quantum nanocircuits. Applied Physics Letters, 2009, 95, 042505.	3.3	3

#	Article	IF	Citations
19	Startup Qilimanjaroâ€"towards a European full-stack coherent quantum annealer platform. EPJ Quantum Technology, 2021, 8, .	6.3	3