

Philippe Joyez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/684762/publications.pdf>

Version: 2024-02-01

20
papers

1,106
citations

567281

15
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

884
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum Coherence with a Single Cooper Pair. <i>Physica Scripta</i> , 1998, T76, 165.	2.5	413
2	Bright Side of the Coulomb Blockade. <i>Physical Review Letters</i> , 2011, 106, 217005.	7.8	114
3	Thermal Activation above a Dissipation Barrier: Switching of a Small Josephson Junction. <i>Physical Review Letters</i> , 1996, 77, 3435-3438.	7.8	79
4	Direct Measurement of the Josephson Supercurrent in an Ultrasmall Josephson Junction. <i>Physical Review Letters</i> , 2001, 87, 137003.	7.8	75
5	How Is the Coulomb Blockade Suppressed in High-Conductance Tunnel Junctions?. <i>Physical Review Letters</i> , 1998, 80, 1956-1959.	7.8	53
6	Time-dependent theory of nonlinear response and current fluctuations. <i>Physical Review B</i> , 2011, 84, .	3.2	51
7	Dynamical Coulomb Blockade of Shot Noise. <i>Physical Review Letters</i> , 2014, 112, 236803.	7.8	51
8	Fluctuation-Dissipation Relations of a Tunnel Junction Driven by a Quantum Circuit. <i>Physical Review Letters</i> , 2015, 114, 126801.	7.8	43
9	Electrodynamic Dip in the Local Density of States of a Metallic Wire. <i>Physical Review Letters</i> , 2001, 86, 1590-1593.	7.8	35
10	The Josephson Effect in Nanoscale Tunnel Junctions. <i>Journal of Superconductivity and Novel Magnetism</i> , 1999, 12, 757-766.	0.5	32
11	Antibunched Photons Emitted by a dc-Biased Josephson Junction. <i>Physical Review Letters</i> , 2019, 122, 186804.	7.8	31
12	Near-quantum-limited amplification from inelastic Cooper-pair tunnelling. <i>Nature Electronics</i> , 2018, 1, 223-227.	26.0	24
13	Absence of a Dissipative Quantum Phase Transition in Josephson Junctions. <i>Physical Review X</i> , 2020, 10, .	8.9	21
14	Self-Consistent Dynamics of a Josephson Junction in the Presence of an Arbitrary Environment. <i>Physical Review Letters</i> , 2013, 110, 217003.	7.8	17
15	Generating Two Continuous Entangled Microwave Beams Using a dc-Biased Josephson Junction. <i>Physical Review X</i> , 2021, 11, .	8.9	17
16	Parametric amplification and squeezing with an ac- and dc-voltage biased superconducting junction. <i>Physical Review Applied</i> , 2019, 11, .	3.8	12
17	Interacting Electrodynamics of Short Coherent Conductors in Quantum Circuits. <i>Physical Review X</i> , 2016, 6, .	8.9	10
18	Quantum properties of the radiation emitted by a conductor in the Coulomb blockade regime. <i>Physical Review B</i> , 2017, 95, .	3.2	10

#	ARTICLE	IF	CITATIONS
19	Reply to "Comment on 'Absence of a Dissipative Quantum Phase Transition in Josephson Junctions'". Physical Review X, 2021, 11, .	8.9	9
20	Emission of Photon Multiplets by a dc-Biased Superconducting Circuit. Physical Review X, 2022, 12, .	8.9	9