

Cyril Elouard

List of Publications by Citations

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

347
citations

8
h-index

18
g-index

25
ext. papers

506
ext. citations

4.1
avg, IF

4.17
L-index

#	Paper	IF	Citations
24	The role of quantum measurement in stochastic thermodynamics. <i>Npj Quantum Information</i> , 2017 , 3,	8.6	101
23	Extracting Work from Quantum Measurement in Maxwell's Demon Engines. <i>Physical Review Letters</i> , 2017 , 118, 260603	7.4	84
22	Efficient Quantum Measurement Engines. <i>Physical Review Letters</i> , 2018 , 120, 260601	7.4	41
21	Reversible work extraction in a hybrid opto-mechanical system. <i>New Journal of Physics</i> , 2015 , 17, 055018	2.9	24
20	Thermal transistor and thermometer based on Coulomb-coupled conductors. <i>Physical Review B</i> , 2019 , 100,	3.3	19
19	Probing quantum fluctuation theorems in engineered reservoirs. <i>New Journal of Physics</i> , 2017 , 19, 103019	2.9	17
18	An autonomous quantum machine to measure the thermodynamic arrow of time. <i>Npj Quantum Information</i> , 2018 , 4,	8.6	13
17	Fluctuation theorems for continuous quantum measurements and absolute irreversibility. <i>Physical Review A</i> , 2019 , 99,	2.6	10
16	Thermodynamics of optical Bloch equations. <i>New Journal of Physics</i> , 2020 , 22, 103039	2.9	8
15	Quantum measurement engines and their relevance for quantum interpretations. <i>Quantum Studies: Mathematics and Foundations</i> , 2020 , 7, 203-215	0.6	7
14	Stochastic thermodynamic cycles of a mesoscopic thermoelectric engine. <i>Physical Review B</i> , 2021 , 103,	3.3	4
13	Measuring fluorescence to track a quantum emitter's state: a theory review. <i>Contemporary Physics</i> , 2020 , 61, 26-50	3.3	3
12	Single-shot energetic-based estimator for entanglement in a half-parity measurement setup. <i>Quantum - the Open Journal for Quantum Science</i> , 2020 , 3, 166		3
11	Work, Heat and Entropy Production Along Quantum Trajectories. <i>Fundamental Theories of Physics</i> , 2018 , 363-393	0.8	3
10	Quantifying the quantum heat contribution from a driven superconducting circuit. <i>Physical Review E</i> , 2020 , 102, 030102	2.4	3
9	An Interaction-Free Quantum Measurement-Driven Engine. <i>Foundations of Physics</i> , 2020 , 50, 1294-1314	1.2	2
8	Probing the State of a Mechanical Oscillator with an Ultrastrongly Coupled Quantum Emitter. <i>Physical Review Letters</i> , 2019 , 122, 013602	7.4	1

7	Spooky Work at a Distance: An Interaction-Free Quantum Measurement Driven Engine 2019 ,		1
6	Entanglement-preserving limit cycles from sequential quantum measurements and feedback. <i>Physical Review A</i> , 2020 , 102,	2.6	1
5	Diffraction-based interaction-free measurements. <i>Quantum Studies: Mathematics and Foundations</i> , 2020 , 7, 145-153	0.6	1
4	Efficiently fueling a quantum engine with incompatible measurements.. <i>Physical Review E</i> , 2022 , 105, 044137	2.4	1
3	Quantum erasing the memory of Wigner's friend. <i>Quantum - the Open Journal for Quantum Science</i> , 5, 498		0
2	Energy-based weak measurement. <i>Quantum Studies: Mathematics and Foundations</i> , 2020 , 7, 341-346	0.6	
1	Entanglement of a pair of quantum emitters via continuous fluorescence measurements: a tutorial. <i>Advances in Optics and Photonics</i> , 2021 , 13, 517	16.7	