

M Hamed Mohammady

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

325
citations

933447

10
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

368
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-consistency of the two-point energy measurement protocol. <i>Physical Review A</i> , 2021, 103, .	2.5	3
2	Joint statistics of work and entropy production along quantum trajectories. <i>Physical Review E</i> , 2021, 103, 052138.	2.1	12
3	Thermodynamic Uncertainty Relation in Slowly Driven Quantum Heat Engines. <i>Physical Review Letters</i> , 2021, 126, 210603.	7.8	54
4	Classicality of the heat produced by quantum measurements. <i>Physical Review A</i> , 2021, 104, .	2.5	1
5	Energetic footprints of irreversibility in the quantum regime. <i>Communications Physics</i> , 2020, 3, .	5.3	19
6	Efficiency of a cyclic quantum heat engine with finite-size baths. <i>Physical Review E</i> , 2019, 100, 012122.	2.1	6
7	Symmetry Constrained Decoherence of Conditional Expectation Values. <i>Universe</i> , 2019, 5, 46.	2.5	1
8	Low-control and robust quantum refrigerator and applications with electronic spins in diamond. <i>Physical Review A</i> , 2018, 97, .	2.5	13
9	Work, Heat and Entropy Production Along Quantum Trajectories. <i>Fundamental Theories of Physics</i> , 2018, , 363-393.	0.3	5
10	A quantum Szilard engine without heat from a thermal reservoir. <i>New Journal of Physics</i> , 2017, 19, 113026.	2.9	33
11	Minimising the heat dissipation of quantum information erasure. <i>New Journal of Physics</i> , 2016, 18, 015011.	2.9	15
12	Quantum control of hybrid nuclear-electronic qubits. <i>Nature Materials</i> , 2013, 12, 103-107.	27.5	51
13	Measuring central-spin interaction with a spin bath by pulsed ENDOR: Towards suppression of spin diffusion decoherence. <i>Physical Review B</i> , 2012, 86, .	3.2	17
14	Analysis of quantum coherence in bismuth-doped silicon: A system of strongly coupled spin qubits. <i>Physical Review B</i> , 2012, 85, .	3.2	33
15	Bismuth Qubits in Silicon: The Role of EPR Cancellation Resonances. <i>Physical Review Letters</i> , 2010, 105, 067602.	7.8	49
16	Conditional work statistics of quantum measurements. <i>Quantum - the Open Journal for Quantum Science</i> , 0, 3, 175.	0.0	13