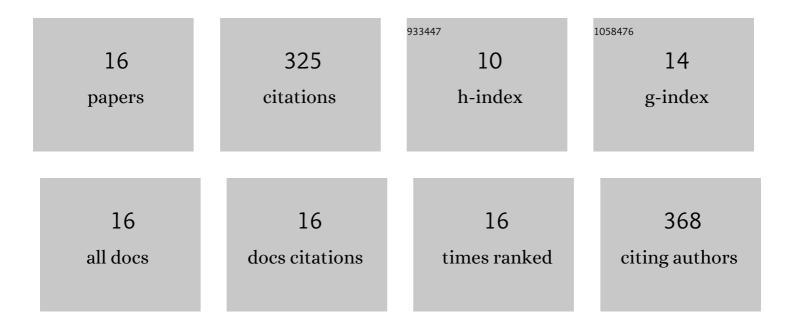
M Hamed Mohammady

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2606758/publications.pdf Version: 2024-02-01



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