

Benjamin Yadin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5491240/publications.pdf>

Version: 2024-02-01

19
papers

942
citations

759233

12
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

785
citing authors

#	ARTICLE	IF	CITATIONS
1	Converting Coherence to Quantum Correlations. <i>Physical Review Letters</i> , 2016, 116, 160407.	7.8	335
2	Quantum Processes Which Do Not Use Coherence. <i>Physical Review X</i> , 2016, 6, .	8.9	115
3	General framework for quantum macroscopicity in terms of coherence. <i>Physical Review A</i> , 2016, 93, .	2.5	95
4	ExoMol line lists - I. The rovibrational spectrum of BeH, MgH and CaH in the $X^2\Sigma^+$ state. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 34-43.	4.4	73
5	Operational Resource Theory of Continuous-Variable Nonclassicality. <i>Physical Review X</i> , 2018, 8, .	8.9	66
6	Clock-Work Trade-Off Relation for Coherence in Quantum Thermodynamics. <i>Physical Review Letters</i> , 2018, 120, 150602.	7.8	45
7	Entanglement between Identical Particles Is a Useful and Consistent Resource. <i>Physical Review X</i> , 2020, 10, .	8.9	39
8	Detecting metrologically useful asymmetry and entanglement by a few local measurements. <i>Physical Review A</i> , 2017, 96, .	2.5	37
9	Witnessing Multipartite Entanglement by Detecting Asymmetry. <i>Entropy</i> , 2017, 19, 124.	2.2	34
10	Metrological complementarity reveals the Einstein-Podolsky-Rosen paradox. <i>Nature Communications</i> , 2021, 12, 2410.	12.8	32
11	Witnessing Quantum Resource Conversion within Deterministic Quantum Computation Using One Pure Superconducting Qubit. <i>Physical Review Letters</i> , 2019, 123, 220501.	7.8	15
12	Quantum macroscopicity versus distillation of macroscopic superpositions. <i>Physical Review A</i> , 2015, 92, .	2.5	14
13	Coherence and quantum correlations measure sensitivity to dephasing channels. <i>Physical Review A</i> , 2019, 99, .	2.5	12
14	Thermodynamic resources in continuous-variable quantum systems. <i>Npj Quantum Information</i> , 2021, 7, .	6.7	11
15	Insufficiency of avoided crossings for witnessing large-scale quantum coherence in flux qubits. <i>Physical Review A</i> , 2018, 97, .	2.5	8
16	Mixing indistinguishable systems leads to a quantum Gibbs paradox. <i>Nature Communications</i> , 2021, 12, 1471.	12.8	4
17	General measure for macroscopic quantum states beyond "dead and alive". <i>New Journal of Physics</i> , 2018, 20, 013025.	2.9	2
18	Quantum correlations for anonymous metrology. <i>Quantum - the Open Journal for Quantum Science</i> , 0, 3, 178.	0.0	2

#	ARTICLE	IF	CITATIONS
19	Catalytic Gaussian thermal operations. Journal of Physics A: Mathematical and Theoretical, 2022, 55, 325301.	2.1	2