Kamil Korzekwa

List of Publications by Year
in descending order

24	827	933447 10	752698 20
papers	citations	h-index	g-index

24	24	24	673
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quantum Coherence, Time-Translation Symmetry, and Thermodynamics. Physical Review X, 2015, 5, .	8.9	290
2	The extraction of work from quantum coherence. New Journal of Physics, 2016, 18, 023045.	2.9	218
3	Quantum and classical entropic uncertainty relations. Physical Review A, 2014, 89, .	2.5	52
4	Coherifying quantum channels. New Journal of Physics, 2018, 20, 043028.	2.9	39
5	Operational constraints on state-dependent formulations of quantum error-disturbance trade-off relations. Physical Review A, 2014, 89, .	2.5	35
6	Markovian evolution of quantum coherence under symmetric dynamics. Physical Review A, 2017, 96, .	2.5	27
7	Beyond the thermodynamic limit: finite-size corrections to state interconversion rates. Quantum - the Open Journal for Quantum Science, 0, 2, 108.	0.0	27
8	Quantum-state transfer in spin chains via isolated resonance of terminal spins. Physical Review A, 2014, 89, .	2.5	25
9	Decoherence-assisted initialization of a resident hole spin polarization in a<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi></mml:math>-doped semiconductor quantum well. Physical Review B, 2011, 84, .	3.2	23
10	Avoiding Irreversibility: Engineering Resonant Conversions of Quantum Resources. Physical Review Letters, 2019, 122, 110403.	7.8	20
11	Quantum Advantage in Simulating Stochastic Processes. Physical Review X, 2021, 11, .	8.9	13
12	Structure of the thermodynamic arrow of time in classical and quantum theories. Physical Review A, 2017, 95, .	2.5	10
13	Moderate deviation analysis of majorization-based resource interconversion. Physical Review A, 2019, 99, .	2.5	10
14	Encoding Classical Information Into Quantum Resources. IEEE Transactions on Information Theory, 2022, 68, 4518-4530.	2.4	8
15	Robustness of Noetherâ€™s Principle: Maximal Disconnects between Conservation Laws and Symmetries in Quantum Theory. Physical Review X, 2020, 10, .	8.9	6
16	Fast Estimation of Outcome Probabilities for Quantum Circuits. PRX Quantum, 2022, 3, .	9.2	6
17	Distinguishing classically indistinguishable states and channels. Journal of Physics A: Mathematical and Theoretical, 2019, 52, 475303.	2.1	5
18	Spin dynamics inp-doped semiconductor nanostructures subject to a magnetic field tilted from the Voigt geometry. Physical Review B, 2013, 88, .	3.2	4

#	Article	IF	Citations
19	Dephasing superchannels. Physical Review A, 2021, 104, .	2.5	4
20	Work fluctuations due to partial thermalizations in two-level systems. Physical Review E, 2021, 103, 042141.	2.1	2
21	Spin dynamics in two-dimensional electron and hole systems revealed by resonant spin amplification. , 2012, , .		1
22	Algebraic and geometric structures inside the Birkhoff polytope. Journal of Mathematical Physics, 2022, 63, .	1.1	1
23	Fluctuation-dissipation relations for thermodynamic distillation processes. Physical Review E, 2022, 105, .	2.1	1
24	Classical noise and the structure of minimum uncertainty states. Physical Review A, 2016, 93, .	2.5	0