

Federico Carollo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5727464/publications.pdf>

Version: 2024-02-01

46
papers

924
citations

394421

19
h-index

477307

29
g-index

46
all docs

46
docs citations

46
times ranked

484
citing authors

#	ARTICLE	IF	CITATIONS
19	Nonequilibrium Phase Transitions in ($\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle Tj ETQq1$ Letters, 2020, 125, 100403.	7.8	17
20	Entanglement statistics in Markovian open quantum systems: A matter of mutation and selection. Physical Review E, 2020, 102, 030104.	2.1	10
21	Nonequilibrium Many-Body Quantum Engine Driven by Time-Translation Symmetry Breaking. Physical Review Letters, 2020, 125, 240602.	7.8	14
22	Nonequilibrium Quantum Many-Body Rydberg Atom Engine. Physical Review Letters, 2020, 124, 170602.	7.8	27
23	Trajectory phase transitions in noninteracting spin systems. Physical Review E, 2020, 101, 042115.	2.1	14
24	Dynamics of strongly coupled disordered dissipative spin-boson systems. Physical Review Research, 2020, 2, .	3.6	5
25	Witnessing nonclassicality through large deviations in quantum optics. Physical Review Research, 2020, 2, .	3.6	0
26	Strong zero modes in a class of generalized Ising spin ladders with plaquette interactions. Physical Review B, 2019, 100, .	3.2	14
27	Numerical simulation of critical dissipative non-equilibrium quantum systems with an absorbing state. New Journal of Physics, 2019, 21, 093064.	2.9	21
28	Critical Behavior of the Quantum Contact Process in One Dimension. Physical Review Letters, 2019, 123, 100604.	7.8	34
29	Unraveling the Large Deviation Statistics of Markovian Open Quantum Systems. Physical Review Letters, 2019, 122, 130605.	7.8	97
30	Classical stochastic discrete time crystals. Physical Review E, 2019, 100, 060105.	2.1	32
31	Discrete Time Crystals in the Absence of Manifest Symmetries or Disorder in Open Quantum Systems. Physical Review Letters, 2019, 122, 015701.	7.8	90
32	Dynamical criticality in open systems: Nonperturbative physics, microscopic origin, and direct observation. Physical Review E, 2018, 98, .	2.1	11
33	Enhancing correlation times for edge spins through dissipation. Physical Review B, 2018, 98, .	3.2	26
34	Current fluctuations in boundary-driven quantum spin chains. Physical Review B, 2018, 98, .	3.2	19
35	Quantum spin chain dissipative mean-field dynamics. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 325001.	2.1	21
36	Making rare events typical in Markovian open quantum systems. Physical Review A, 2018, 98, .	2.5	67

#	ARTICLE	IF	CITATIONS
37	Quantum fluctuations in mesoscopic systems. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 423001.	2.1	8
38	Fluctuating hydrodynamics, current fluctuations, and hyperuniformity in boundary-driven open quantum chains. Physical Review E, 2017, 96, 052118.	2.1	35
39	Long-Lived Mesoscopic Entanglement Between Two Damped Infinite Harmonic Chains. Journal of Statistical Physics, 2017, 168, 620-651.	1.2	2
40	Dissipative entanglement of quantum spin fluctuations. Journal of Mathematical Physics, 2016, 57, 062208.	1.1	13
41	Non-markovian mesoscopic dissipative dynamics of open quantum spin chains. Physics Letters, Section A: General, Atomic and Solid State Physics, 2016, 380, 381-389.	2.1	15
42	Dissipative dynamics of quantum fluctuations. Annalen Der Physik, 2015, 527, 639-655.	2.4	8
43	Environment induced entanglement in many-body mesoscopic systems. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 1700-1703.	2.1	7
44	A non-Markovian Dissipative Maryland Model. Open Systems and Information Dynamics, 2013, 20, 1340001.	1.2	0
45	COGAS plant as possible future alternative to the diesel engine for the propulsion of large ships. , 2011, , 603-613.		4
46	Inferring Markovian quantum master equations of few-body observables in interacting spin chains. New Journal of Physics, 0, , .	2.9	0