Marco Schiro

List of Publications by Year
in descending order

31 papers	1,227 citations	471509 17 h-index	434195 31 g-index
31 all docs	31 docs citations	31 times ranked	1024 citing authors

#	Article	IF	Citations
1	Time-Dependent Mean Field Theory for Quench Dynamics in Correlated Electron Systems. Physical Review Letters, 2010, 105, 076401.	7.8	168
2	Localization and Glassy Dynamics Of Many-Body Quantum Systems. Scientific Reports, 2012, 2, 243.	3.3	145
3	Real-time diagrammatic Monte Carlo for nonequilibrium quantum transport. Physical Review B, 2009, 79, .	3.2	143
4	Quantum quenches in the Hubbard model: Time-dependent mean-field theory and the role of quantum fluctuations. Physical Review B, 2011, 83, .	3.2	92
5	Many-body quantum electrodynamics networks: Non-equilibrium condensed matter physics with light. Comptes Rendus Physique, 2016, 17, 808-835.	0.9	82
6	Transient Dynamics of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>d</mml:mi></mml:math>-Wave Superconductors after a Sudden Excitation. Physical Review Letters, 2015, 115, 257001.	7.8	68
7	Transient Orthogonality Catastrophe in a Time-Dependent Nonequilibrium Environment. Physical Review Letters, 2014, 112, 246401.	7.8	53
8	Real-time dynamics in quantum impurity models with diagrammatic Monte Carlo. Physical Review B, 2010, 81, .	3.2	52
9	Multistability of Driven-Dissipative Quantum Spins. Physical Review Letters, 2020, 124, 043601.	7.8	45
10	Resonant Thermalization of Periodically Driven Strongly Correlated Electrons. Physical Review Letters, 2018, 120, 197601.	7.8	39
11	Tunable hybrid quantum electrodynamics from nonlinear electron transport. Physical Review B, 2014, 89, .	3.2	38
12	Enhancement of local pairing correlations in periodically driven Mott insulators. Physical Review B, 2020, 101, .	3.2	37
13	Driven dissipative dynamics and topology of quantum impurity systems. Comptes Rendus Physique, 2018, 19, 451-483.	0.9	31
14	Linear ramps of interaction in the fermionic Hubbard model. Physical Review B, 2012, 86, .	3.2	30
15	Spectral functions and negative density of states of a driven-dissipative nonlinear quantum resonator. New Journal of Physics, 2019, 21, 043040.	2.9	25
16	Quantum phase transition of light in the Rabiâ€“Hubbard model. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 224021.	1.5	21
17	Transport across an impurity in one-dimensional quantum liquids far from equilibrium. Physical Review B, 2015, 91, .	3.2	17
18	Emergent finite frequency criticality of driven-dissipative correlated lattice bosons. Physical Review B, 2019, 99, .	3.2	17

#	Article	IF	Citations
19	Dynamical Mean-Field Theory for Markovian Open Quantum Many-Body Systems. Physical Review X, 2021, 11, .	8.9	17
20	Diffusion and thermalization in a boundary-driven dephasing model. Physical Review B, 2021, 104, .	3.2	16
21	Quantumâ€“classical nonadiabatic dynamics of Floquet driven systems. Journal of Chemical Physics, 2021, 154, 114101.	3.0	14
22	Strongly correlated superconductivity arising in a pseudogap metal. Physical Review B, 2008, 77, .	3.2	11
23	Transient Loschmidt echo in quenched Ising chains. Physical Review B, 2016, 94, .	3.2	11
24	Quantum impurity models coupled to Markovian and non-Markovian baths. Journal of Chemical Physics, 2019, 151, 044102.	3.0	11
25	Correlation-induced steady states and limit cycles in driven dissipative quantum systems. Physical Review B, 2020, 102, .	3.2	10
26	Nonequilibrium dynamics across an impurity quantum critical point due to quantum quenches. Physical Review B, 2012, 86, .	3.2	9
27	Quenches and (pre)thermalization in a mixed Sachdev-Ye-Kitaev model. Physical Review B, 2022, 105, .	3.2	8
28	Signatures of self-trapping in the driven-dissipative Boseâ€“Hubbard dimer. New Journal of Physics, 2021, 23, 063056.	2.9	6
29	Detection of squeezed phonons in pump-probe spectroscopy. Physical Review B, 2020, 102, .	3.2	4
30	Steady-state quantum Zeno effect of driven-dissipative bosons with dynamical mean-field theory. Physical Review A, 2022, 106, .	2.5	4
31	Kondo induced <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Ï€</mml:mi></mml:math> -phase shift of microwave photons in a circuit quantum electrodynamics architecture. Physical Review B, 2021, 104, .	3.2	3