Filippo M Gambetta

List of Publications by Year
in descending order

19	391	759233 12	839539 18
papers	citations	h-index	g-index

19	19	19	340
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exploring the Many-Body Dynamics Near a Conical Intersection with Trapped Rydberg Ions. Physical Review Letters, 2021, 126, 233404.	7.8	13
2	Long-Range Multibody Interactions and Three-Body Antiblockade in a Trapped Rydberg Ion Chain. Physical Review Letters, 2020, 125, 133602.	7.8	28
3	Engineering NonBinary Rydberg Interactions via Phonons in an Optical Lattice. Physical Review Letters, 2020, 124, 043402.	7.8	40
4	Nonequilibrium Quantum Many-Body Rydberg Atom Engine. Physical Review Letters, 2020, 124, 170602.	7.8	27
5	Exploring nonequilibrium phases of the generalized Dicke model with a trapped Rydberg-ion quantum simulator. Physical Review A, 2019, 100, .	2.5	13
6	Classical stochastic discrete time crystals. Physical Review E, 2019, 100, 060105.	2.1	32
7	Discrete Time Crystals in the Absence of Manifest Symmetries or Disorder in Open Quantum Systems. Physical Review Letters, 2019, 122, 015701.	7.8	90
8	Nonmonotonic response and light-cone freezing in fermionic systems under quantum quenches from gapless to gapped or partially gapped states. Physical Review B, 2018, 97, .	3.2	20
9	Asymmetries in the spectral density of an interaction-quenched Luttinger liquid. Journal of Physics: Conference Series, 2018, 969, 012140.	0.4	0
10	Effective metal-insulator nonequilibrium quantum phase transition in the Su-Schrieffer-Heeger model. Physical Review B, 2018, 98, .	3.2	6
11	Universal scaling of quench-induced correlations in a one-dimensional channel at finite temperature. SciPost Physics, 2018, 4, .	4.9	8
12	Nonequilibrium effects on charge and energy partitioning after an interaction quench. Physical Review B, 2017, 95, .	3.2	14
13	Quench-induced entanglement and relaxation dynamics in Luttinger liquids. Physical Review B, 2017, 96, .	3.2	20
14	Out-of-equilibrium density dynamics of a quenched fermionic system. Physical Review B, 2016, 94, .	3.2	23
15	Universal transport dynamics in a quenched tunnel-coupled Luttinger liquid. Physical Review B, 2016, 94, .	3.2	7
16	Anomalous Friedel oscillations in a quasihelical quantum dot. Physical Review B, 2015, 91, .	3.2	20
17	Crystallization of fractional charges in a strongly interacting quasihelical quantum dot. Physical Review B, 2015, 92, .	3.2	9
18	Current noise as a probe for Wigner molecules. Journal of Physics Condensed Matter, 2015, 27, 425301.	1.8	2

#	Article	IF	Citations
19	Correlation functions for the detection of Wigner molecules in a one-channel Luttinger liquid quantum dot. Europhysics Letters, 2014, 107, 47010.	2.0	19