

Rosario Fazio

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

383
papers

16,617
citations

62
h-index

117
g-index

396
ext. papers

18,745
ext. citations

4.3
avg, IF

6.87
L-index

#	Paper	IF	Citations
383	Entanglement in many-body systems. <i>Reviews of Modern Physics</i> , 2008 , 80, 517-576	40.5	2306
382	Scaling of entanglement close to a quantum phase transition. <i>Nature</i> , 2002 , 416, 608-10	50.4	1412
381	Quantum phase transitions and vortex dynamics in superconducting networks. <i>Physics Reports</i> , 2001 , 355, 235-334	27.7	371
380	Detection of geometric phases in superconducting nanocircuits. <i>Nature</i> , 2000 , 407, 355-8	50.4	338
379	High-fidelity quantum driving. <i>Nature Physics</i> , 2012 , 8, 147-152	16.2	315
378	Optimal control at the quantum speed limit. <i>Physical Review Letters</i> , 2009 , 103, 240501	7.4	278
377	Anderson localization of entangled photons in an integrated quantum walk. <i>Nature Photonics</i> , 2013 , 7, 322-328	33.9	275
376	Decoherence and 1/f noise in Josephson qubits. <i>Physical Review Letters</i> , 2002 , 88, 228304	7.4	264
375	Dynamics of entanglement in one-dimensional spin systems. <i>Physical Review A</i> , 2004 , 69,	2.6	237
374	Dynamical phase transitions and instabilities in open atomic many-body systems. <i>Physical Review Letters</i> , 2010 , 105, 015702	7.4	215
373	Extracting quantum work statistics and fluctuation theorems by single-qubit interferometry. <i>Physical Review Letters</i> , 2013 , 110, 230601	7.4	213
372	Charge and vortex dynamics in arrays of tunnel junctions. <i>Physical Review B</i> , 1991 , 43, 5307-5320	3.3	193
371	Entanglement entropy dynamics of Heisenberg chains. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2006 , 2006, P03001-P03001	1.9	177
370	Mott-insulating and glassy phases of polaritons in 1D arrays of coupled cavities. <i>Physical Review Letters</i> , 2007 , 99, 186401	7.4	162
369	Decoherence induced by interacting quantum spin baths. <i>Physical Review A</i> , 2007 , 75,	2.6	161
368	The power of a critical heat engine. <i>Nature Communications</i> , 2016 , 7, 11895	17.4	157
367	The quantum-optical Josephson interferometer. <i>Nature Physics</i> , 2009 , 5, 281-284	16.2	154

366	Measures of quantum synchronization in continuous variable systems. <i>Physical Review Letters</i> , 2013 , 111, 103605	7.4	151
365	Photon solid phases in driven arrays of nonlinearly coupled cavities. <i>Physical Review Letters</i> , 2013 , 110, 163605	7.4	132
364	Unbinding of charge-anticharge pairs in two-dimensional arrays of small tunnel junctions. <i>Physical Review Letters</i> , 1990 , 65, 645-648	7.4	130
363	Full counting statistics in strongly interacting systems: non-Markovian effects. <i>Physical Review Letters</i> , 2006 , 96, 026805	7.4	126
362	Nonequilibrium fluctuations in quantum heat engines: theory, example, and possible solid state experiments. <i>New Journal of Physics</i> , 2015 , 17, 035012	2.9	124
361	Non-Abelian holonomies, charge pumping, and quantum computation with Josephson junctions. <i>Physical Review Letters</i> , 2003 , 90, 028301	7.4	123
360	Quantum quenches, thermalization, and many-body localization. <i>Physical Review B</i> , 2011 , 83,	3.3	120
359	Resonant Andreev Tunneling in Strongly Interacting Quantum Dots. <i>Physical Review Letters</i> , 1998 , 80, 2913-2916	7.4	119
358	Adiabatic quantum dynamics of a random Ising chain across its quantum critical point. <i>Physical Review B</i> , 2007 , 76,	3.3	113
357	Pumping spin with electrical fields. <i>Physical Review B</i> , 2003 , 68,	3.3	112
356	Signatures of the superfluid-insulator phase transition in laser-driven dissipative nonlinear cavity arrays. <i>Physical Review A</i> , 2010 , 81,	2.6	106
355	Quantum phase transitions of interacting bosons and the supersolid phase. <i>Physical Review B</i> , 1995 , 52, 16176-16186	3.3	106
354	Aharonov-Bohm oscillations and resonant tunneling in strongly correlated quantum dots. <i>Physical Review Letters</i> , 1996 , 76, 114-117	7.4	105
353	Many-body phenomena in QED-cavity arrays [Invited]. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2010 , 27, A130	1.7	103
352	Adiabatic pumping through interacting quantum dots. <i>Physical Review Letters</i> , 2005 , 95, 246803	7.4	102
351	Thermoelectric effects in Kondo-correlated quantum dots. <i>Europhysics Letters</i> , 2001 , 56, 576-582	1.6	101
350	Superconductor-Mott-insulator transition in Bose systems with finite-range interactions. <i>Physical Review B</i> , 1993 , 47, 342-347	3.3	101
349	Small Superconducting Grain in the Canonical Ensemble. <i>Physical Review Letters</i> , 1998 , 80, 4542-4545	7.4	97

348	Fulde-Ferrell-Larkin-Ovchinnikov pairing in one-dimensional optical lattices. <i>Physical Review B</i> , 2008 , 77,	3.3	96
347	Information-capacity description of spin-chain correlations. <i>Physical Review A</i> , 2005 , 71,	2.6	96
346	Velocity-modulation control of electron-wave propagation in graphene. <i>Physical Review B</i> , 2010 , 81,	3.3	95
345	Robust optimal quantum gates for Josephson charge qubits. <i>Physical Review Letters</i> , 2007 , 99, 170501	7.4	95
344	Floquet time crystal in the Lipkin-Meshkov-Glick model. <i>Physical Review B</i> , 2017 , 95,	3.3	93
343	Minimal self-contained quantum refrigeration machine based on four quantum dots. <i>Physical Review Letters</i> , 2013 , 110, 256801	7.4	89
342	Phase diagram of spin-1 bosons on one-dimensional lattices. <i>Physical Review Letters</i> , 2005 , 95, 240404	7.4	87
341	Boundary Time Crystals. <i>Physical Review Letters</i> , 2018 , 121, 035301	7.4	84
340	Cluster Mean-Field Approach to the Steady-State Phase Diagram of Dissipative Spin Systems. <i>Physical Review X</i> , 2016 , 6,	9.1	84
339	From perfect to fractal transmission in spin chains. <i>Physical Review A</i> , 2005 , 72,	2.6	83
338	Adiabatic dynamics in open quantum critical many-body systems. <i>Physical Review Letters</i> , 2008 , 101, 175701	7.4	78
337	Solid-state quantum communication with Josephson arrays. <i>Physical Review B</i> , 2005 , 71,	3.3	78
336	Critical dynamical properties of a first-order dissipative phase transition. <i>Physical Review A</i> , 2017 , 95,	2.6	76
335	Mutual information as an order parameter for quantum synchronization. <i>Physical Review A</i> , 2015 , 91,	2.6	73
334	Josephson current through a Luttinger liquid. <i>Physical Review Letters</i> , 1995 , 74, 1843-1846	7.4	73
333	Shortcut to adiabaticity in the Lipkin-Meshkov-Glick model. <i>Physical Review Letters</i> , 2015 , 114, 177206	7.4	72
332	Phase diagram of the extended Bose-Hubbard model. <i>New Journal of Physics</i> , 2012 , 14, 065012	2.9	71
331	Adiabatic quantum dynamics of the Lipkin-Meshkov-Glick model. <i>Physical Review B</i> , 2008 , 78,	3.3	70

330	Thermoelectric efficiency of three-terminal quantum thermal machines. <i>New Journal of Physics</i> , 2014 , 16, 085001	2.9	68
329	Response of Josephson-junction arrays near the quantum phase transition. <i>Physical Review B</i> , 1993 , 48, 3316-3326	3.3	68
328	Adiabatic pumping through a quantum dot with coulomb interactions: A perturbation expansion in the tunnel coupling. <i>Physical Review B</i> , 2006 , 74,	3.3	66
327	Scrambling and entanglement spreading in long-range spin chains. <i>Physical Review B</i> , 2018 , 98,	3.3	65
326	Magnetic crystals and helical liquids in alkaline-earth fermionic gases. <i>Nature Communications</i> , 2015 , 6, 8134	17.4	64
325	Speeding up and slowing down the relaxation of a qubit by optimal control. <i>Physical Review A</i> , 2013 , 88,	2.6	64
324	Fidelity and Leakage of Josephson Qubits. <i>Physical Review Letters</i> , 1999 , 83, 5385-5388	7.4	64
323	Quantum multiscale entanglement renormalization ansatz channels. <i>Physical Review Letters</i> , 2008 , 101, 180503	7.4	63
322	Detecting phonon blockade with photons. <i>Physical Review B</i> , 2011 , 84,	3.3	62
321	Andreev reflection in graphene nanoribbons. <i>Physical Review B</i> , 2009 , 79,	3.3	61
320	Statistical mechanics of the cluster Ising model. <i>Physical Review A</i> , 2011 , 84,	2.6	61
319	Anomalous Thermal Transport in Quantum Wires. <i>Physical Review Letters</i> , 1998 , 80, 5611-5614	7.4	61
318	Local quantum thermal susceptibility. <i>Nature Communications</i> , 2016 , 7, 12782	17.4	60
317	Quantum cloning in spin networks. <i>Physical Review A</i> , 2004 , 70,	2.6	55
316	Electron-electron interactions in decoupled graphene layers. <i>Physical Review B</i> , 2010 , 82,	3.3	53
315	Quantum phase transition between cluster and antiferromagnetic states. <i>Europhysics Letters</i> , 2011 , 95, 50001	1.6	53
314	Thermoelectric properties of an interacting quantum dot based heat engine. <i>Physical Review B</i> , 2017 , 95,	3.3	51
313	Speeding up critical system dynamics through optimized evolution. <i>Physical Review A</i> , 2011 , 84,	2.6	50

312	Adiabatic quenches through an extended quantum critical region. <i>Physical Review B</i> , 2008 , 77,	3.3	50
311	Steady-state phase diagram of a driven QED-cavity array with cross-Kerr nonlinearities. <i>Physical Review A</i> , 2014 , 90,	2.6	49
310	Energy transport between two integrable spin chains. <i>Physical Review B</i> , 2016 , 93,	3.3	48
309	Laughlin-like States in Bosonic and Fermionic Atomic Synthetic Ladders. <i>Physical Review X</i> , 2017 , 7,	9.1	48
308	Localized Majorana-Like Modes in a Number-Conserving Setting: An Exactly Solvable Model. <i>Physical Review Letters</i> , 2015 , 115, 156402	7.4	48
307	Robust gates for holonomic quantum computation. <i>Physical Review A</i> , 2006 , 73,	2.6	48
306	Charge shuttle as a nanomechanical rectifier. <i>Physical Review Letters</i> , 2005 , 94, 036806	7.4	48
305	Topological Fractional Pumping with Alkaline-Earth-Like Atoms in Synthetic Lattices. <i>Physical Review Letters</i> , 2017 , 118, 230402	7.4	47
304	Aharonov-Bohm-type oscillations of thermopower in a quantum-dot ring geometry. <i>Physical Review B</i> , 1997 , 55, 4069-4072	3.3	47
303	Phase diagram of the Bose-Hubbard model with T3 symmetry. <i>Physical Review B</i> , 2006 , 73,	3.3	47
302	Quantum phase transitions and commensurability in frustrated Josephson junction arrays. <i>Physica Scripta</i> , 1992 , T42, 159-170	2.6	47
301	Phase diagram of incoherently driven strongly correlated photonic lattices. <i>Physical Review A</i> , 2017 , 96,	2.6	46
300	Luther-Emery phase and atomic-density waves in a trapped fermion gas. <i>Physical Review Letters</i> , 2007 , 98, 030404	7.4	46
299	Adiabatic dynamics of a quantum critical system coupled to an environment: Scaling and kinetic equation approaches. <i>Physical Review B</i> , 2009 , 80,	3.3	45
298	Realization of fully frustrated Josephson-junction arrays with cold atoms. <i>Physical Review Letters</i> , 2005 , 95, 010401	7.4	45
297	Synthetic gauge fields in synthetic dimensions: interactions and chiral edge modes. <i>New Journal of Physics</i> , 2016 , 18, 035010	2.9	44
296	Critical behavior of dissipative two-dimensional spin lattices. <i>Physical Review B</i> , 2017 , 95,	3.3	42
295	Transitionless quantum driving in open quantum systems. <i>New Journal of Physics</i> , 2014 , 16, 053017	2.9	42

294	Phase transitions in dissipative Josephson chains: Monte Carlo results and response functions. <i>Physical Review B</i> , 1992 , 45, 2294-2304	3-3	42
293	Floquet time crystals in clock models. <i>Physical Review B</i> , 2019 , 99,	3-3	41
292	Squeezing Enhances Quantum Synchronization. <i>Physical Review Letters</i> , 2018 , 120, 163601	7-4	41
291	Exotic Attractors of the Nonequilibrium Rabi-Hubbard Model. <i>Physical Review Letters</i> , 2016 , 116, 143603	7-4	41
290	Local density of states in metal-topological superconductor hybrid systems. <i>Physical Review B</i> , 2012 , 85,	3-3	41
289	Counting statistics for entangled electrons. <i>Physical Review B</i> , 2002 , 65,	3-3	41
288	Photon transport in a dissipative chain of nonlinear cavities. <i>Physical Review A</i> , 2015 , 91,	2-6	40
287	Controlled coupling of spin-resolved quantum Hall edge states. <i>Physical Review Letters</i> , 2011 , 107, 236804	7-4	40
286	Electronic Hong-Ou-Mandel interferometer for multimode entanglement detection. <i>Physical Review B</i> , 2006 , 74,	3-3	40
285	Re-entrant spin susceptibility of a superconducting grain. <i>Physical Review Letters</i> , 2000 , 84, 550-3	7-4	40
284	dc and ac Josephson effect in a superconductor-Luttinger-liquid-superconductor system. <i>Physical Review B</i> , 1996 , 53, 6653-6664	3-3	39
283	All-optical non-Markovian stroboscopic quantum simulator. <i>Physical Review A</i> , 2015 , 91,	2-6	38
282	Bang-bang control of a qubit coupled to a quantum critical spin bath. <i>Physical Review A</i> , 2008 , 77,	2-6	38
281	Anomalous suppression of the shot noise in a nanoelectromechanical system. <i>Physical Review B</i> , 2006 , 74,	3-3	38
280	The Bose-Hubbard model: from Josephson junction arrays to optical lattices. <i>Annalen Der Physik</i> , 2005 , 14, 566-577	2-6	38
279	Unconstrained tree tensor network: An adaptive gauge picture for enhanced performance. <i>Physical Review B</i> , 2014 , 90,	3-3	37
278	Clauser-Horne inequality for electron-counting statistics in multiterminal mesoscopic conductors. <i>Physical Review B</i> , 2004 , 69,	3-3	37
277	Absorption refrigerators based on Coulomb-coupled single-electron systems. <i>Physical Review B</i> , 2018 , 98,	3-3	36

276	Dynamics of entanglement in quantum computers with imperfections. <i>Physical Review Letters</i> , 2003 , 91, 187901	7.4	36
275	Local density of states in superconductor-ferromagnetic hybrid systems. <i>Europhysics Letters</i> , 1999 , 45, 707-713	1.6	36
274	The BCS model and the off-shell Bethe ansatz for vertex models. <i>Journal of Physics A</i> , 2001 , 34, 6425-6434		35
273	Stabilizing strongly correlated photon fluids with non-Markovian reservoirs. <i>Physical Review A</i> , 2017 , 96,	2.6	34
272	Homogeneous binary trees as ground states of quantum critical Hamiltonians. <i>Physical Review A</i> , 2010 , 81,	2.6	34
271	Dissipation in adiabatic quantum computers: lessons from an exactly solvable model. <i>New Journal of Physics</i> , 2017 , 19, 113029	2.9	33
270	Separation of heat and charge currents for boosted thermoelectric conversion. <i>Physical Review B</i> , 2015 , 91,	3.3	33
269	Topological order following a quantum quench. <i>Physical Review A</i> , 2009 , 80,	2.6	33
268	Quantum algorithms for Josephson networks. <i>Physical Review Letters</i> , 2001 , 87, 257905	7.4	33
267	Positive cross-correlations induced by ferromagnetic contacts. <i>Physical Review B</i> , 2002 , 65,	3.3	33
266	Decoherence by engineered quantum baths. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2007 , 40, 8033-8040	2	32
265	Shot noise for resonant Cooper pair tunneling. <i>Physical Review Letters</i> , 2001 , 87, 116601	7.4	32
264	Quantum Vortex Dynamics in Josephson Junction Arrays. Ballistic Motion, Dissipation, and Tunnelling. <i>Europhysics Letters</i> , 1994 , 25, 453-458	1.6	31
263	Thermalization in a periodically driven fully connected quantum Ising ferromagnet. <i>Europhysics Letters</i> , 2015 , 110, 37005	1.6	30
262	Quantum breathing of an impurity in a one-dimensional bath of interacting bosons. <i>Physical Review Letters</i> , 2013 , 110, 015302	7.4	30
261	Charge and current fluctuations in a superconducting single-electron transistor near a Cooper pair resonance. <i>Physical Review B</i> , 2003 , 67,	3.3	30
260	Ultraefficient cooling in ferromagnetic-superconductor microrefrigerators. <i>Applied Physics Letters</i> , 2002 , 80, 3784-3786	3.4	30
259	Anomalous Density of States of a Luttinger Liquid in Contact with a Superconductor. <i>Physical Review Letters</i> , 1996 , 77, 3200-3203	7.4	30

258	Simulation and detection of photonic Chern insulators in a one-dimensional circuit-QED lattice. <i>Physical Review A</i> , 2015 , 92,	2.6	29
257	Floquet theory of Cooper pair pumping. <i>Physical Review B</i> , 2011 , 83,	3.3	29
256	Aspects of Qubit Dynamics in the Presence of Leakage. <i>Journal of Low Temperature Physics</i> , 2000 , 118, 795-804	1.3	29
255	Phase transitions in dissipative Josephson chains. <i>Physical Review B</i> , 1990 , 41, 4009-4016	3.3	29
254	Crossed Andreev reflection-induced magnetoresistance. <i>Physical Review Letters</i> , 2006 , 97, 087001	7.4	28
253	Coherent oscillations in a Cooper-pair box. <i>Europhysics Letters</i> , 2001 , 53, 251-256	1.6	28
252	Dissipative topological superconductors in number-conserving systems. <i>Physical Review B</i> , 2016 , 93,	3.3	27
251	The XYZ chain with Dzyaloshinsky-Moriya interactions: from spin-orbit-coupled lattice bosons to interacting Kitaev chains. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2014 , 2014, P09005	1.9	27
250	From localization to anomalous diffusion in the dynamics of coupled kicked rotors. <i>Physical Review E</i> , 2018 , 97, 022202	2.4	26
249	Non-Abelian superconducting pumps. <i>Physical Review Letters</i> , 2008 , 100, 027002	7.4	25
248	Macroscopic entanglement in Josephson nanocircuits. <i>Physical Review B</i> , 2001 , 64,	3.3	25
247	Linked cluster expansions for open quantum systems on a lattice. <i>Physical Review B</i> , 2018 , 97,	3.3	24
246	Signatures of many-body localization in the dynamics of two-site entanglement. <i>Physical Review B</i> , 2016 , 94,	3.3	24
245	Dissipative Landau-Zener problem and thermally assisted Quantum Annealing. <i>Physical Review B</i> , 2017 , 96,	3.3	24
244	Optimized single-qubit gates for Josephson phase qubits. <i>Physical Review B</i> , 2009 , 79,	3.3	24
243	Spatially resolved analysis of edge-channel equilibration in quantum Hall circuits. <i>Physical Review B</i> , 2011 , 83,	3.3	24
242	Pumping through a quantum dot in the proximity of a superconductor. <i>Physical Review B</i> , 2007 , 75,	3.3	24
241	Cloning transformations in spin networks without external control. <i>Physical Review A</i> , 2005 , 72,	2.6	24

240	Blockade and counterflow supercurrent in exciton-condensate Josephson junctions. <i>Physical Review Letters</i> , 2010 , 104, 027004	7.4	23
239	Many-body localization and thermalization in the full probability distribution function of observables. <i>New Journal of Physics</i> , 2012 , 14, 095020	2.9	23
238	Multichannel architecture for electronic quantum Hall interferometry. <i>Physical Review B</i> , 2008 , 77,	3.3	23
237	Andreev interference in adiabatic pumping. <i>Physical Review B</i> , 2004 , 70,	3.3	23
236	Complexity of controlling quantum many-body dynamics. <i>Physical Review A</i> , 2014 , 89,	2.6	22
235	Coupled qubits as a quantum heat switch. <i>Quantum Science and Technology</i> , 2017 , 2, 044007	5.5	22
234	Geometric-phase backaction in a mesoscopic qubit-oscillator system. <i>Physical Review A</i> , 2012 , 85,	2.6	22
233	Duality in Josephson junction arrays. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1997 , 58, 79-90		22
232	Phase-dependent electronic specific heat of mesoscopic Josephson junctions. <i>Physical Review B</i> , 2008 , 78,	3.3	22
231	Bound entanglement in the XY model. <i>New Journal of Physics</i> , 2007 , 9, 322-322	2.9	22
230	epsilon expansion of the conductivity at the superconductor-Mott-insulator transition. <i>Physical Review B</i> , 1996 , 53, R8883-R8886	3.3	22
229	Measurement-induced criticality in (2+1)-dimensional hybrid quantum circuits. <i>Physical Review B</i> , 2020 , 102,	3.3	22
228	Efficiency of quantum controlled non-Markovian thermalization. <i>New Journal of Physics</i> , 2015 , 17, 063031	1.9	21
227	Photon and polariton fluctuations in arrays of QED-cavities. <i>Europhysics Letters</i> , 2008 , 83, 47011	1.6	21
226	Coulomb-interaction effects in full counting statistics of a quantum-dot Aharonov-Bohm interferometer. <i>Physical Review B</i> , 2008 , 78,	3.3	21
225	A scheme for entanglement extraction from a solid. <i>New Journal of Physics</i> , 2006 , 8, 95-95	2.9	21
224	Josephson Current in Nb/InAs/Nb Highly Transmissive Ballistic Junctions. <i>Journal of Superconductivity and Novel Magnetism</i> , 2004 , 17, 317-321		21
223	Thermal transport in granular metals. <i>Europhysics Letters</i> , 2005 , 69, 435-441	1.6	21

222	Fully frustrated XY model with next-nearest-neighbor interaction. <i>Physical Review B</i> , 2000 , 62, R9287-R9390	3.9	21
221	Steady-state entanglement activation in optomechanical cavities. <i>Physical Review A</i> , 2014 , 89,	2.6	20
220	Environment-governed dynamics in driven quantum systems. <i>Physical Review Letters</i> , 2013 , 110, 150403	7.4	20
219	Quantum simulation of bosonic-fermionic noninteracting particles in disordered systems via a quantum walk. <i>Physical Review A</i> , 2014 , 89,	2.6	20
218	Photon production from the vacuum close to the superradiant transition: linking the dynamical Casimir effect to the Kibble-Zurek mechanism. <i>Physical Review Letters</i> , 2012 , 108, 093603	7.4	20
217	Critical exponents with a multiscale entanglement renormalization Ansatz channel. <i>Physical Review B</i> , 2009 , 80,	3.3	20
216	Dipole oscillations of confined lattice bosons in one dimension. <i>Physical Review A</i> , 2009 , 79,	2.6	20
215	Tailoring Josephson coupling through superconductivity-induced nonequilibrium. <i>Physical Review Letters</i> , 2004 , 92, 137001	7.4	20
214	Adiabatic pumping in a superconductor-normal-superconductor weak link. <i>Physical Review Letters</i> , 2005 , 95, 256801	7.4	20
213	Phase diagram of the dissipative quantum Ising model on a square lattice. <i>Physical Review B</i> , 2018 , 98,	3.3	20
212	Dissipation, correlation and lags in heat engines. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2016 , 49, 345002	2	19
211	Magnetic thermal switch for heat management at the nanoscale. <i>Physical Review B</i> , 2015 , 91,	3.3	19
210	Homogeneous multiscale-entanglement-renormalization-ansatz states: An information theoretical analysis. <i>Physical Review A</i> , 2009 , 79,	2.6	19
209	Probing a composite spin-boson environment. <i>New Journal of Physics</i> , 2009 , 11, 063028	2.9	19
208	Direct comparison of quantum and simulated annealing on a fully connected Ising ferromagnet. <i>Physical Review A</i> , 2017 , 96,	2.6	18
207	Feedback-controlled heat transport in quantum devices: theory and solid-state experimental proposal. <i>New Journal of Physics</i> , 2017 , 19, 053027	2.9	18
206	Entanglement and magnetic order. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2009 , 42, 504001	2	18
205	Nonequilibrium spin-dependent phenomena in mesoscopic superconductor-normal metal tunnel structures. <i>Physical Review B</i> , 2007 , 76,	3.3	18

204	Superfluid density and quasi-long-range order in the one-dimensional disordered Bose-Hubbard model. <i>New Journal of Physics</i> , 2016 , 18, 015015	2.9	18
203	Entanglement entropy in a periodically driven Ising chain. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2016 , 2016, 073101	1.9	18
202	Glassy dynamics of Josephson arrays on a dice lattice. <i>Europhysics Letters</i> , 2003 , 61, 341-347	1.6	17
201	Shot noise of a quantum dot with non-Fermi-liquid correlations. <i>Physical Review B</i> , 2003 , 67,	3.3	17
200	Boosting the performance of small autonomous refrigerators via common environmental effects. <i>New Journal of Physics</i> , 2019 , 21, 123026	2.9	17
199	Finite-frequency noise in a topological superconducting wire. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2016 , 75, 15-21	3	16
198	Local shortcut to adiabaticity for quantum many-body systems. <i>Physical Review A</i> , 2016 , 93,	2.6	16
197	Theory of integer quantum Hall polaritons in graphene. <i>Physical Review B</i> , 2014 , 89,	3.3	16
196	Characterizing electron entanglement in multiterminal mesoscopic conductors. <i>Physical Review B</i> , 2007 , 75,	3.3	16
195	Ferromagnetic resonant tunneling diodes as spin polarimeters. <i>Applied Physics Letters</i> , 2003 , 82, 2449-2451	3.4	16
194	Homogeneous Floquet time crystal protected by gauge invariance. <i>Physical Review Research</i> , 2020 , 2,	3.9	16
193	Multipartite entanglement after a quantum quench. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2017 , 2017, 053104	1.9	15
192	Josephson current in a four-terminal superconductor/exciton-condensate/superconductor system. <i>Physical Review B</i> , 2011 , 84,	3.3	15
191	4e-condensation in a fully frustrated Josephson junction diamond chain. <i>Physical Review B</i> , 2006 , 73,	3.3	15
190	Short-range order and phase diagram of a three-dimensional granular superconductor. <i>Physical Review B</i> , 1986 , 34, 4909-4911	3.3	15
189	Synchronization along quantum trajectories. <i>Physical Review Research</i> , 2020 , 2,	3.9	15
188	Geometric properties of adiabatic quantum thermal machines. <i>Physical Review B</i> , 2020 , 102,	3.3	15
187	Detecting two-site spin-entanglement in many-body systems with local particle-number fluctuations. <i>New Journal of Physics</i> , 2015 , 17, 013015	2.9	14

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