

# Thierry Giamarchi

## List of Publications by Citations

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277  
papers

15,943  
citations

60  
h-index

120  
g-index

303  
ext. papers

17,480  
ext. citations

5.2  
avg, IF

6.91  
L-index

#	Paper	IF	Citations
277	Quantum Physics in One Dimension <b>2003</b> ,		1681
276	Anderson localization and interactions in one-dimensional metals. <i>Physical Review B</i> , <b>1988</b> , 37, 325-340	3.3	666
275	One dimensional bosons: From condensed matter systems to ultracold gases. <i>Reviews of Modern Physics</i> , <b>2011</b> , 83, 1405-1466	40.5	658
274	Elastic theory of flux lattices in the presence of weak disorder. <i>Physical Review B</i> , <b>1995</b> , 52, 1242-1270	3.3	575
273	Bose-Einstein condensation in magnetic insulators. <i>Nature Physics</i> , <b>2008</b> , 4, 198-204	16.2	512
272	Domain Wall Creep in an Ising Ultrathin Magnetic Film. <i>Physical Review Letters</i> , <b>1998</b> , 80, 849-852	7.4	503
271	Domain wall creep in epitaxial ferroelectric Pb(Zr(0.2)Ti(0.08)O(3) thin films. <i>Physical Review Letters</i> , <b>2002</b> , 89, 097601	7.4	444
270	Elastic theory of pinned flux lattices. <i>Physical Review Letters</i> , <b>1994</b> , 72, 1530-1533	7.4	398
269	Phase diagrams of flux lattices with disorder. <i>Physical Review B</i> , <b>1997</b> , 55, 6577-6583	3.3	359
268	Quantum dynamics of a mobile spin impurity. <i>Nature Physics</i> , <b>2013</b> , 9, 235-241	16.2	348
267	Creep and depinning in disordered media. <i>Physical Review B</i> , <b>2000</b> , 62, 6241-6267	3.3	336
266	Coupled ladders in a magnetic field. <i>Physical Review B</i> , <b>1999</b> , 59, 11398-11407	3.3	300
265	Moving glass phase of driven lattices. <i>Physical Review Letters</i> , <b>1996</b> , 76, 3408-3411	7.4	230
264	Quantum dynamics of impurities in a one-dimensional Bose gas. <i>Physical Review A</i> , <b>2012</b> , 85,	2.6	220
263	Moving glass theory of driven lattices with disorder. <i>Physical Review B</i> , <b>1998</b> , 57, 11356-11403	3.3	208
262	Critical properties of gapped spin-chains and ladders in a magnetic field. <i>Physical Review B</i> , <b>1997</b> , 55, 5816-5826	3.3	186
261	Domain wall roughness in epitaxial ferroelectric PbZr <sub>0.2</sub> Ti <sub>0.8</sub> O <sub>3</sub> thin films. <i>Physical Review Letters</i> , <b>2005</b> , 94, 197601	7.4	183

260	Umklapp process and resistivity in one-dimensional fermion systems. <i>Physical Review B</i> , <b>1991</b> , 44, 2905-2913	3.3	182
259	Correlation functions of one-dimensional quantum systems. <i>Physical Review B</i> , <b>1989</b> , 39, 4620-4629	3.3	179
258	On-chain electrostatics of metallic (TMTSF) <sub>2</sub> X salts: Observation of Tomonaga-Luttinger liquid response. <i>Physical Review B</i> , <b>1998</b> , 58, 1261-1271	3.3	175
257	Mott transition in one dimension. <i>Physica B: Condensed Matter</i> , <b>1997</b> , 230-232, 975-980	2.8	167
256	Phase diagrams of the two-dimensional Hubbard and t-J models by a variational Monte Carlo method. <i>Physical Review B</i> , <b>1991</b> , 43, 12943-12951	3.3	149
255	Rise and fall of hidden string order of lattice bosons. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	146
254	Controlling Luttinger liquid physics in spin ladders under a magnetic field. <i>Physical Review Letters</i> , <b>2008</b> , 101, 137207	7.4	145
253	Quasiperiodic Bose-Hubbard model and localization in one-dimensional cold atomic gases. <i>Physical Review A</i> , <b>2008</b> , 78,	2.6	143
252	Localization and Interaction in One-Dimensional Quantum Fluids. <i>Europhysics Letters</i> , <b>1987</b> , 3, 1287-1293	1.6	140
251	A Bragg glass phase in the vortex lattice of a type II superconductor. <i>Nature</i> , <b>2001</b> , 413, 404-6	50.4	135
250	Thermodynamics of the spin Luttinger liquid in a model ladder material. <i>Physical Review Letters</i> , <b>2008</b> , 101, 247202	7.4	129
249	Theoretical framework for quasi-one dimensional systems. <i>Chemical Reviews</i> , <b>2004</b> , 104, 5037-56	68.1	128
248	Persistent currents in a one-dimensional ring for a disordered Hubbard model. <i>Physical Review B</i> , <b>1995</b> , 51, 10915-10922	3.3	117
247	Quantum critical states and phase transitions in the presence of non-equilibrium noise. <i>Nature Physics</i> , <b>2010</b> , 6, 806-810	16.2	114
246	Meissner effect in a bosonic ladder. <i>Physical Review B</i> , <b>2001</b> , 64,	3.3	110
245	Nanoscale studies of domain wall motion in epitaxial ferroelectric thin films. <i>Journal of Applied Physics</i> , <b>2006</b> , 100, 051608	2.5	101
244	Theory of spin-anisotropic electron-electron interactions in quasi-one-dimensional metals. <i>Journal De Physique</i> , <b>1988</b> , 49, 819-835		98
243	Mode-coupling-induced dissipative and thermal effects at long times after a quantum quench. <i>Physical Review Letters</i> , <b>2011</b> , 107, 150602	7.4	96

242	Spectroscopy of ultracold atoms by periodic lattice modulations. <i>Physical Review Letters</i> , <b>2006</b> , 97, 050404	7.4	92
241	Deconfinement transition and Luttinger to Fermi liquid crossover in quasi-one-dimensional systems. <i>Physical Review Letters</i> , <b>2001</b> , 87, 276405	7.4	92
240	Orbital currents in extended Hubbard models of high-Tc cuprate superconductors. <i>Physical Review Letters</i> , <b>2009</b> , 102, 017005	7.4	91
239	Spin dynamics in a one-dimensional ferromagnetic bose gas. <i>Physical Review Letters</i> , <b>2007</b> , 99, 240404	7.4	85
238	Statics and dynamics of weakly coupled antiferromagnetic spin-1/2 ladders in a magnetic field. <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	83
237	Effects of disorder on two strongly correlated coupled chains. <i>Physical Review B</i> , <b>1997</b> , 56, 7167-7188	3.3	79
236	Conductivity of a Luttinger liquid. <i>Physical Review B</i> , <b>1992</b> , 46, 9325-9331	3.3	79
235	Probing real-space and time-resolved correlation functions with many-body Ramsey interferometry. <i>Physical Review Letters</i> , <b>2013</b> , 111, 147205	7.4	77
234	Observation of a disordered bosonic insulator from weak to strong interactions. <i>Physical Review Letters</i> , <b>2014</b> , 113, 095301	7.4	75
233	Connecting strongly correlated superfluids by a quantum point contact. <i>Science</i> , <b>2015</b> , 350, 1498-501	3.3	75
232	Variational theory of elastic manifolds with correlated disorder and localization of interacting quantum particles. <i>Physical Review B</i> , <b>1996</b> , 53, 15206-15225	3.3	75
231	Dynamics below the depinning threshold in disordered elastic systems. <i>Physical Review Letters</i> , <b>2006</b> , 97, 057001	7.4	74
230	Variational Monte Carlo study of incommensurate antiferromagnetic phases in the two-dimensional Hubbard model. <i>Physical Review B</i> , <b>1990</b> , 42, 10641-10647	3.3	72
229	Creep motion of an elastic string in a random potential. <i>Physical Review Letters</i> , <b>2005</b> , 94, 047002	7.4	69
228	Broadening of the Berezinskii-Kosterlitz-Thouless superconducting transition by inhomogeneity and finite-size effects. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	68
227	Pinned Wigner crystals. <i>Physical Review B</i> , <b>2001</b> , 65,	3.3	67
226	Field-controlled magnetic order in the quantum spin-ladder system $(\text{Hfip})_2\text{CuBr}_4$ . <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	66
225	Spin-charge separation in two-component Bose gases. <i>Physical Review A</i> , <b>2008</b> , 77,	2.6	66

224	Creep dynamics of elastic manifolds via exact transition pathways. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	65
223	Kosterlitz-Thouless behavior in layered superconductors: the role of the vortex core energy. <i>Physical Review Letters</i> , <b>2007</b> , 98, 117008	7.4	65
222	Correlated Fermions in a One-Dimensional Quasiperiodic Potential. <i>Physical Review Letters</i> , <b>1999</b> , 83, 3908-3911	7.4	64
221	Resistivity of a one-dimensional interacting quantum fluid. <i>Physical Review B</i> , <b>1992</b> , 46, 342-349	3.3	63
220	Matrix product state applications for the ALPS project. <i>Computer Physics Communications</i> , <b>2014</b> , 185, 3430-3440	4.2	62
219	Two-component Fermi gas on internal-state-dependent optical lattices. <i>Physical Review Letters</i> , <b>2005</b> , 95, 226402	7.4	60
218	Curie and non-Curie behavior of impurity spins in quantum antiferromagnets. <i>Physical Review B</i> , <b>1993</b> , 48, 7070-7076	3.3	60
217	Replica Symmetry Breaking Instability in the 2D XY Model in a Random Field. <i>Physical Review Letters</i> , <b>1995</b> , 74, 606-609	7.4	59
216	Filming the formation and fluctuation of skyrmion domains by cryo-Lorentz transmission electron microscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 14212-7	11.5	58
215	Dynamics and universality in noise-driven dissipative systems. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	58
214	Modulation spectroscopy with ultracold fermions in an optical lattice. <i>Physical Review A</i> , <b>2006</b> , 74,	2.6	58
213	Singular low energy properties of an impurity model with finite range interactions. <i>Physical Review Letters</i> , <b>1993</b> , 70, 3967-3970	7.4	58
212	Creep via dynamical functional renormalization group. <i>Europhysics Letters</i> , <b>1998</b> , 44, 110-115	1.6	57
211	Thermal rounding of the depinning transition. <i>Europhysics Letters</i> , <b>2008</b> , 81, 26005	1.6	53
210	Scanning tunneling microscopy for ultracold atoms. <i>Physical Review A</i> , <b>2007</b> , 76,	2.6	53
209	Pinning-dependent field-driven domain wall dynamics and thermal scaling in an ultrathin Pt/Co/Pt magnetic film. <i>Physical Review Letters</i> , <b>2014</b> , 113, 027205	7.4	52
208	Thermalization and dissipation in out-of-equilibrium quantum systems: A perturbative renormalization group approach. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	51
207	Stability of the Bragg glass phase in a layered geometry. <i>Europhysics Letters</i> , <b>1996</b> , 35, 379-384	1.6	51

206	Competition of random and periodic potentials in interacting fermionic systems and classical equivalents: The Mott glass. <i>Physical Review B</i> , <b>2001</b> , 64,	3.3	51
205	Spectral and thermodynamic properties of a strong-leg quantum spin ladder. <i>Physical Review Letters</i> , <b>2012</b> , 108, 167201	7.4	49
204	Chemical pressure and hidden one-dimensional behavior in rare-earth tri-telluride charge-density wave compounds. <i>Physical Review B</i> , <b>2006</b> , 74,	3.3	49
203	Dynamical Properties of the Pinned Wigner Crystal. <i>Physical Review Letters</i> , <b>1998</b> , 80, 3827-3830	7.4	49
202	Design and evaluation of a crystalline hybrid of molecular conductors and molecular rotors. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 7880-91	16.4	48
201	Energy absorption of a Bose gas in a periodically modulated optical lattice. <i>Physical Review A</i> , <b>2006</b> , 73,	2.6	48
200	Quantum simulation of the Hubbard model: The attractive route. <i>Physical Review A</i> , <b>2009</b> , 79,	2.6	46
199	Interacting Bose gases in quasi-one-dimensional optical lattices. <i>New Journal of Physics</i> , <b>2006</b> , 8, 158-158.9	9	46
198	Nonequilibrium relaxation of an elastic string in a random potential. <i>Physical Review Letters</i> , <b>2005</b> , 95, 180604	7.4	46
197	Interchain conductivity of coupled Luttinger liquids and organic conductors. <i>Physical Review B</i> , <b>2000</b> , 61, 16393-16396	3.3	46
196	Variable-range hopping and quantum creep in one dimension. <i>Physical Review Letters</i> , <b>2003</b> , 91, 056603	7.4	45
195	Scaling behavior of the longitudinal and transverse transport in quasi-one-dimensional organic conductors. <i>Physical Review B</i> , <b>2005</b> , 71,	3.3	45
194	Interacting fermions in self-similar potentials. <i>Physical Review B</i> , <b>2001</b> , 65,	3.3	45
193	Transport properties of a quantum wire in the presence of impurities and long-range Coulomb forces. <i>Physical Review B</i> , <b>1995</b> , 51, 10833-10843	3.3	45
192	Flux quantization and pairing in one-dimensional copper-oxide models. <i>Physical Review Letters</i> , <b>1993</b> , 70, 978-981	7.4	45
191	Phase transition of interacting disordered bosons in one dimension. <i>Physical Review Letters</i> , <b>2012</b> , 109, 026402	7.4	44
190	Deconfinement in a 2D optical lattice of coupled 1D boson systems. <i>Physical Review Letters</i> , <b>2004</b> , 92, 130405	7.4	44
189	Band and Correlated Insulators of Cold Fermions in a Mesoscopic Lattice. <i>Physical Review X</i> , <b>2018</b> , 8,	9.1	42

188	Weakly disordered spin ladders. <i>Physical Review B</i> , <b>1998</b> , 57, 5812-5829	3-3	42
187	Breakup of the Fermi surface near the mott transition in low-dimensional systems. <i>Physical Review Letters</i> , <b>2006</b> , 97, 136401	7-4	41
186	Disordered elastic systems and one-dimensional interfaces. <i>Physica B: Condensed Matter</i> , <b>2012</b> , 407, 1725-1733	3-9	39
185	Spectroscopy for cold atom gases in periodically phase-modulated optical lattices. <i>Physical Review Letters</i> , <b>2011</b> , 106, 205301	7-4	39
184	Dipolar bosons in a planar array of one-dimensional tubes. <i>Physical Review Letters</i> , <b>2008</b> , 100, 130403	7-4	38
183	Topological quantum phase transition in the Ising-like antiferromagnetic spin chain BaCo <sub>2</sub> V <sub>2</sub> O <sub>8</sub> . <i>Nature Physics</i> , <b>2018</b> , 14, 716-722	16.2	37
182	Phase diagram of a three-orbital model for high-T <sub>c</sub> cuprate superconductors. <i>Physical Review Letters</i> , <b>2014</b> , 112, 117001	7-4	36
181	Magnetism and superconductivity of strongly correlated electrons on the triangular lattice. <i>Physical Review B</i> , <b>2006</b> , 73,	3-3	36
180	Possible New Phase of Commensurate Insulators with Disorder: The Mott Glass. <i>Physical Review Letters</i> , <b>1999</b> , 83, 2378-2381	7-4	36
179	Two-dimensional Fermi liquid with attractive interactions. <i>Physical Review Letters</i> , <b>2012</b> , 109, 130403	7-4	35
178	Short-time relaxation of a driven elastic string in a random medium. <i>Physical Review B</i> , <b>2006</b> , 74,	3-3	35
177	Scanning-tunneling spectroscopy of surface-state electrons scattered by a slightly disordered two-dimensional dilute "solid": Ce on Ag(111). <i>Physical Review Letters</i> , <b>2004</b> , 93, 146805	7-4	35
176	Spectrum of a magnetized strong-leg quantum spin ladder. <i>Physical Review Letters</i> , <b>2013</b> , 111, 107202	7-4	34
175	Mott transition for strongly interacting one-dimensional bosons in a shallow periodic potential. <i>Physical Review A</i> , <b>2016</b> , 93,	2.6	33
174	Thermal quench effects on ferroelectric domain walls. <i>Physical Review B</i> , <b>2012</b> , 85,	3-3	33
173	Effects of long-range electronic interactions on a one-dimensional electron system. <i>Physical Review B</i> , <b>2000</b> , 61, 13410-13417	3-3	33
172	Symmetric and asymmetric excitations of a strong-leg quantum spin ladder. <i>Physical Review B</i> , <b>2013</b> , 88,	3-3	29
171	Point-contact tunneling involving low-dimensional spin-triplet superconductors. <i>Physical Review Letters</i> , <b>2004</b> , 92, 127001	7-4	29

- 170 Vortices in coupled planes with columnar disorder and bosonic ladders. *Physical Review B*, **1998**, 57, 11713-11729
- 169 Dislocations and Bragg glasses in two dimensions. *Physica C: Superconductivity and Its Applications*, **2000**, 331, 233-240 1.3 28
- 168 Spin-anisotropic electron-electron interactions in one-dimensional metals. *Physical Review B*, **1986**, 33, 2066-2069 3.3 28
- 167 Giamarchi and Le Doussal Reply.. *Physical Review Letters*, **1997**, 78, 752-752 7.4 27
- 166 Orbital current patterns in doped two-leg Cu-O Hubbard ladders. *Physical Review B*, **2008**, 78, 3.3 27
- 165 Critical properties and Bose-Einstein condensation in dimer spin systems. *Physical Review B*, **2007**, 75, 3.3 27
- 164 Dynamics of Disordered Elastic Systems **2006**, 91-108 27
- 163 Thermal rounding exponent of the depinning transition of an elastic string in a random medium. *Physical Review E*, **2012**, 85, 021144 2.4 26
- 162 Adiabatic-antiadiabatic crossover in a spin-Peierls chain. *Physical Review B*, **2005**, 72, 3.3 26
- 161 Mott-superfluid transition in bosonic ladders. *Physical Review B*, **2001**, 63, 3.3 26
- 160 Spatiotemporal Patterns in Ultraslow Domain Wall Creep Dynamics. *Physical Review Letters*, **2017**, 118, 147208 7.4 25
- 159 Depinning of domain walls with an internal degree of freedom. *Physical Review B*, **2009**, 80, 3.3 25
- 158 Theory of the marginal-Fermi-liquid spectrum and pairing in a local copper oxide model. *Physical Review Letters*, **1994**, 72, 2478-2481 7.4 25
- 157 Tunneling conductance and local density of states in tight-binding junctions. *Physical Review B*, **2011**, 84, 3.3 24
- 156 Edge exponent in the dynamic spin structure factor of the Yang-Gaudin model. *Physical Review B*, **2009**, 80, 3.3 24
- 155 Translational order and neutron diffraction studies of magnetic flux lattices. *Physical Review Letters*, **1995**, 75, 3372 7.4 24
- 154 Dynamics of an impurity in a one-dimensional lattice. *New Journal of Physics*, **2013**, 15, 045018 2.9 23
- 153 Domain wall roughness in stripe phase BiFeO<sub>3</sub> thin films. *Physical Review Letters*, **2013**, 111, 247604 7.4 23



152	Fourier transform of the 2kF Luttinger liquid density correlation function with different spin and charge velocities. <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	23
151	Vortex Phases. <i>Lecture Notes in Physics</i> , <b>2002</b> , 314-360	0.8	23
150	Spontaneously magnetized Tomonaga-Luttinger liquid in frustrated quantum antiferromagnets. <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	22
149	Thermal rounding of the depinning transition in ultrathin Pt/Co/Pt films. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	22
148	Multiscaling analysis of ferroelectric domain wall roughness. <i>Physical Review Letters</i> , <b>2012</b> , 109, 147601	7.4	22
147	Spin ladders and quantum simulators for Tomonaga-Luttinger liquids. <i>Journal of Physics Condensed Matter</i> , <b>2013</b> , 25, 014004	1.8	22
146	Keldysh study of point-contact tunneling between superconductors. <i>Physical Review B</i> , <b>2005</b> , 71,	3.3	22
145	Static fluctuations of a thick one-dimensional interface in the 1+1 directed polymer formulation. <i>Physical Review E</i> , <b>2013</b> , 87, 042406	2.4	21
144	Temperature-induced crossovers in the static roughness of a one-dimensional interface. <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	21
143	Dynamical properties of the one-dimensional spin-1/2 Bose-Hubbard model near a Mott-insulator to ferromagnetic-liquid transition. <i>Physical Review Letters</i> , <b>2009</b> , 103, 110401	7.4	21
142	Luttinger-liquid theory of purple bronze $\text{Li}_{0.9}\text{Mo}_6\text{O}_{17}$ in the charge regime. <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	21
141	Commensurate-incommensurate transition in two-coupled chains of nearly half-filled electrons. <i>European Physical Journal B</i> , <b>2001</b> , 19, 185-193	1.2	21
140	Effects of weak disorder on two coupled Hubbard chains. <i>Physical Review B</i> , <b>1996</b> , 53, R10453-R10456	3.3	21
139	Measurement of the Dynamical Structure Factor of a 1D Interacting Fermi Gas. <i>Physical Review Letters</i> , <b>2018</b> , 121, 103001	7.4	21
138	Excitations in two-component Bose gases. <i>New Journal of Physics</i> , <b>2008</b> , 10, 045025	2.9	20
137	Nonequilibrium dynamics of coupled Luttinger liquids. <i>Physical Review A</i> , <b>2015</b> , 91,	2.6	19
136	Competing regimes of motion of 1D mobile impurities. <i>Physical Review Letters</i> , <b>2014</b> , 113, 070601	7.4	19
135	Doping dependence of the vortex-core energy in bilayer films of cuprates. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	19

134	Sine-Gordon description of Beresinskii-Kosterlitz-Thouless vortices in superconductors immersed in an external magnetic field. <i>Physical Review Letters</i> , <b>2007</b> , 99, 207002	7.4	19
133	Hall effect and interchain magneto-optical properties of coupled Luttinger liquids. <i>Physical Review B</i> , <b>2001</b> , 63,	3.3	19
132	Magnetic entropy landscape and Grüneisen parameter of a quantum spin ladder. <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	18
131	Lattice modulation spectroscopy of strongly interacting bosons in disordered and quasiperiodic optical lattices. <i>Physical Review A</i> , <b>2009</b> , 80,	2.6	18
130	SOME EXPERIMENTAL TESTS OF TOMONAGA-LUTTINGER LIQUIDS. <i>International Journal of Modern Physics B</i> , <b>2012</b> , 26, 1244004	1.1	18
129	Zero field Wigner crystal. <i>European Physical Journal B</i> , <b>2005</b> , 44, 455-467	1.2	18
128	Onset of surface superconductivity. <i>Physical Review B</i> , <b>1990</b> , 41, 11033-11046	3.3	18
127	Random-manifold to random-periodic depinning of an elastic interface. <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	17
126	Effects of thermal and spin fluctuations on the band structure of purple bronze $\text{Li}_2\text{Mo}_2\text{O}_3$ . <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	17
125	Numerical simulation evidence of dynamical transverse meissner effect and moving bose glass phase. <i>Physical Review Letters</i> , <b>2003</b> , 91, 037005	7.4	17
124	Pairing fluctuations in a one-dimensional copper oxide model. <i>Physical Review B</i> , <b>1995</b> , 51, 553-560	3.3	16
123	Electron spin resonance modes in a strong-leg ladder in the Tomonaga-Luttinger liquid phase. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	15
122	Competition of spin and charge excitations in the one-dimensional Hubbard model. <i>Physical Review A</i> , <b>2013</b> , 88,	2.6	15
121	Phase diagram of hole doped two-leg $\text{CuO}$ ladders. <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	15
120	Relaxation dynamics of two coherently coupled one-dimensional bosonic gases. <i>European Physical Journal: Special Topics</i> , <b>2017</b> , 226, 2763-2774	2.3	14
119	Electron spin resonance shift in spin ladder compounds. <i>Physical Review Letters</i> , <b>2012</b> , 108, 037204	7.4	14
118	Dynamic compressibility and aging in Wigner crystals and quantum glasses. <i>Physical Review Letters</i> , <b>2006</b> , 96, 217203	7.4	14
117	Dimensional crossover and deconfinement in Bechgaard salts. <i>European Physical Journal Special Topics</i> , <b>2004</b> , 114, 23-28		14

116	Renormalized Inter-Chain Hopping vs Charge Gap in Two Coupled Chains <b>1999</b> , 101, 763-768		14
115	Dispersion relation of a single hole in the t-J model determined by a variational Monte Carlo method. <i>Physical Review B</i> , <b>1993</b> , 47, 2775-2779	3.3	14
114	STATICS AND DYNAMICS OF DISORDERED ELASTIC SYSTEMS. <i>Series on Directions in Condensed Matter Physics</i> , <b>1997</b> , 321-356		14
113	Universal Hall Response in Interacting Quantum Systems. <i>Physical Review Letters</i> , <b>2019</b> , 122, 083402	7.4	13
112	Band Filling and Cross Quantum Capacitance in Ion-Gated Semiconducting Transition Metal Dichalcogenide Monolayers. <i>Nano Letters</i> , <b>2019</b> , 19, 8836-8845	11.5	13
111	Competition between vortex unbinding and tunneling in an optical lattice. <i>Physical Review A</i> , <b>2007</b> , 75,	2.6	13
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