

# Thierry Giamarchi

## List of Publications by Year in Descending Order

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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.

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 | Microscopic interplay of temperature and disorder of a one-dimensional elastic interface.. <i>Physical Review E</i> , <b>2022</b> , 105, 044138   | 2.4  |           |
| 276 | Creep Motion of Elastic Interfaces Driven in a Disordered Landscape. <i>Annual Review of Condensed Matter Physics</i> , <b>2021</b> , 12, 111-134   | 19.7 | 3         |
| 275 | Local Probe Comparison of Ferroelectric Switching Event Statistics in the Creep and Depinning Regimes in $\text{Pb}(\text{Zr}_{0.2}\text{Ti}_{0.8})\text{O}_3$ Thin Films. <i>Physical Review Letters</i> , <b>2021</b> , 126, 117601 | 7.4  | 6         |
| 274 | Roughness and dynamics of proliferating cell fronts as a probe of cell-cell interactions. <i>Scientific Reports</i> , <b>2021</b> , 11, 8869  | 4.9  | 5         |
| 273 | Large-scale thermalization, prethermalization, and impact of temperature in the quench dynamics of two unequal Luttinger liquids. <i>Physical Review Research</i> , <b>2021</b> , 3,  | 3.9  | 1         |
| 272 | Electronic transport in submicrometric channels at the $\text{LaAlO}_3/\text{SrTiO}_3$ interface. <i>Physical Review B</i> , <b>2021</b> , 103,   | 3.3  | 1         |
| 271 | Quenches in initially coupled Tomonaga-Luttinger Liquids: a conformal field theory approach. <i>SciPost Physics</i> , <b>2021</b> , 11,   | 6.1  | 2         |
| 270 | Probing the Hall Voltage in Synthetic Quantum Systems. <i>Physical Review Letters</i> , <b>2021</b> , 126, 030501   | 7.4  | 2         |
| 269 | Phase coherence in out-of-equilibrium supersolid states of ultracold dipolar atoms. <i>Nature Physics</i> , <b>2021</b> , 17, 356-361   | 16.2 | 5         |
| 268 | Generic transport formula for a system driven by Markovian reservoirs. <i>Physical Review B</i> , <b>2020</b> , 102,  | 3.3  | 4         |
| 267 | Lattice modulation spectroscopy of one-dimensional quantum gases: Universal scaling of the absorbed energy. <i>Physical Review Research</i> , <b>2020</b> , 2,  | 3.9  | 4         |
| 266 | Spin transport in a one-dimensional quantum wire. <i>Physical Review Research</i> , <b>2020</b> , 2,  | 3.9  | 1         |
| 265 | From bulk descriptions to emergent interfaces: Connecting the Ginzburg-Landau and elastic-line models. <i>Physical Review B</i> , <b>2020</b> , 102,  | 3.3  | 6         |
| 264 | Dynamic Manipulation in Piezoresponse Force Microscopy: Creating Nonequilibrium Phases with Large Electromechanical Response. <i>ACS Nano</i> , <b>2020</b> , 14, 10569-10577   | 16.7 | 7         |
| 263 | Lieb-Liniger Bosons in a Shallow Quasiperiodic Potential: Bose Glass Phase and Fractal Mott Lobes. <i>Physical Review Letters</i> , <b>2020</b> , 125, 060401   | 7.4  | 13        |
| 262 | Vanishing Hall Response of Charged Fermions in a Transverse Magnetic Field. <i>Physical Review Letters</i> , <b>2019</b> , 123, 086803  | 7.4  | 6         |
| 261 | Understanding repulsively mediated superconductivity of correlated electrons via massively parallel density matrix renormalization group. <i>Physical Review B</i> , <b>2019</b> , 100,   | 3.3  | 10        |

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|-----|--|------|----|
| 260 | Bulk pumping in two-dimensional topological phases. <i>Physical Review B</i> , <b>2019</b> , 99,   | 3.3  | 5  |
| 259 | Universal Hall Response in Interacting Quantum Systems. <i>Physical Review Letters</i> , <b>2019</b> , 122, 083402   | 7.4  | 13 |
| 258 | Polarization dependence of angle-resolved photoemission with submicron spatial resolution reveals emerging one-dimensionality of electrons in NbSe <sub>3</sub> . <i>Physical Review B</i> , <b>2019</b> , 99, | 3.3  | 6  |
| 257 | Dynamics of a mobile impurity in a two-leg bosonic ladder. <i>Physical Review A</i> , <b>2019</b> , 100,   | 2.6  | 10 |
| 256 | Tomonaga-Luttinger Liquid Spin Dynamics in the Quasi-One-Dimensional Ising-Like Antiferromagnet BaCo <sub>2</sub> V <sub>2</sub> O <sub>8</sub> . <i>Physical Review Letters</i> , <b>2019</b> , 123, 027204   | 7.4  | 4  |
| 255 | 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 |
| 254 | Band and Correlated Insulators of Cold Fermions in a Mesoscopic Lattice. <i>Physical Review X</i> , <b>2018</b> , 8,   | 9.1  | 42 |
| 253 | 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 |
| 252 | Investigating Skyrmions Using Lorentz Transmission Electron Microscopy. <i>Microscopy and Microanalysis</i> , <b>2018</b> , 24, 932-933  | 0.5  | 0  |
| 251 | Probing one-dimensional systems via noise magnetometry with single spin qubits. <i>Physical Review B</i> , <b>2018</b> , 98,   | 3.3  | 10 |
| 250 | Impurity coupled to a lattice with disorder. <i>Physical Review A</i> , <b>2018</b> , 98,  | 2.6  | 4  |
| 249 | Topological transition between competing orders in quantum spin chains. <i>Physical Review B</i> , <b>2018</b> , 98,   | 3.3  | 8  |
| 248 | Finite-temperature dynamical correlations for the dimerized spin-1/2 chain. <i>Physical Review B</i> , <b>2018</b> , 98,   | 3.3  | 6  |
| 247 | Transconducting Transition for a Dynamic Boundary Coupled to Several Luttinger Liquids. <i>Physical Review Letters</i> , <b>2018</b> , 121, 166803   | 7.4  | 2  |
| 246 | 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 |
| 245 | Controlled parity switch of persistent currents in quantum ladders. <i>Physical Review B</i> , <b>2018</b> , 97,   | 3.3  | 5  |
| 244 | Finite-temperature correlations in a quantum spin chain near saturation. <i>Physical Review B</i> , <b>2017</b> , 96,  | 3.3  | 10 |
| 243 | Spreading Frost Under the Microscope. <i>Physics Magazine</i> , <b>2017</b> , 10,  | 1.1  | 2  |

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|-----|---|------|----|
| 242 | Bound States and Field-Polarized Haldane Modes in a Quantum Spin Ladder. <i>Physical Review Letters</i> , <b>2017</b> , 118, 177202   | 7.4  | 6  |
| 241 | Spatiotemporal Patterns in Ultraslow Domain Wall Creep Dynamics. <i>Physical Review Letters</i> , <b>2017</b> , 118, 147208   | 7.4  | 25 |
| 240 | 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 |
| 239 | Finite-temperature effects on interacting bosonic one-dimensional systems in disordered lattices. <i>Physical Review A</i> , <b>2016</b> , 93,  | 2.6  | 10 |
| 238 | Excitations and impurity dynamics in a fermionic Mott insulator with nearest-neighbor interactions. <i>Physical Review B</i> , <b>2016</b> , 93,  | 3.3  | 3  |
| 237 | 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 |
| 236 | Temperature dependence of the NMR spin-lattice relaxation rate for spin-1/2 chains. <i>Physical Review B</i> , <b>2016</b> , 94,  | 3.3  | 12 |
| 235 | One-dimensional physics in the 21st century. <i>Comptes Rendus Physique</i> , <b>2016</b> , 17, 322-331   | 1.4  | 6  |
| 234 | Current drag in two leg quantum ladders. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2016</b> , 77, 164-168   | 3    | 0  |
| 233 | Reprint of : Current drag in two leg quantum ladders. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2016</b> , 82, 66-70  | 3    |    |
| 232 | Dimensional modulation of spontaneous magnetic order in quasi-two-dimensional quantum antiferromagnets. <i>Physical Review B</i> , <b>2016</b> , 94,  | 3.3  | 8  |
| 231 | Nonequilibrium dynamics of coupled Luttinger liquids. <i>Physical Review A</i> , <b>2015</b> , 91,  | 2.6  | 19 |
| 230 | Finite-temperature crossovers in periodic disordered systems. <i>Physical Review E</i> , <b>2015</b> , 91, 032101   | 2.4  |    |
| 229 | Two-leg fermionic Hubbard ladder system in the presence of state-dependent hopping. <i>Physical Review A</i> , <b>2015</b> , 91,  | 2.6  | 3  |
| 228 | 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 |
| 227 | Lattice-Assisted Spectroscopy: A Generalized Scanning Tunneling Microscope for Ultracold Atoms. <i>Physical Review Letters</i> , <b>2015</b> , 115, 165301  | 7.4  | 12 |
| 226 | Magnetic Dynamics Studied by Time-Resolved Electron Microscopy. <i>Microscopy and Microanalysis</i> , <b>2015</b> , 21, 649-650   | 0.5  |    |
| 225 | 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 |

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|-----|--|------|-----|
| 224 | Connecting strongly correlated superfluids by a quantum point contact. <i>Science</i> , <b>2015</b> , 350, 1498-501  | 33.3 | 75  |
| 223 | Magnetic entropy landscape and Grüneisen parameter of a quantum spin ladder. <i>Physical Review B</i> , <b>2014</b> , 89,  | 3.3  | 18  |
| 222 | Spontaneously magnetized Tomonaga-Luttinger liquid in frustrated quantum antiferromagnets. <i>Physical Review B</i> , <b>2014</b> , 89,                                    | 3.3  | 22  |
| 221 | Observation of a disordered bosonic insulator from weak to strong interactions. <i>Physical Review Letters</i> , <b>2014</b> , 113, 095301                                 | 7.4  | 75  |
| 220 | Matrix product state applications for the ALPS project. <i>Computer Physics Communications</i> , <b>2014</b> , 185, 3430-3440  | 4.2  | 62  |
| 219 | Competing regimes of motion of 1D mobile impurities. <i>Physical Review Letters</i> , <b>2014</b> , 113, 070601  | 7.4  | 19  |
| 218 | 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  |
| 217 | 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  |
| 216 | Superfluid/Bose-glass transition in one dimension. <i>Physical Review B</i> , <b>2014</b> , 90,  | 3.3  | 12  |
| 215 | Unconventional superfluidity in quasi-one-dimensional systems. <i>Physical Review A</i> , <b>2014</b> , 89,  | 2.6  | 2   |
| 214 | Dynamics of an impurity in a one-dimensional lattice. <i>New Journal of Physics</i> , <b>2013</b> , 15, 045018   | 2.9  | 23  |
| 213 | Domain wall roughness in stripe phase BiFeO <sub>3</sub> thin films. <i>Physical Review Letters</i> , <b>2013</b> , 111, 247604  | 7.4  | 23  |
| 212 | Phase transitions for a collective coordinate coupled to Luttinger liquids. <i>Physical Review Letters</i> , <b>2013</b> , 111, 115302                                     | 7.4  | 3   |
| 211 | Berezinskii-Kosterlitz-Thouless Transition within the Sine-Gordon Approach: The Role of the Vortex-Core Energy <b>2013</b> , 161-199                                       |      | 3   |
| 210 | Static fluctuations of a thick one-dimensional interface in the 1+1 directed polymer formulation: numerical study. <i>Physical Review E</i> , <b>2013</b> , 87, 062405     | 2.4  | 12  |
| 209 | Quantum dynamics of a mobile spin impurity. <i>Nature Physics</i> , <b>2013</b> , 9, 235-241   | 16.2 | 348 |
| 208 | Spin ladders and quantum simulators for Tomonaga-Luttinger liquids. <i>Journal of Physics Condensed Matter</i> , <b>2013</b> , 25, 014004                                  | 1.8  | 22  |
| 207 | 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  |

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|-----|--|------|----|
| 206 | Competition of spin and charge excitations in the one-dimensional Hubbard model. <i>Physical Review A</i> , <b>2013</b> , 88,  | 2.6  | 15 |
| 205 | Spectrum of a magnetized strong-leg quantum spin ladder. <i>Physical Review Letters</i> , <b>2013</b> , 111, 107202  | 7.4  | 34 |
| 204 | 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 |
| 203 | Symmetric and asymmetric excitations of a strong-leg quantum spin ladder. <i>Physical Review B</i> , <b>2013</b> , 88,   | 3.3  | 29 |
| 202 | Disordered elastic systems and one-dimensional interfaces. <i>Physica B: Condensed Matter</i> , <b>2012</b> , 407, 1725-1733   | 3.9  | 39 |
| 201 | Thermal rounding of the depinning transition in ultrathin Pt/Co/Pt films. <i>Physical Review B</i> , <b>2012</b> , 85,   | 3.3  | 22 |
| 200 | Multiscaling analysis of ferroelectric domain wall roughness. <i>Physical Review Letters</i> , <b>2012</b> , 109, 147601   | 7.4  | 22 |
| 199 | Exact asymptotic behavior of correlation functions for disordered spin-1/2 XXZ chains. <i>Nuclear Physics B</i> , <b>2012</b> , 864, 317-327                             | 2.8  | 2  |
| 198 | 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 |
| 197 | Thermal quench effects on ferroelectric domain walls. <i>Physical Review B</i> , <b>2012</b> , 85,   | 3.3  | 33 |
| 196 | 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 |
| 195 | Finite-temperature dynamical properties of SU(N) fermionic Hubbard models in the spin-incoherent regime. <i>Physical Review A</i> , <b>2012</b> , 86,                    | 2.6  | 2  |
| 194 | Spectral and thermodynamic properties of a strong-leg quantum spin ladder. <i>Physical Review Letters</i> , <b>2012</b> , 108, 167201                                    | 7.4  | 49 |
| 193 | Electron spin resonance shift in spin ladder compounds. <i>Physical Review Letters</i> , <b>2012</b> , 108, 037204   | 7.4  | 14 |
| 192 | Phase transition of interacting disordered bosons in one dimension. <i>Physical Review Letters</i> , <b>2012</b> , 109, 026402   | 7.4  | 44 |
| 191 | Doublon production rate in modulated optical lattices. <i>Physical Review A</i> , <b>2012</b> , 85,  | 2.6  | 10 |
| 190 | Noisy quantum phase transitions: an intuitive approach. <i>Physica Scripta</i> , <b>2012</b> , T151, 014026  | 2.6  | 1  |
| 189 | Noise and topology in driven systems—application to interface dynamics. <i>Nonlinearity</i> , <b>2012</b> , 25, 1427-1441  | 4.1  | 6  |

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| 188 | Thermal rounding exponent of the depinning transition of an elastic string in a random medium. <i>Physical Review E</i> , <b>2012</b> , 85, 021144                               | 2.4  | 26  |
| 187 | Dynamics and universality in noise-driven dissipative systems. <i>Physical Review B</i> , <b>2012</b> , 85,  | 3.3  | 58  |
| 186 | Two-dimensional Fermi liquid with attractive interactions. <i>Physical Review Letters</i> , <b>2012</b> , 109, 130403  | 7.4  | 35  |
| 185 | Finite-temperature and finite-time scaling of the directed polymer free energy with respect to its geometrical fluctuations. <i>Physical Review E</i> , <b>2012</b> , 86, 031144 | 2.4  | 12  |
| 184 | Spin correlations and doublon production rate for fermionic atoms in modulated optical lattices. <i>Physical Review A</i> , <b>2012</b> , 85,                                    | 2.6  | 10  |
| 183 | Quantum dynamics of impurities in a one-dimensional Bose gas. <i>Physical Review A</i> , <b>2012</b> , 85,   | 2.6  | 220 |
| 182 | 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  |
| 181 | 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  |
| 180 | SOME EXPERIMENTAL TESTS OF TOMONAGA-LUTTINGER LIQUIDS. <i>International Journal of Modern Physics B</i> , <b>2012</b> , 26, 1244004  | 1.1  | 18  |
| 179 | Tunneling conductance and local density of states in tight-binding junctions. <i>Physical Review B</i> , <b>2011</b> , 84,   | 3.3  | 24  |
| 178 | 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  |
| 177 | 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 |
| 176 | Superconductor-to-insulator transition in linear arrays of Josephson junctions capacitively coupled to metallic films. <i>Physical Review B</i> , <b>2011</b> , 84,              | 3.3  | 12  |
| 175 | Collective excitations and low-temperature transport properties of bismuth. <i>Physical Review B</i> , <b>2011</b> , 84,   | 3.3  | 8   |
| 174 | Random phase approximation study of one-dimensional fermions after a quantum quench. <i>Physical Review B</i> , <b>2011</b> , 84,  | 3.3  | 11  |
| 173 | Spectroscopy for cold atom gases in periodically phase-modulated optical lattices. <i>Physical Review Letters</i> , <b>2011</b> , 106, 205301                                    | 7.4  | 39  |
| 172 | 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  |
| 171 | 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 |

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|-----|--|-----|----|
| 170 | Temperature-induced crossovers in the static roughness of a one-dimensional interface. <i>Physical Review B</i> , <b>2010</b> , 82,  | 3.3 | 21 |
| 169 | Random-manifold to random-periodic depinning of an elastic interface. <i>Physical Review B</i> , <b>2010</b> , 82,   | 3.3 | 17 |
| 168 | Spin rotational symmetry breaking by orbital current patterns in two-leg ladders. <i>Physical Review B</i> , <b>2010</b> , 81,   | 3.3 | 4  |
| 167 | Dissipative phase fluctuations in superconducting wires capacitively coupled to diffusive metals. <i>Physical Review B</i> , <b>2010</b> , 82,   | 3.3 | 4  |
| 166 | Luttinger liquid physics in the spin ladder material $\text{CuBr}_4(\text{C}_5\text{H}_{12}\text{N})_2$ . <i>Physica Status Solidi (B): Basic Research</i> , <b>2010</b> , 247, 656-658      | 1.3 | 5  |
| 165 | Dissipation-driven phase transitions in superconducting wires. <i>Physical Review B</i> , <b>2009</b> , 80,  | 3.3 | 8  |
| 164 | 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 |
| 163 | Edge exponent in the dynamic spin structure factor of the Yang-Gaudin model. <i>Physical Review B</i> , <b>2009</b> , 80,  | 3.3 | 24 |
| 162 | Field-controlled magnetic order in the quantum spin-ladder system $(\text{Hpip})_2\text{CuBr}_4$ . <i>Physical Review B</i> , <b>2009</b> , 79,  | 3.3 | 66 |
| 161 | Orbital currents in extended Hubbard models of high- $T_c$ cuprate superconductors. <i>Physical Review Letters</i> , <b>2009</b> , 102, 017005   | 7.4 | 91 |
| 160 | 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 |
| 159 | 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 |
| 158 | Quantum simulation of the Hubbard model: The attractive route. <i>Physical Review A</i> , <b>2009</b> , 79,  | 2.6 | 46 |
| 157 | Influence of non-magnetic impurities on hole-doped two-leg $\text{CuO}$ Hubbard ladders. <i>New Journal of Physics</i> , <b>2009</b> , 11, 055059  | 2.9 | 3  |
| 156 | The time-dependent correlation function of the Jordan-Wigner operator as a Fredholm determinant. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , <b>2009</b> , 2009, P07035 | 1.9 | 12 |
| 155 | Thermal effects in the dynamics of disordered elastic systems. <i>Physica B: Condensed Matter</i> , <b>2009</b> , 404, 444-446   | 2.8 | 4  |
| 154 | Depinning of domain walls with an internal degree of freedom. <i>Physical Review B</i> , <b>2009</b> , 80,   | 3.3 | 25 |
| 153 | Creep dynamics of elastic manifolds via exact transition pathways. <i>Physical Review B</i> , <b>2009</b> , 79,  | 3.3 | 65 |



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| 152 | Disturbing the Fermi Sea with Rydberg States. <i>Physics Magazine</i> , <b>2009</b> , 2,   | 1.1  | 3   |
| 151 | Bose-Einstein condensation in magnetic insulators. <i>Nature Physics</i> , <b>2008</b> , 4, 198-204  | 16.2 | 512 |
| 150 | Quasiperiodic Bose-Hubbard model and localization in one-dimensional cold atomic gases. <i>Physical Review A</i> , <b>2008</b> , 78,   | 2.6  | 143 |
| 149 | Thermodynamics of the spin Luttinger liquid in a model ladder material. <i>Physical Review Letters</i> , <b>2008</b> , 101, 247202   | 7.4  | 129 |
| 148 | Excitations in two-component Bose gases. <i>New Journal of Physics</i> , <b>2008</b> , 10, 045025  | 2.9  | 20  |
| 147 | Thermal rounding of the depinning transition. <i>Europhysics Letters</i> , <b>2008</b> , 81, 26005   | 1.6  | 53  |
| 146 | Orbital current patterns in doped two-leg Cu-O Hubbard ladders. <i>Physical Review B</i> , <b>2008</b> , 78,   | 3.3  | 27  |
| 145 | Hall effect on the triangular lattice. <i>Physical Review B</i> , <b>2008</b> , 78,  | 3.3  | 6   |
| 144 | Rise and fall of hidden string order of lattice bosons. <i>Physical Review B</i> , <b>2008</b> , 77,   | 3.3  | 146 |
| 143 | Controlling Luttinger liquid physics in spin ladders under a magnetic field. <i>Physical Review Letters</i> , <b>2008</b> , 101, 137207  | 7.4  | 145 |
| 142 | Doping dependence of the vortex-core energy in bilayer films of cuprates. <i>Physical Review B</i> , <b>2008</b> , 77,   | 3.3  | 19  |
| 141 | Spin-charge separation in two-component Bose gases. <i>Physical Review A</i> , <b>2008</b> , 77,   | 2.6  | 66  |
| 140 | Dipolar bosons in a planar array of one-dimensional tubes. <i>Physical Review Letters</i> , <b>2008</b> , 100, 130403  | 7.4  | 38  |
| 139 | From Luttinger to Fermi Liquids in Organic Conductors. <i>Springer Series in Materials Science</i> , <b>2008</b> , 719-743.  | 9    | 3   |
| 138 | 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  |
| 137 | Tunnelling in Organic Superconductors. <i>Journal of Low Temperature Physics</i> , <b>2007</b> , 142, 225-230  | 1.3  |     |
| 136 | Hall Effect in Quasi One-Dimensional Organic Conductors. <i>Journal of Low Temperature Physics</i> , <b>2007</b> , 142, 319-322  | 1.3  |     |
| 135 | Scanning tunneling microscopy for ultracold atoms. <i>Physical Review A</i> , <b>2007</b> , 76,  | 2.6  | 53  |

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|-----|--|-----|----|
| 134 | 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 |
| 133 | Phase diagram of hole doped two-leg CuD ladders. <i>Physical Review B</i> , <b>2007</b> , 76,  | 3.3 | 15 |
| 132 | Competition between vortex unbinding and tunneling in an optical lattice. <i>Physical Review A</i> , <b>2007</b> , 75,   | 2.6 | 13 |
| 131 | Hall effect in strongly correlated low-dimensional systems. <i>Physical Review B</i> , <b>2007</b> , 75,   | 3.3 | 9  |
| 130 | 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 |
| 129 | Critical properties and Bose-Einstein condensation in dimer spin systems. <i>Physical Review B</i> , <b>2007</b> , 75,   | 3.3 | 27 |
| 128 | Spin dynamics in a one-dimensional ferromagnetic bose gas. <i>Physical Review Letters</i> , <b>2007</b> , 99, 240404   | 7.4 | 85 |
| 127 | Nanoscale Studies of Domain Walls in Epitaxial Ferroelectric Thin Films <b>2007</b> , 339-362  |     | 11 |
| 126 | Tunnelling in organic superconductors. <i>Journal of Low Temperature Physics</i> , <b>2006</b> , 142, 221-226  | 1.3 | 1  |
| 125 | Hall effect in quasi one-dimensional organic conductors. <i>Journal of Low Temperature Physics</i> , <b>2006</b> , 142, 315-318                                    | 1.3 | 4  |
| 124 | Interacting Bose gases in quasi-one-dimensional optical lattices. <i>New Journal of Physics</i> , <b>2006</b> , 8, 158-158.9                                       |     | 46 |
| 123 | Strong Correlations in Low Dimensional Systems. <i>AIP Conference Proceedings</i> , <b>2006</b> ,  | 0   | 5  |
| 122 | Dynamics below the depinning threshold in disordered elastic systems. <i>Physical Review Letters</i> , <b>2006</b> , 97, 057001                                    | 7.4 | 74 |
| 121 | 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 |
| 120 | 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 |
| 119 | Disorder effects in fluctuating one-dimensional interacting systems. <i>Physical Review B</i> , <b>2006</b> , 73,  | 3.3 | 2  |
| 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 | Coulomb disorder in periodic systems: Effect of unscreened charged impurities. <i>Physical Review B</i> , <b>2006</b> , 73,  | 3.3 | 2  |

|     |   |     |     |
|-----|---|-----|-----|
| 116 | Magnetism and superconductivity of strongly correlated electrons on the triangular lattice. <i>Physical Review B</i> , <b>2006</b> , 73,                                    | 3.3 | 36  |
| 115 | Modulation spectroscopy with ultracold fermions in an optical lattice. <i>Physical Review A</i> , <b>2006</b> , 74,   | 2.6 | 58  |
| 114 | Spectroscopy of ultracold atoms by periodic lattice modulations. <i>Physical Review Letters</i> , <b>2006</b> , 97, 050402  | 4.2 | 95  |
| 113 | Energy absorption of a Bose gas in a periodically modulated optical lattice. <i>Physical Review A</i> , <b>2006</b> , 73,   | 2.6 | 48  |
| 112 | DECONFINEMENT AND COLD ATOMS IN OPTICAL LATTICES. <i>International Journal of Modern Physics B</i> , <b>2006</b> , 20, 5169-5178  | 1.1 | 1   |
| 111 | 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 |
| 110 | Short-time relaxation of a driven elastic string in a random medium. <i>Physical Review B</i> , <b>2006</b> , 74,   | 3.3 | 35  |
| 109 | Dynamics of Disordered Elastic Systems <b>2006</b> , 91-108   |     | 27  |
| 108 | Dynamics of Disordered Elastic Systems <b>2006</b> , 91   |     | 2   |
| 107 | Two-component Fermi gas on internal-state-dependent optical lattices. <i>Physical Review Letters</i> , <b>2005</b> , 95, 226402   | 7.4 | 60  |
| 106 | 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 |
| 105 | Zero field Wigner crystal. <i>European Physical Journal B</i> , <b>2005</b> , 44, 455-467   | 1.2 | 18  |
| 104 | Specific heat of quantum elastic systems pinned by disorder. <i>European Physical Journal B</i> , <b>2005</b> , 44, 521-534   | 1.2 | 1   |
| 103 | Point-contact tunneling in low-dimensional, unconventional superconducting junctions. <i>Physica B: Condensed Matter</i> , <b>2005</b> , 359-361, 609-610                   | 2.8 |     |
| 102 | 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  |
| 101 | Nonequilibrium relaxation of an elastic string in a random potential. <i>Physical Review Letters</i> , <b>2005</b> , 95, 180604   | 7.4 | 46  |
| 100 | Adiabatic-antiadiabatic crossover in a spin-Peierls chain. <i>Physical Review B</i> , <b>2005</b> , 72,   | 3.3 | 26  |
| 99  | Keldysh study of point-contact tunneling between superconductors. <i>Physical Review B</i> , <b>2005</b> , 71,  | 3.3 | 22  |

|    |  |      |      |
|----|--|------|------|
| 98 | Creep motion of an elastic string in a random potential. <i>Physical Review Letters</i> , <b>2005</b> , 94, 047002   | 7.4  | 69   |
| 97 | Dimensional crossover and deconfinement in Bechgaard salts. <i>European Physical Journal Special Topics</i> , <b>2004</b> , 114, 23-28   |      | 14   |
| 96 | Point-contact tunneling involving low-dimensional spin-triplet superconductors. <i>Physical Review Letters</i> , <b>2004</b> , 92, 127001  | 7.4  | 29   |
| 95 | X-ray spectrum of a pinned charge density wave. <i>Physical Review B</i> , <b>2004</b> , 70,   | 3.3  | 10   |
| 94 | 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   |
| 93 | Disordered Quantum Solids <b>2004</b> , 187-233  |      |      |
| 92 | Domain wall creep in mixed c-a axis Pb(Zr <sub>0.2</sub> Ti <sub>0.8</sub> )O <sub>3</sub> thin films. <i>Annalen Der Physik</i> , <b>2004</b> , 13, 95-96   | 2.6  | 6    |
| 91 | Theoretical framework for quasi-one dimensional systems. <i>Chemical Reviews</i> , <b>2004</b> , 104, 5037-56  | 68.1 | 128  |
| 90 | Deconfinement in a 2D optical lattice of coupled 1D boson systems. <i>Physical Review Letters</i> , <b>2004</b> , 92, 130405   | 7.4  | 44   |
| 89 | Specific heat of the quantum Bragg glass. <i>Europhysics Letters</i> , <b>2004</b> , 66, 538-544   | 1.6  | 5    |
| 88 | Transport in Luttinger Liquids. <i>NATO Science Series Series II, Mathematics, Physics and Chemistry</i> , <b>2004</b> , 275-284   |      |      |
| 87 | 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   |
| 86 | Variable-range hopping and quantum creep in one dimension. <i>Physical Review Letters</i> , <b>2003</b> , 91, 056603   | 7.4  | 45   |
| 85 | X-ray diffraction of a disordered charge density wave. <i>Physical Review B</i> , <b>2003</b> , 68,  | 3.3  | 8    |
| 84 | Specific heat of classical disordered elastic systems. <i>Physical Review Letters</i> , <b>2003</b> , 91, 117002   | 7.4  | 8    |
| 83 | Quantum Physics in One Dimension <b>2003</b> ,   |      | 1681 |
| 82 | Domain wall creep in epitaxial ferroelectric Pb(Zr <sub>0.2</sub> Ti <sub>0.08</sub> )O <sub>3</sub> thin films. <i>Physical Review Letters</i> , <b>2002</b> , 89, 097601                             | 7.4  | 444  |
| 81 | Quasi One-Dimensional Organic Conductors: Dimensional Crossover and Some Puzzles <b>2002</b> , 81-102  |      | 9    |

|    |  |      |     |
|----|--|------|-----|
| 80 | Disordered Wigner Crystals <b>2002</b> , 165-183   |      | 2   |
| 79 | Vortex Phases. <i>Lecture Notes in Physics</i> , <b>2002</b> , 314-360   | 0.8  | 23  |
| 78 | 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 |
| 77 | INTERACTIONS IN QUASICRYSTALS. <i>International Journal of Modern Physics B</i> , <b>2001</b> , 15, 1329-1337  | 1.1  | 3   |
| 76 | Spinless fermion ladders at half filling. <i>Physical Review B</i> , <b>2001</b> , 63,   | 3.3  | 13  |
| 75 | Pinned Wigner crystals. <i>Physical Review B</i> , <b>2001</b> , 65,   | 3.3  | 67  |
| 74 | 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  |
| 73 | Interacting fermions in self-similar potentials. <i>Physical Review B</i> , <b>2001</b> , 65,  | 3.3  | 45  |
| 72 | Mott-superfluid transition in bosonic ladders. <i>Physical Review B</i> , <b>2001</b> , 63,  | 3.3  | 26  |
| 71 | Hall effect and interchain magneto-optical properties of coupled Luttinger liquids. <i>Physical Review B</i> , <b>2001</b> , 63,                                       | 3.3  | 19  |
| 70 | 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  |
| 69 | 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  |
| 68 | Meissner effect in a bosonic ladder. <i>Physical Review B</i> , <b>2001</b> , 64,  | 3.3  | 110 |
| 67 | Disordered Quantum Solids <b>2001</b> , 205-255  |      | 1   |
| 66 | Dislocations and Bragg glasses in two dimensions. <i>Physica C: Superconductivity and Its Applications</i> , <b>2000</b> , 331, 233-240                                | 1.3  | 28  |
| 65 | Role of Interchain Hopping in Two Disordered Chains of Spinless Fermions. <i>Journal of the Physical Society of Japan</i> , <b>2000</b> , 69, 3642-3649                | 1.5  | 1   |
| 64 | Interchain conductivity of coupled Luttinger liquids and organic conductors. <i>Physical Review B</i> , <b>2000</b> , 61, 16393-16396                                  | 3.3  | 46  |
| 63 | Creep and depinning in disordered media. <i>Physical Review B</i> , <b>2000</b> , 62, 6241-6267  | 3.3  | 336 |

|    |  |     |       |
|----|--|-----|-------|
| 62 | NMR properties of a one-dimensional Cu-O model. <i>Physical Review B</i> , <b>2000</b> , 62, 12489-12504   | 3-3 | 1     |
| 61 | Dynamical transverse Meissner effect and transition in moving Bose glass. <i>Physical Review B</i> , <b>2000</b> , 61, R11906-R11909   | 3-3 | 12    |
| 60 | 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    |
| 59 | Renormalized Inter-Chain Hopping vs Charge Gap in Two Coupled Chains <b>1999</b> , 101, 763-768  |     | 14    |
| 58 | Disordered periodic systems at the upper critical dimension. <i>Physical Review B</i> , <b>1999</b> , 59, 4058-4065  | 3-3 | 12    |
| 57 | 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    |
| 56 | Correlated Fermions in a One-Dimensional Quasiperiodic Potential. <i>Physical Review Letters</i> , <b>1999</b> , 83, 3908-3911   | 7-4 | 64    |
| 55 | Anderson localization in Hubbard ladders. <i>Physica B: Condensed Matter</i> , <b>1999</b> , 259-261, 1058-1059  | 2-8 | 1     |
| 54 | Coupled ladders in a magnetic field. <i>Physical Review B</i> , <b>1999</b> , 59, 11398-11407  | 3-3 | 300   |
| 53 | Weakly disordered spin ladders. <i>Physical Review B</i> , <b>1998</b> , 57, 5812-5829   | 3-3 | 42    |
| 52 | Creep via dynamical functional renormalization group. <i>Europhysics Letters</i> , <b>1998</b> , 44, 110-115   | 1-6 | 57    |
| 51 | On-chain electrodynamics 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   |
| 50 | Domain Wall Creep in an Ising Ultrathin Magnetic Film. <i>Physical Review Letters</i> , <b>1998</b> , 80, 849-852  | 7-4 | 503   |
| 49 | Moving glass theory of driven lattices with disorder. <i>Physical Review B</i> , <b>1998</b> , 57, 11356-11403   | 3-3 | 208   |
| 48 | Dynamical Properties of the Pinned Wigner Crystal. <i>Physical Review Letters</i> , <b>1998</b> , 80, 3827-3830  | 7-4 | 49    |
| 47 | Vortices in coupled planes with columnar disorder and bosonic ladders. <i>Physical Review B</i> , <b>1998</b> , 57, 11713-11729  | 3-3 | 11729 |
| 46 | Phase diagrams of flux lattices with disorder. <i>Physical Review B</i> , <b>1997</b> , 55, 6577-6583  | 3-3 | 359   |
| 45 | Giamarchi and Le Doussal Reply. <i>Physical Review Letters</i> , <b>1997</b> , 78, 752-752   | 7-4 | 27    |

|    |  |     |     |
|----|--|-----|-----|
| 44 | 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 |
| 43 | Coulomb blockade in a quantum wire with long-range interactions. <i>Europhysics Letters</i> , <b>1997</b> , 38, 681-686.   |     | 10  |
| 42 | Effects of disorder on two strongly correlated coupled chains. <i>Physical Review B</i> , <b>1997</b> , 56, 7167-7188  | 3.3 | 79  |
| 41 | Bragg- and Moving-glasses: a theory of disordered vortex lattices. <i>Physica C: Superconductivity and Its Applications</i> , <b>1997</b> , 282-287, 363-366                 | 1.3 | 6   |
| 40 | Mott transition in one dimension. <i>Physica B: Condensed Matter</i> , <b>1997</b> , 230-232, 975-980  | 2.8 | 167 |
| 39 | STATICS AND DYNAMICS OF DISORDERED ELASTIC SYSTEMS. <i>Series on Directions in Condensed Matter Physics</i> , <b>1997</b> , 321-356  |     | 14  |
| 38 | Stability of the Bragg glass phase in a layered geometry. <i>Europhysics Letters</i> , <b>1996</b> , 35, 379-384   | 1.6 | 51  |
| 37 | Effects of weak disorder on two coupled Hubbard chains. <i>Physical Review B</i> , <b>1996</b> , 53, R10453-R10456   | 3.3 | 21  |
| 36 | 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  |
| 35 | Moving glass phase of driven lattices. <i>Physical Review Letters</i> , <b>1996</b> , 76, 3408-3411  | 7.4 | 230 |
| 34 | Pairing fluctuations in a one-dimensional copper oxide model. <i>Physical Review B</i> , <b>1995</b> , 51, 553-560   | 3.3 | 16  |
| 33 | 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  |
| 32 | Translational order and neutron diffraction studies of magnetic flux lattices. <i>Physical Review Letters</i> , <b>1995</b> , 75, 3372                                       | 7.4 | 24  |
| 31 | 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 |
| 30 | 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 |
| 29 | 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  |
| 28 | Flux Quantization and Pairing in One-Dimensional Copper-Oxide Models. <i>Physical Review Letters</i> , <b>1994</b> , 72, 3292-3292   | 7.4 | 2   |
| 27 | Elastic theory of pinned flux lattices. <i>Physical Review Letters</i> , <b>1994</b> , 72, 1530-1533   | 7.4 | 398 |

|    |   |     |     |
|----|---|-----|-----|
| 26 | Theory of the marginal-Fermi-liquid spectrum and pairing in a local copper oxide model. <i>Physical Review Letters</i> , <b>1994</b> , 72, 2478-2481                          | 7.4 | 25  |
| 25 | Theory of the marginal-Fermi-liquid spectrum and pairing in a copper-oxide model. <i>Physica C: Superconductivity and Its Applications</i> , <b>1994</b> , 235-240, 2335-2336 | 1.3 |     |
| 24 | Pinned vortex lattices: a variational study. <i>Physica C: Superconductivity and Its Applications</i> , <b>1994</b> , 235-240, 2683-2684                                      | 1.3 | 1   |
| 23 | 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  |
| 22 | 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  |
| 21 | Flux quantization and pairing in one-dimensional copper-oxide models. <i>Physical Review Letters</i> , <b>1993</b> , 70, 978-981  | 7.4 | 45  |
| 20 | 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  |
| 19 | Resistivity of a one-dimensional interacting quantum fluid. <i>Physical Review B</i> , <b>1992</b> , 46, 342-349  | 3.3 | 63  |
| 18 | Conductivity of a Luttinger liquid. <i>Physical Review B</i> , <b>1992</b> , 46, 9325-9331  | 3.3 | 79  |
| 17 | Babbar scattering and resistivity of a two-dimensional two-band model. <i>Physical Review B</i> , <b>1992</b> , 46, 5528-5535   | 3.3 | 7   |
| 16 | Quantum fluctuations in CsNiF <sub>3</sub> : A case study of an S=1 planar spin chain. <i>Physical Review Letters</i> , <b>1991</b> , 67, 2207-2210                           | 7.4 | 3   |
| 15 | 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 |
| 14 | Umklapp process and resistivity in one-dimensional fermion systems. <i>Physical Review B</i> , <b>1991</b> , 44, 2905-2913  | 3.3 | 182 |
| 13 | The gap parameter near a surface in small $\bar{D}$ superconductors. <i>Physica B: Condensed Matter</i> , <b>1990</b> , 165-166, 1081-1082                                    | 2.8 | 5   |
| 12 | Strongly correlated fermions in 2 D : Variational Monte Carlo study of magnetism and supraconductivity. <i>Physica B: Condensed Matter</i> , <b>1990</b> , 165-166, 411-412   | 2.8 |     |
| 11 | 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  |
| 10 | Onset of surface superconductivity. <i>Physical Review B</i> , <b>1990</b> , 41, 11033-11046  | 3.3 | 18  |
| 9  | Correlation functions of one-dimensional quantum systems. <i>Physical Review B</i> , <b>1989</b> , 39, 4620-4629  | 3.3 | 179 |



|   |   |         |     |
|---|---|---------|-----|
| 8 | Impurity Pinning vs Superconductivity in Quasi-One-Dimensional Electron, Systems. <i>Journal of the Physical Society of Japan</i> , <b>1989</b> , 58, 1748-1754 | 1.5     | 5   |
| 7 | Anderson localization and interactions in one-dimensional metals. <i>Physical Review B</i> , <b>1988</b> , 37, 325-340  | 3.3     | 666 |
| 6 | Theory of spin-anisotropic electron-electron interactions in quasi-one-dimensional metals. <i>Journal De Physique</i> , <b>1988</b> , 49, 819-835               |         | 98  |
| 5 | Localization and Interaction in One-Dimensional Quantum Fluids. <i>Europhysics Letters</i> , <b>1987</b> , 3, 1287-1293   | 1.6     | 140 |
| 4 | A new random-number generator for multispin Monte Carlo algorithms. <i>Journal of Statistical Physics</i> , <b>1987</b> , 48, 135-149                           | 1.5     | 5   |
| 3 | Spin-anisotropic electron-electron interactions in one-dimensional metals. <i>Physical Review B</i> , <b>1986</b> , 33, 2066-2069                               | 3.3     | 28  |
| 2 | Universality and Bose-Einstein Condensation: Perspectives on Recent Work  | 3-21    |     |
| 1 | Bose-Einstein Condensation in Quantum Magnets   | 549-568 | 0   |