

Leon Balents

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Rotation symmetry breaking in the normal state of a kagome superconductor KV3Sb5. Nature Physics, 2022, 18, 265-270.	16.7	102
2	Ultrafast optical excitation of magnetic dynamics in van der Waals magnets: Coherent magnons and BKT dynamics in NiPS_3 . Physical Review B, 2022, 105, .	3.2	7
3	Model within the stretched diamond lattice of LiYbO_2 . Physical Review B, 2021, 103, .	3.2	17
4	Hybrid Wannier Chern bands in magic angle twisted bilayer graphene and the quantized anomalous Hall effect. Physical Review Research, 2021, 3, .	3.6	46
5	Current switching of valley polarization in twisted bilayer graphene. Physical Review B, 2021, 103, .	3.2	16
6	Electronic instabilities of kagome metals: Saddle points and Landau theory. Physical Review B, 2021, 104, .	3.2	142
7	Symmetric U(1) and Z2 spin liquids on the pyrochlore lattice. Physical Review B, 2021, 104, .	3.2	11
8	Cascade of correlated electron states in the kagome superconductor CsV3Sb5. Nature, 2021, 599, 216-221.	27.8	251
9	Heterobilayer moiré magnets: Moiré skyrmions and commensurate-incommensurate transitions. Physical Review B, 2021, 104, .	3.2	19
10	Giant modulation of optical nonlinearity by Floquet engineering. Nature, 2021, 600, 235-239.	27.8	38
11	Realization of quantum dipoles in triangular lattice crystal $\text{Ba}_3\text{V}_2\text{O}_{11}$. Physical Review B, 2021, 104, .	3.2	14
12	Intrinsic quantized anomalous Hall effect in a moiré heterostructure. Science, 2020, 367, 900-903.	12.6	844
13	Dynamical Signatures of Quasiparticle Interactions in Quantum Spin Chains. Physical Review Letters, 2020, 125, 187201.	7.8	17
14	CsV_3Sb_5 : A V_3 Z_2 . Physical Review Letters, 2020, 125, 247002.	7.8	468
15	Superconductivity and strong correlations in moiré flat bands. Nature Physics, 2020, 16, 725-733.	16.7	448
16	Noncollinear phases in moiré magnets. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10721-10726.	7.1	91
17	Three-Magnon Bound State in the Quasi-One-Dimensional Antiferromagnet NaMnO_2 . Physical Review Letters, 2020, 124, 197203.	7.8	11
18	Spin excitations in the frustrated triangular lattice antiferromagnet NaYbO_2 . Physical Review B, 2020, 101, .	3.2	14

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19	Classical discrete time crystals. Nature Physics, 2020, 16, 438-447.	16.7	85
20	Collective spinon spin wave in a magnetized U(1) spin liquid. Physical Review B, 2020, 101, .	3.2	9
21	Dimer description of the SU(4) antiferromagnet on the triangular lattice. SciPost Physics, 2020, 8, .	4.9	8
22	Field-tunable quantum disordered ground state in the triangular-lattice antiferromagnet NaYbO ₂ . Nature Physics, 2019, 15, 1058-1064.	16.7	138
23	Chiral domain walls of Mn ₃ Sn and their memory. Nature Communications, 2019, 10, 3021.	12.8	58
24	Landau levels in twisted bilayer graphene and semiclassical orbits. Physical Review B, 2019, 100, .	3.2	45
25	Competing orders in pyrochlore magnets from a Z ₂ spin liquid perspective. Physical Review B, 2019, 100, .	3.2	15
26	Optical excitation of magnons in an easy-plane antiferromagnet: Application to Sr ₂ IrO ₄ . Physical Review B, 2019, 100, .	3.2	5
27	Singular angular magnetoresistance in a magnetic nodal semimetal. Science, 2019, 365, 377-381.	12.6	69
28	Floquet spin and spin-orbital Hamiltonians and doublon-holon generations in periodically driven Mott insulators. Physical Review B, 2019, 99, .	3.2	21
29	Dimensional crossover in a layered ferromagnet detected by spin correlation driven distortions. Nature Communications, 2019, 10, 1654.	12.8	20
30	Multiple topological transitions in twisted bilayer graphene near the first magic angle. Physical Review B, 2019, 99, .	3.2	104
31	General continuum model for twisted bilayer graphene and arbitrary smooth deformations. SciPost Physics, 2019, 7, .	4.9	34
32	Quantum criticality among entangled spin chains. Nature Physics, 2018, 14, 273-276.	16.7	24
33	Quantization of the Thermal Hall Conductivity at Small Hall Angles. Physical Review Letters, 2018, 121, 147201.	7.8	88
34	Floquet Engineering of Multiorbital Mott Insulators: Applications to Orthorhombic Titanates. Physical Review Letters, 2018, 121, 107201.	7.8	31
35	Finite-temperature behavior of a classical spin-orbit-coupled model for YbMgGaO_4 with and without bond disorder. Physical Review B, 2018, 97, .	7.8	32
36	Topological Superconductivity in Twisted Multilayer Graphene. Physical Review Letters, 2018, 121, 087001.	7.8	353

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37	Amplitude mode in the planar triangular antiferromagnet Na _{0.9} MnO ₂ . Nature Communications, 2018, 9, 2188.	12.8	13
38	Quantum entanglement of the Sachdev-Ye-Kitaev models. Physical Review B, 2018, 97, .	3.2	65
39	Spin Liquid versus Spin Orbit Coupling on the Triangular Lattice. SciPost Physics, 2018, 4, .	4.9	43
40	Disorder-Induced Quantum Spin Liquid in Spin Ice Pyrochlores. Physical Review Letters, 2017, 118, 087203.	7.8	89
41	Semiclassical analysis of a magnetization plateau in a two-dimensional frustrated ferrimagnet. Physical Review B, 2017, 95, .	3.2	9
42	Bilayer Graphene as a Platform for Bosonic Symmetry-Protected Topological States. Physical Review Letters, 2017, 118, 126801.	7.8	13
43	Anomalous Hall Effect and Topological Defects in Antiferromagnetic Weyl Semimetals: $\langle \mathbf{M} \rangle$. Physical Review Letters, 2017, 119, 087202.	7.8	125
44	Strongly Correlated Metal Built from Sachdev-Ye-Kitaev Models. Physical Review Letters, 2017, 119, 216601.	7.8	178
45	Spin-Orbit Dimers and Noncollinear Phases in $\langle \mathbf{M} \rangle$ Cubic Double Perovskites. Physical Review Letters, 2017, 118, 217202.	7.8	49
46	Quantum spin liquids: a review. Reports on Progress in Physics, 2017, 80, 016502.	20.1	1,259
47	Fracton Topological Phases from Strongly Coupled Spin Chains. Physical Review Letters, 2017, 119, 257202.	7.8	77
48	Carrier density independent scattering rate in SrTiO ₃ -based electron liquids. Scientific Reports, 2016, 6, 20865.	3.3	32
49	Quantum mechanics in a spin. Nature, 2016, 540, 534-535.	27.8	7
50	Quantum skyrmions in two-dimensional chiral magnets. Physical Review B, 2016, 94, .	3.2	26
51	Deconfined Quantum Critical Points. , 2016, , 469-479.		0
52	Emergent quasi-one-dimensionality in a kagome magnet: A simple route to complexity. Physical Review B, 2016, 94, .	3.2	18
53	Slater to Mott Crossover in the Metal to Insulator Transition of $\langle \mathbf{M} \rangle$. Physical Review Letters, 2016, 117, 056403.	7.8	172
54	Bulk Topological Proximity Effect. Physical Review Letters, 2016, 116, 086802.	7.8	24

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55	Quantum Lifshitz Field Theory of a Frustrated Ferromagnet. Physical Review Letters, 2016, 116, 177201.	7.8	32
56	Low-Energy Spin Dynamics of the Honeycomb Spin Liquid Beyond the Kitaev Limit. Physical Review Letters, 2016, 117, 037209.	7.8	93
57	Kinetic magnetism at the interface between Mott and band insulators. Physical Review B, 2016, 93, .	3.2	3
58	Spin liquid and quantum phase transition without symmetry breaking in a frustrated three-dimensional Ising model. Physical Review B, 2016, 94, .	3.2	20
59	Weyl magnons in breathing pyrochlore antiferromagnets. Nature Communications, 2016, 7, 12691.	12.8	168
60	Field-induced quantum metal-insulator transition in the pyrochlore iridate Nd ₂ Ir ₂ O ₇ . Nature Physics, 2016, 12, 134-138.	16.7	109
61	Global phase diagram of competing ordered and quantum spin-liquid phases on the kagome lattice. Physical Review B, 2015, 91, .	3.2	109
62	Impurity-bound states and Green's function zeros as local signatures of topology. Physical Review B, 2015, 92, .	3.2	165
63	Gaps and pseudogaps in perovskite rare earth nickelates. APL Materials, 2015, 3, 062503.	5.1	30
64	Observation by resonant angle-resolved photoemission of a critical thickness for 2-dimensional electron gas formation in SrTiO ₃ embedded in GdTiO ₃ . Applied Physics Letters, 2015, 107, 231602.	3.3	9
65	Quadratic Fermi node in a 3D strongly correlated semimetal. Nature Communications, 2015, 6, 10042.	12.8	145
66	Incommensurate spin density wave at a ferromagnetic quantum critical point in a three-dimensional parabolic semimetal. Physical Review B, 2015, 92, .	3.2	13
67	Many-body effects in topological Kondo insulators. Physical Review B, 2015, 91, .	3.2	6
68	Spin-orbiton and quantum criticality in S_{FeSc}^2 . Physical Review B, 2015, 91, .	3.2	22
69	Excitations and quasi-one-dimensionality in field-induced nematic and spin density wave states. Physical Review B, 2014, 89, .	3.2	55
70	New Type of Quantum Criticality in the Pyrochlore Iridates. Physical Review X, 2014, 4, .	8.9	77
71	Spirals and Skyrmions in Two Dimensional Oxide Heterostructures. Physical Review Letters, 2014, 112, 067202.	7.8	44
72	Correlated Quantum Phenomena in the Strong Spin-Orbit Regime. Annual Review of Condensed Matter Physics, 2014, 5, 57-82.	14.5	1,020

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73	Strong spin frustration from isolated triangular Cu(Cu^{2+}) trimers in $\text{SrCu}(\text{OH})_3\text{Cl}$ with a novel cuprate layer. Journal of Materials Chemistry C, 2014, 2, 8170-8178.	5.5	17
74	Correlation between metal-insulator transitions and structural distortions in high-electron-density SrTiO_3 quantum wells. Physical Review B, 2014, 89, .	3.2	38
75	Non-Fermi-Liquid and Topological States with Strong Spin-Orbit Coupling. Physical Review Letters, 2013, 111, 206401.	7.8	205
76	Ordering and criticality in an underscreened Kondo chain. Physical Review B, 2013, 87, .	3.2	2
77	Ground states of spin- $\frac{1}{2}$ triangular antiferromagnets in a magnetic field. Physical Review B, 2013, 87, .	3.2	49
78	Field-induced quantum criticality application to magnetic cooling. Physica Status Solidi (B): Basic Research, 2013, 250, 457-463.	1.5	12
79	Finite-size effects in the \mathbb{Z}_2 spin liquid on the kagome lattice. Physical Review B, 2013, 87, .	3.2	5
80	Ferromagnetism in Itinerant Two-Dimensional Cu_2O . Physical Review Letters, 2013, 110, 206401.	7.8	45
81	Time-reversal symmetry breaking superconducting ground state in the doped Mott insulator on the honeycomb lattice. Physical Review B, 2013, 88, .	3.2	51
82	Spin liquid regimes at nonzero temperature in quantum spin ice. Physical Review B, 2013, 87, .	3.2	54
83	Dimer Mott insulator in an oxide heterostructure. Physical Review B, 2013, 87, .	3.2	38
84	Accuracy of Topological Entanglement Entropy on Finite Cylinders. Physical Review Letters, 2013, 111, 107205.	7.8	10
85	Seebeck coefficient of a quantum confined, high-electron-density electron gas in SrTiO_3 . Applied Physics Letters, 2012, 100, 161601.	3.3	15
86	Quantum oscillations from a two-dimensional electron gas at a Mott/band insulator interface. Applied Physics Letters, 2012, 101, .	3.3	33
87	Coulombic Quantum Liquids in Spin- $\frac{1}{2}$ Pyrochlores. Physical Review Letters, 2012, 108, 037202.	7.8	232
88	Weyl superconductors. Physical Review B, 2012, 86, .	3.2	209
89	Spin Liquid Phases for Spin-1 Systems on the Triangular Lattice. Physical Review Letters, 2012, 108, 087204.	7.8	49
90	Generic quantum spin ice. Physical Review B, 2012, 86, .	3.2	168

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91	The Impact of Ionic Frustration on Electronic Order. <i>Science</i> , 2012, 336, 547-548.	12.6	5
92	Time-reversal invariant realization of the Weyl semimetal phase. <i>Physical Review B</i> , 2012, 85, .	3.2	330
93	Identifying topological order by entanglement entropy. <i>Nature Physics</i> , 2012, 8, 902-905.	16.7	474
94	Order by Quantum Disorder in Er_2O_7 . <i>Physical Review Letters</i> , 2012, 109, 167201. http://www.w3.org/1998/Math/MathML	7.8	169
95	Order by Quantum Disorder in Er_2O_7 . <i>Physical Review Letters</i> , 2012, 109, 167201. http://www.w3.org/1998/Math/MathML	3.2	271
96	Weyl Semimetal in a Topological Insulator Multilayer. <i>Physical Review Letters</i> , 2011, 107, 127205.	7.8	1,881
97	Quantum Excitations in Quantum Spin Ice. <i>Physical Review X</i> , 2011, 1, .	8.9	343
98	Topological nodal semimetals. <i>Physical Review B</i> , 2011, 84, .	3.2	1,323
99	Quantum phase transitions around the staggered valence-bond solid. <i>Physical Review B</i> , 2011, 84, .	3.2	35
100	Probing the metal-insulator transition of NdNiO_3 by electrostatic doping. <i>Applied Physics Letters</i> , 2011, 99, .	3.3	39
101	Spin liquids in frustrated magnets. <i>Nature</i> , 2010, 464, 199-208.	27.8	3,171
102	Reaching for the stars. <i>Nature Materials</i> , 2010, 9, 963-964.	27.5	0
103	Mott physics and band topology in materials with strong spin-orbit interaction. <i>Nature Physics</i> , 2010, 6, 376-381.	16.7	892
104	Interplay of quantum criticality and geometric frustration in columbite. <i>Nature Physics</i> , 2010, 6, 702-706.	16.7	57
105	Low-dimensional Mott material: Transport in ultrathin epitaxial LaNiO_3 films. <i>Applied Physics Letters</i> , 2010, 96, .	3.3	189
106	Exotic phases induced by strong spin-orbit coupling in ordered double perovskites. <i>Physical Review B</i> , 2010, 82, .	3.2	192
107	Extreme sensitivity of a frustrated quantum magnet: Cs_2CuCl_4 . <i>Physical Review B</i> , 2010, 82, .	3.2	110
108	Optical conductivity of LaNiO_3 . Coherent transport and correlation driven mass enhancement. <i>Physical Review B</i> , 2010, 82, .	3.2	110

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109	Deconfined Quantum Critical Points. , 2010, , 333-343.		2
110	Supersolid order of frustrated hard-core bosons in a triangular lattice system. Physical Review B, 2009, 79, .	3.2	31
111	Quadrupolar correlations and spin freezing in $S=1$ triangular lattice antiferromagnets. Physical Review B, 2009, 79, .	3.2	83
112	Spin-Orbital Singlet and Quantum Critical Point on the Diamond Lattice: $FeSc_2$. Physical Review Letters, 2009, 102, 096406.		88
113	Bismuth in strong magnetic fields: Unconventional Zeeman coupling and correlation effects. Physical Review B, 2009, 79, .	3.2	29
114	Gapless Spin Liquids on the Three-Dimensional Hyperkagome Lattice of Na_4O_8 . Physical Review Letters, 2008, 101, 197202.	3.2	115
115	Band touching from real-space topology in frustrated hopping models. Physical Review B, 2008, 78, .	3.2	251
116	Spin-orbit effects in Na_4O_8 A hyper-kagome lattice antiferromagnet. Physical Review B, 2008, 78, .	3.2	121
117	Spatially anisotropic Heisenberg kagome antiferromagnet. Physical Review B, 2008, 78, .	3.2	44
118	Effective Hamiltonians for some highly frustrated magnets. Journal of Physics Condensed Matter, 2007, 19, 145204.	1.8	6
119	Degenerate perturbation theory of quantum fluctuations in a pyrochlore antiferromagnet. Physical Review B, 2007, 75, .	3.2	25
120	Odd-Integer Quantum Hall Effect in Graphene: Interaction and Disorder Effects. Physical Review Letters, 2007, 99, 196802.	7.8	64
121	Emergence of $U(1)$ Symmetry in the $3D$ XYZ Model with Anisotropy. Physical Review Letters, 2007, 99, 207202.	7.8	58
122	Ordering in Spatially Anisotropic Triangular Antiferromagnets. Physical Review Letters, 2007, 98, 077205.	7.8	119
123	Dual vortex theory of doped Mott insulators. Annals of Physics, 2007, 322, 2635-2664.	2.8	20
124	Order-by-disorder and spiral spin-liquid in frustrated diamond-lattice antiferromagnets. Nature Physics, 2007, 3, 487-491.	16.7	202
125	Spinons and triplons in spatially anisotropic frustrated antiferromagnets. Nature Physics, 2007, 3, 790-795.	16.7	145
126	Topological invariants of time-reversal-invariant band structures. Physical Review B, 2007, 75, .	3.2	1,975

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127	Detecting the quantum zero-point motion of vortices in the cuprate superconductors. <i>Annals of Physics</i> , 2006, 321, 1528-1546.	2.8	10
128	Models of degeneracy breaking in pyrochlore antiferromagnets. <i>Physical Review B</i> , 2006, 74, .	3.2	65
129	Coulomb drag between two spin-incoherent Luttinger liquids. <i>Physical Review B</i> , 2006, 73, .	3.2	53
130	Ordering in a frustrated pyrochlore antiferromagnet proximate to a spin liquid. <i>Physical Review B</i> , 2006, 73, .	3.2	43
131	Artificial Electric Field in Fermi Liquids. <i>Physical Review Letters</i> , 2006, 97, 216601.	7.8	20
132	Deconfined Criticality Critically Defined. <i>Journal of the Physical Society of Japan</i> , 2005, 74, 1-9.	1.6	47
133	Thermal fluctuations in pinned elastic systems: field theory of rare events and droplets. <i>Annals of Physics</i> , 2005, 315, 213-303.	2.8	29
134	Competing Orders and Non-Landau-Ginzburg-Wilson Criticality in (Bose) Mott Transitions. <i>Progress of Theoretical Physics Supplement</i> , 2005, 160, 314-336.	0.1	19
135	Putting competing orders in their place near the Mott transition. II. The doped quantum dimer model. <i>Physical Review B</i> , 2005, 71, .	3.2	46
136	Putting competing orders in their place near the Mott transition. <i>Physical Review B</i> , 2005, 71, .	3.2	132
137	Supersolid Order from Disorder: Hard-Core Bosons on the Triangular Lattice. <i>Physical Review Letters</i> , 2005, 95, 127207.	7.8	216
138	Numerical Evidences of Fractionalization in an Easy-Axis Two-Spin Heisenberg Antiferromagnet. <i>Physical Review Letters</i> , 2005, 94, 146805.	7.8	41
139	Roton Fermi liquid: A metallic phase of two-dimensional electrons. <i>Physical Review B</i> , 2005, 71, .	3.2	12
140	Transport in a spin-incoherent Luttinger liquid. <i>Physical Review B</i> , 2005, 72, .	3.2	29
141	Anisotropic pyrochlores and the global phase diagram of the checkerboard antiferromagnet. <i>Physical Review B</i> , 2005, 72, .	3.2	66
142	Ground State Phases of the Half-Filled One-Dimensional Extended Hubbard Model. <i>Physical Review Letters</i> , 2004, 92, 236401.	7.8	102
143	Dimerized Phase and Transitions in a Spatially Anisotropic Square Lattice Antiferromagnet. <i>Physical Review Letters</i> , 2004, 93, 127202.	7.8	116
144	Broad relaxation spectrum and the field theory of glassy dynamics for pinned elastic systems. <i>Physical Review E</i> , 2004, 69, 061107.	2.1	22

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145	Pyrochlore photons: The $U(1)$ spin liquid in a $S=1/2$ three-dimensional frustrated magnet. Physical Review B, 2004, 69, .	3.2	478
146	Quantum criticality and deconfinement in phase transitions between valence bond solids. Physical Review B, 2004, 69, .	3.2	112
147	Quantum criticality beyond the Landau-Ginzburg-Wilson paradigm. Physical Review B, 2004, 70, .	3.2	621
148	Green's Function for Magnetically Incoherent Interacting Electrons in One Dimension. Physical Review Letters, 2004, 93, 226401.	7.8	75
149	Deconfined Quantum Critical Points. Science, 2004, 303, 1490-1494.	12.6	1,068
150	Field theory of statics and dynamics of glasses: Rare events and barrier distributions. Europhysics Letters, 2004, 65, 685-691.	2.0	26
151	XY ring-exchange model on the triangular lattice. Physical Review B, 2003, 67, .	3.2	20
152	Phase Diagram for Quantum Hall Bilayers at $\nu=1$. Physical Review Letters, 2003, 91, 116802.	7.8	70
153	Fractionalization in an easy-axis Kagome antiferromagnet. Physical Review B, 2002, 65, .	3.2	274
154	Ring exchange, the exciton Bose liquid, and bosonization in two dimensions. Physical Review B, 2002, 66, .	3.2	133
155	Momentum-resolved tunneling between Luttinger liquids. Physical Review B, 2002, 66, .	3.2	26
156	Andreev current in finite-size carbon nanotubes. Physical Review B, 2002, 66, .	3.2	13
157	Measuring Fractional Charge in Carbon Nanotubes. Journal of Statistical Physics, 2001, 103, 429-440.	1.2	14
158	Spin-dependent transport in a Luttinger liquid. Physical Review B, 2001, 64, .	3.2	51
159	Interlayer Tunneling in Double-Layer Quantum Hall Pseudoferrromagnets. Physical Review Letters, 2001, 86, 1825-1828.	7.8	89
160	X-ray-edge singularities in nanotubes and quantum wires with multiple subbands. Physical Review B, 2000, 61, 4429-4432.	3.2	47
161	Ferromagnetism in Doped Excitonic Insulators. Physical Review Letters, 2000, 84, 1264-1267.	7.8	84
162	Excitonic order at strong coupling: Pseudospin, doping, and ferromagnetism. Physical Review B, 2000, 62, 2346-2357.	3.2	36

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163	Dual vortex theory of strongly interacting electrons: A non-Fermi liquid with a twist. <i>Physical Review B</i> , 2000, 61, 6307-6319.	3.2	42
164	Spin Transport in Interacting Quantum Wires and Carbon Nanotubes. <i>Physical Review Letters</i> , 2000, 85, 3464-3467.	7.8	66
165	Communication Through a Diffusive Medium: Coherence and Capacity. <i>Science</i> , 2000, 287, 287-290.	12.6	208
166	Dual order parameter for the nodal liquid. <i>Physical Review B</i> , 1999, 60, 1654-1667.	3.2	149
167	Luttinger-liquid behaviour in carbon nanotubes. <i>Nature</i> , 1999, 397, 598-601.	27.8	1,396
168	Carbon nanotube intramolecular junctions. <i>Nature</i> , 1999, 402, 273-276.	27.8	1,639
169	Nonequilibrium steady states of driven periodic media. <i>Physical Review B</i> , 1998, 57, 7705-7739.	3.2	192
170	Nodal Liquid Theory of the Pseudo-Gap Phase of High-Tc Superconductors. <i>International Journal of Modern Physics B</i> , 1998, 12, 1033-1068.	2.0	165
171	Quasiparticle Transport and Localization in High-Tc Superconductors. <i>Physical Review Letters</i> , 1998, 81, 4704-4707.	7.8	133
172	Exact SO(8) symmetry in the weakly-interacting two-leg ladder. <i>Physical Review B</i> , 1998, 58, 1794-1825.	3.2	168
173	Critical behavior of the supersolid transition in Bose-Hubbard models. <i>Physical Review B</i> , 1997, 55, 1050-1067.	3.2	47
174	Comment on "Moving Glass Phase of Driven Lattices". <i>Physical Review Letters</i> , 1997, 78, 751-751.	7.8	69
175	Transport of surface states in the bulk quantum Hall effect. <i>Physical Review B</i> , 1997, 56, 15814-15821.	3.2	16
176	Delocalization transition via supersymmetry in one dimension. <i>Physical Review B</i> , 1997, 56, 12970-12991.	3.2	107
177	N-chain Hubbard model in weak coupling. <i>Physical Review B</i> , 1997, 56, 6569-6593.	3.2	148
178	Coulomb Interactions and Mesoscopic Effects in Carbon Nanotubes. <i>Physical Review Letters</i> , 1997, 79, 5086-5089.	7.8	556
179	Weak-coupling phase diagram of the two-chain Hubbard model. <i>Physical Review B</i> , 1996, 53, 12133-12141.	3.2	318
180	Dynamical transition in sliding charge-density waves with quenched disorder. <i>Physical Review B</i> , 1996, 54, 12798-12806.	3.2	21

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181	Continuous 3D Freezing Transition in Layered Superconductors. Physical Review Letters, 1996, 76, 3416-3419.	7.8	15
182	Chiral Surface States in the Bulk Quantum Hall Effect. Physical Review Letters, 1996, 76, 2782-2785.	7.8	125
183	Spatially ordered fractional quantum Hall states. Europhysics Letters, 1996, 33, 291-296.	2.0	26
184	Commensurability effects in large Josephson junctions. Physical Review B, 1995, 51, 6515-6525.	3.2	13
185	Quantum smectic and supersolid order in helium films and vortex arrays. Physical Review B, 1995, 52, 12951-12968.	3.2	101
186	Problems with the vortex-boson mapping in 1+1 dimensions. Physical Review B, 1995, 51, 15610-15612.	3.2	1
187	Disorder-induced unbinding of a flux line from an extended defect. Physical Review B, 1994, 49, 13030-13048.	3.2	60
188	Fluctuations and Intrinsic Pinning in Layered Superconductors. Physical Review Letters, 1994, 73, 2618-2621.	7.8	70
189	Localization of Elastic Layers by Correlated Disorder. Europhysics Letters, 1993, 24, 489-494.	2.0	35
190	Delocalization of Flux Lines from Extended Defects by Bulk Randomness. Europhysics Letters, 1993, 23, 503-509.	2.0	22
191	Roughening of anisotropically reconstructed surfaces and the Hubbard model. Physical Review B, 1992, 46, 16031-16044.	3.2	19
192	Directed paths on percolation clusters. Journal of Statistical Physics, 1992, 67, 1-11.	1.2	27
193	On the isotropic-nematic transition for polymers in liquid crystals. Journal De Physique, I, 1992, 2, 263-272.	1.2	2