

# Eduardo H Fradkin

## 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.

195  
papers

14,242  
citations

63  
h-index

115  
g-index

211  
ext. papers

15,753  
ext. citations

5.5  
avg, IF

6.84  
L-index

#	Paper	IF	Citations
195	Generic character of charge and spin density waves in superconducting cuprates.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119, e2119429119	11.5	1
194	Multiple Charge Density Waves and Superconductivity Nucleation at Antiphase Domain Walls in the Nematic Pnictide Ba <sub>{1-x}Sr<sub>{x}Ni<sub>{2}As<sub>{2}</sub></sub></sub>. <i>Physical Review Letters</i>, <b>2021</b>, 127, 027602</sub>	7.4	1
193	Intertwined order in fractional Chern insulators from finite-momentum pairing of composite fermions. <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	2
192	The Physics of Pair-Density Waves: Cuprate Superconductors and Beyond. <i>Annual Review of Condensed Matter Physics</i> , <b>2020</b> , 11, 231-270	19.7	70
191	Landau-Ginzburg theories of non-Abelian quantum Hall states from non-Abelian bosonization. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	9
190	Pair-Density-Wave Order and Paired Fractional Quantum Hall Fluids. <i>Physical Review X</i> , <b>2019</b> , 9,	9.1	4
189	Enhanced thermoelectric response in the fractional quantum Hall effect. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	16
188	Chern-Simons composite fermion theory of fractional Chern insulators. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	6
187	Macroscopically Degenerate Exactly Solvable Point in the Spin-1/2 Kagome Quantum Antiferromagnet. <i>Physical Review Letters</i> , <b>2018</b> , 120, 117202	7.4	25
186	Scrambling in the quantum Lifshitz model. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , <b>2018</b> , 2018, 063102	1.9	4
185	Loop models, modular invariance, and three-dimensional bosonization. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	14
184	Helical spin thermoelectrics controlled by a side-coupled magnetic quantum dot in the quantum spin Hall state. <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	14
183	Dirac composite fermions and emergent reflection symmetry about even-denominator filling fractions. <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	12
182	Boson-Fermion duality in a gravitational background. <i>Annals of Physics</i> , <b>2018</b> , 399, 1-25	2.5	5
181	Bosonization of Fermi liquids in a weak magnetic field. <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	3
180	Pair density waves in superconducting vortex halos. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	31
179	Quasiparticle interference and strong electron-phonon coupling in the quasi-one-dimensional bands of Sr <sub>2</sub> RuO <sub>4</sub> . <i>Nature Physics</i> , <b>2017</b> , 13, 799-805	16.2	19

178	Disorder Operators and Their Descendants. <i>Journal of Statistical Physics</i> , <b>2017</b> , 167, 427-461	1.5	10
177	Influence of Domain Walls in the Incommensurate Charge Density Wave State of Cu Intercalated 1T-TiSe <sub>2</sub> . <i>Physical Review Letters</i> , <b>2017</b> , 118, 106405	7.4	59
176	Out-of-time-order correlations in many-body localized and thermal phases. <i>Annalen Der Physik</i> , <b>2017</b> , 529, 1600332	2.6	94
175	Symmetric-gapped surface states of fractional topological insulators. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	5
174	Fractional S-duality, classification of fractional topological insulators, and surface topological order. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	17
173	Higgs modes in the pair density wave superconducting state. <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	10
172	Two-cylinder entanglement entropy under a twist. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , <b>2017</b> , 2017, 043104	1.9	9
171	Signatures of exciton condensation in a transition metal dichalcogenide. <i>Science</i> , <b>2017</b> , 358, 1314-1317	33.3	179
170	Quantum spin chains with multiple dynamics. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	12
169	Vestigial nematicity from spin and/or charge order in the cuprates. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	21
168	Measurement of the dynamic charge response of materials using low-energy, momentum-resolved electron energy-loss spectroscopy (M-EELS). <i>SciPost Physics</i> , <b>2017</b> , 3,	6.1	24
167	Topological superconducting phases from inversion symmetry breaking order in spin-orbit-coupled systems. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	34
166	Reexamination of the effective fine structure constant of graphene as measured in graphite. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	7
165	Nematic quantum phase transition of composite Fermi liquids in half-filled Landau levels and their geometric response. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	23
164	Effective hydrodynamic field theory and condensation picture of topological insulators. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	17
163	Entanglement entropy and mutual information of circular entangling surfaces in the 2 + 1-dimensional quantum Lifshitz model. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , <b>2016</b> , 2016, 093101	1.9	11
162	Composite particle theory of three-dimensional gapped fermionic phases: Fractional topological insulators and charge-loop excitation symmetry. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	18
161	Numerical evidence for a chiral spin liquid in the XXZ antiferromagnetic Heisenberg model on the kagome lattice at m=23 magnetization. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	9

160	Theory of twist liquids: Gauging an anyonic symmetry. <i>Annals of Physics</i> , <b>2015</b> , 360, 349-445	2.5	65
159	Colloquium: Theory of intertwined orders in high temperature superconductors. <i>Reviews of Modern Physics</i> , <b>2015</b> , 87, 457-482	40.5	486
158	Quasi-one-dimensional pair density wave superconducting state. <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	4
157	Chiral spin liquids on the kagome lattice. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	32
156	Discretized Abelian Chern-Simons gauge theory on arbitrary graphs. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	10
155	Many-body localization transition in Rokhsar-Kivelson-type wave functions. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	17
154	Scaling of entanglement in 2 + 1-dimensional scale-invariant field theories. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , <b>2015</b> , 2015, P02010	1.9	15
153	Framing anomaly in the effective theory of the fractional quantum Hall effect. <i>Physical Review Letters</i> , <b>2015</b> , 114, 016805	7.4	81
152	Bosonization of fermions coupled to topologically massive gravity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 730, 284-287	4.2	3
151	Geometry of fractional quantum Hall fluids. <i>Physical Review B</i> , <b>2014</b> , 90,	3.3	50
150	Theory of Nematic Fractional Quantum Hall States. <i>Physical Review X</i> , <b>2014</b> , 4,	9.1	42
149	Chern-Simons theory of magnetization plateaus of the spin-12 quantum XXZ Heisenberg model on the kagome lattice. <i>Physical Review B</i> , <b>2014</b> , 90,	3.3	30
148	Topological pair-density-wave superconducting states. <i>Physical Review Letters</i> , <b>2014</b> , 113, 256405	7.4	11
147	Ising nematic fluid phase of hard-core dimers on the square lattice. <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	4
146	Pair-density-wave superconducting states and electronic liquid-crystal phases. <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	17
145	Inhomogeneous superconducting phases in the frustrated Kondo-Heisenberg chain. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	5
144	Field Theories of Condensed Matter Physics <b>2013</b> ,		542
143	Field theory of nematicity in the spontaneous quantum anomalous Hall effect. <i>Physical Review B</i> , <b>2013</b> , 88,	3.3	16

142	Heat transport through quantum Hall edge states: Tunneling versus capacitive coupling to reservoirs. <i>Physical Review B</i> , <b>2013</b> , 88,	3.3	11
141	Effective field theories for topological insulators by functional bosonization. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	39
140	Dynamical stability of the quantum Lifshitz theory in 2+1 dimensions. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	8
139	Pair-density-wave superconducting order in two-leg ladders. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	38
138	Electronic Liquid Crystal Phases in Strongly Correlated Systems. <i>Lecture Notes in Physics</i> , <b>2012</b> , 53-116	0.8	3
137	Rényi entropy and the multifractal spectra of systems near the localization transition. <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	21
136	The electron many-body problem in graphene. <i>Physica Scripta</i> , <b>2012</b> , T146, 014014	2.6	2
135	Chiral heat transport in driven quantum Hall and quantum spin Hall edge states. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	12
134	Torsional response and dissipationless viscosity in topological insulators. <i>Physical Review Letters</i> , <b>2011</b> , 107, 075502	7.4	97
133	Role of nematic fluctuations in the thermal melting of pair-density-wave phases in two-dimensional superconductors. <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	20
132	Boundary effects on the local density of states of one-dimensional Mott insulators and charge density wave states. <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	14
131	Mapping the magnetostructural quantum phases of Mn <sub>3</sub> O <sub>4</sub> . <i>Physical Review Letters</i> , <b>2010</b> , 104, 136402	7.4	48
130	Unconventional magnetism in imbalanced Fermi systems with magnetic dipolar interactions. <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	18
129	Pair-density-wave correlations in the Kondo-Heisenberg model. <i>Physical Review Letters</i> , <b>2010</b> , 105, 146403	7.4	49
128	Universal behavior of entanglement in 2D quantum critical dimer models. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , <b>2010</b> , 2010, P09004	1.9	18
127	Charge-density wave and superconductor competition in stripe phases of high-temperature superconductors. <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	16
126	Physics. Electron nematic phases proliferate. <i>Science</i> , <b>2010</b> , 327, 155-6	33.3	30
125	Nematic Fermi Fluids in Condensed Matter Physics. <i>Annual Review of Condensed Matter Physics</i> , <b>2010</b> , 1, 153-178	19.7	454

124	The effective fine-structure constant of freestanding graphene measured in graphite. <i>Science</i> , <b>2010</b> , 330, 805-8	33.3	100
123	Theory of the striped superconductor. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	97
122	Universal entanglement entropy in two-dimensional conformal quantum critical points. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	84
121	Quantum noise and entanglement generated by a local quantum quench. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	44
120	Ferronematic ground state of the dilute dipolar Fermi gas. <i>Physical Review Letters</i> , <b>2009</b> , 103, 205301	7.4	66
119	Striped superconductors: how spin, charge and superconducting orders intertwine in the cuprates. <i>New Journal of Physics</i> , <b>2009</b> , 11, 115004	2.9	200
118	Scaling of entanglement entropy at 2D quantum Lifshitz fixed points and topological fluids. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2009</b> , 42, 504011	2	25
117	Biaxial nematic phases in ultracold dipolar Fermi gases. <i>New Journal of Physics</i> , <b>2009</b> , 11, 103003	2.9	63
116	Charge-4e superconductivity from pair-density-wave order in certain high-temperature superconductors. <i>Nature Physics</i> , <b>2009</b> , 5, 830-833	16.2	132
115	Topological insulators and nematic phases from spontaneous symmetry breaking in 2D fermi systems with a quadratic band crossing. <i>Physical Review Letters</i> , <b>2009</b> , 103, 046811	7.4	295
114	Topological entanglement entropy in Chern-Simons theories and quantum Hall fluids. <i>Journal of High Energy Physics</i> , <b>2008</b> , 2008, 016-016	5.4	125
113	Theory of the nodal nematic quantum phase transition in superconductors. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	75
112	Universality of liquid-gas Mott transitions at finite temperatures. <i>Physical Review Letters</i> , <b>2008</b> , 100, 026408	7.4	34
111	Fluctuating stripes in strongly correlated electron systems and the nematic-smectic quantum phase transition. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	34
110	Time-reversal symmetry breaking and spontaneous anomalous Hall effect in Fermi fluids. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	54
109	Local density of states of one-dimensional Mott insulators and charge-density wave states with a boundary. <i>Physical Review Letters</i> , <b>2008</b> , 101, 086403	7.4	16
108	Quantum criticality, lines of fixed points, and phase separation in doped two-dimensional quantum dimer models. <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	53
107	Topological phases and topological entropy of two-dimensional systems with finite correlation length. <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	33

106	Devil's staircases, quantum dimer models, and stripe formation in strong coupling models of quantum frustration. <i>Physical Review B</i> , <b>2007</b> , 75,	3-3	19
105	Fractional Statistics and Duality: Strong Tunneling Behavior of Edge States of Quantum Hall Liquids in the Jain Sequence. <i>Physical Review Letters</i> , <b>2007</b> , 98,	7-4	5
104	Local quantum criticality at the nematic quantum phase transition. <i>Physical Review B</i> , <b>2007</b> , 75,	3-3	42
103	Physics. Electron nematic phase in a transition metal oxide. <i>Science</i> , <b>2007</b> , 315, 196-7	33-3	25
102	Fermi liquid instabilities in the spin channel. <i>Physical Review B</i> , <b>2007</b> , 75,	3-3	86
101	Measuring fractional charge and statistics in fractional quantum Hall fluids through noise experiments. <i>Physical Review B</i> , <b>2006</b> , 74,	3-3	27
100	Nonperturbative behavior of the quantum phase transition to a nematic Fermi fluid. <i>Physical Review B</i> , <b>2006</b> , 73,	3-3	82
99	Entanglement entropy of 2D conformal quantum critical points: hearing the shape of a quantum drum. <i>Physical Review Letters</i> , <b>2006</b> , 97, 050404	7-4	177
98	Distinguishing patterns of charge order: Stripes or checkerboards. <i>Physical Review B</i> , <b>2006</b> , 74,	3-3	103
97	INTERMEDIATE SYMMETRIES IN ELECTRONIC SYSTEMS: DIMENSIONAL REDUCTION, ORDER OUT OF DISORDER, DUALITIES, AND FRACTIONALIZATION. <i>International Journal of Modern Physics B</i> , <b>2006</b> , 20, 5239-5249	1-1	17
96	Ice: A strongly correlated proton system. <i>Physical Review B</i> , <b>2006</b> , 74,	3-3	52
95	Realizing non-Abelian statistics in time-reversal-invariant systems. <i>Physical Review B</i> , <b>2005</b> , 72,	3-3	63
94	Discrete sliding symmetries, dualities, and self-dualities of quantum orbital compass models and p+ip superconducting arrays. <i>Physical Review B</i> , <b>2005</b> , 71,	3-3	87
93	Surface pinning of fluctuating charge order: An extraordinary surface phase transition. <i>Physical Review B</i> , <b>2005</b> , 71,	3-3	20
92	Signatures of fractional statistics in noise experiments in quantum Hall fluids. <i>Physical Review Letters</i> , <b>2005</b> , 95, 176402	7-4	64
91	Cooper-pair tunneling in junctions of singlet quantum Hall States and superconductors. <i>Physical Review Letters</i> , <b>2004</b> , 93, 266803	7-4	16
90	Bipartite Rokhsar-Kivelson points and Cantor deconfinement. <i>Physical Review B</i> , <b>2004</b> , 69,	3-3	137
89	Quantum Hall smectics, sliding symmetry, and the renormalization group. <i>Physical Review B</i> , <b>2004</b> , 70,	3-3	15

88	Fermion Chern-Simons theory of hierarchical fractional quantum Hall states. <i>Physical Review B</i> , <b>2004</b> , 69,	3-3	27
87	Quasi-one-dimensional dynamics and nematic phases in the two-dimensional Emery model. <i>Physical Review B</i> , <b>2004</b> , 69,	3-3	32
86	Topological order and conformal quantum critical points. <i>Annals of Physics</i> , <b>2004</b> , 310, 493-551	2.5	221
85	How to detect fluctuating stripes in the high-temperature superconductors. <i>Reviews of Modern Physics</i> , <b>2003</b> , 75, 1201-1241	40.5	1081
84	Double point contact in quantum Hall line junctions. <i>Physical Review Letters</i> , <b>2003</b> , 91, 156801	7-4	13
83	Interedge tunneling in quantum Hall line junctions. <i>Physical Review B</i> , <b>2003</b> , 67,	3-3	25
82	Competing orders in coupled Luttinger liquids. <i>Physical Review B</i> , <b>2003</b> , 68,	3-3	53
81	Theory of the quantum Hall Smectic Phase. I. Low-energy properties of the quantum Hall smectic fixed point. <i>Physical Review B</i> , <b>2002</b> , 65,	3-3	34
80	Theory of the quantum Hall Smectic Phase. II. Microscopic theory. <i>Physical Review B</i> , <b>2002</b> , 65,	3-3	15
79	Competing order in the mixed state of high-temperature superconductors. <i>Physical Review B</i> , <b>2002</b> , 66,	3-3	67
78	Non-commutative Chern-Simons for the quantum Hall system and duality. <i>Nuclear Physics B</i> , <b>2002</b> , 642, 483-500	2.8	20
77	Antiferromagnetic spin ladders effectively coupled by one-dimensional electron liquids. <i>Physical Review Letters</i> , <b>2001</b> , 86, 1865-8	7-4	9
76	Effective field theory for the bulk and edge states of quantum Hall states in unpolarized single layer and bilayer systems. <i>Physical Review B</i> , <b>2001</b> , 63,	3-3	19
75	Fractional quantum Hall junctions and two-channel Kondo models. <i>Physical Review B</i> , <b>2001</b> , 63,	3-3	2
74	Short-ranged resonating valence bond physics, quantum dimer models, and Ising gauge theories. <i>Physical Review B</i> , <b>2001</b> , 65,	3-3	221
73	Quantum theory of a nematic Fermi fluid. <i>Physical Review B</i> , <b>2001</b> , 64,	3-3	343
72	Nematic phase of the two-dimensional electron gas in a magnetic field. <i>Physical Review Letters</i> , <b>2000</b> , 84, 1982-5	7-4	110
71	Universal structure of the edge states of the fractional quantum Hall states. <i>Physical Review B</i> , <b>1999</b> , 59, 15323-15331	3-3	67

70	Noise measurements and fractional charge in fractional quantum Hall liquids. <i>Physical Review B</i> , <b>1999</b> , 59, 12521-12536	3.3	22
69	Liquid-crystal phases of quantum Hall systems. <i>Physical Review B</i> , <b>1999</b> , 59, 8065-8072	3.3	282
68	Landau-Ginzburg theories for non-abelian quantum Hall states. <i>Nuclear Physics B</i> , <b>1999</b> , 546, 711-730	2.8	59
67	A Chern-Simons effective field theory for the Pfaffian quantum Hall state. <i>Nuclear Physics B</i> , <b>1998</b> , 516, 704-718	2.8	194
66	Andreev reflection in the fractional quantum Hall effect. <i>Physical Review B</i> , <b>1998</b> , 57, 12324-12332	3.3	30
65	FERMIONIC CHERN-SIMONS FIELD THEORY FOR THE FRACTIONAL HALL EFFECT <b>1998</b> , 195-253		3
64	Distinct universal conductances in tunneling to quantum Hall states: The role of contacts. <i>Physical Review B</i> , <b>1997</b> , 56, 2012-2025	3.3	95
63	Overscreening of magnetic impurities in $d_{x^2-y^2}$ -wave superconductors. <i>Physical Review B</i> , <b>1997</b> , 56, 11246-11261	3.3	49
62	Exact calculation of multifractal exponents of the critical wave function of Dirac fermions in a random magnetic field. <i>Physical Review B</i> , <b>1997</b> , 56, 10668-10677	3.3	94
61	Interacting electrons on a half line coupled to impurities. <i>Nuclear Physics B</i> , <b>1997</b> , 501, 745-772	2.8	
60	Modular invariance, self-duality and the phase transition between quantum Hall plateaus. <i>Nuclear Physics B</i> , <b>1996</b> , 474, 543-574	2.8	59
59	Gauge invariance and finite temperature effective actions of Chern-Simons gauge theories with fermions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 383, 434-438	4.2	14
58	Kondo effect in flux phases. <i>Physical Review B</i> , <b>1996</b> , 53, 15079-15094	3.3	69
57	Bilayers of chiral spin states. <i>Physical Review B</i> , <b>1996</b> , 53, 8708-8725	3.3	1
56	Exact effective action for fermions in one dimension with backscattering at a boundary. <i>Physical Review B</i> , <b>1996</b> , 53, 16568-16572	3.3	2
55	Exact solution of the Landau fixed point via bosonization. <i>Physical Review B</i> , <b>1995</b> , 51, 4084-4104	3.3	52
54	Fermionic Chern-Simons theory for the fractional quantum Hall effect in bilayers. <i>Physical Review B</i> , <b>1995</b> , 51, 4347-4368	3.3	51
53	Bosonization rules in $12 + 1$ dimensions. <i>Nuclear Physics B</i> , <b>1995</b> , 450, 603-640	2.8	11

52	Bosonization of three-dimensional non-abelian fermion field theories. <i>Nuclear Physics B</i> , <b>1995</b> , 446, 144-156	4.2	156	47
51	Chern-Simons theory of the anisotropic quantum Heisenberg antiferromagnet on a square lattice. <i>Physical Review B</i> , <b>1994</b> , 49, 15139-15158	3.3		22
50	Bosonization of the low energy excitations of Fermi liquids. <i>Physical Review Letters</i> , <b>1994</b> , 72, 1393-1397	4		87
49	Bosonization of Fermi liquids. <i>Physical Review B</i> , <b>1994</b> , 49, 10877-10892	3.3		85
48	Mechanism of spin and charge separation in one-dimensional quantum antiferromagnets. <i>Physical Review B</i> , <b>1994</b> , 50, 11409-11428	3.3		41
47	The fermion-boson mapping in three-dimensional quantum field theory. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 338, 253-258	4.2		155
46	Separation of spin and charge quantum numbers in strongly correlated systems. <i>Physical Review B</i> , <b>1994</b> , 49, 5200-5219	3.3		73
45	Response functions and spectrum of collective excitations of fractional-quantum-Hall-effect systems. <i>Physical Review B</i> , <b>1993</b> , 47, 7080-7094	3.3		106
44	Universality in the Fractional Quantum Hall effect. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>1993</b> , 33, 67-91			1
43	The thermodynamics of quantum systems and generalizations of Zamolodchikov's C-theorem. <i>Nuclear Physics B</i> , <b>1993</b> , 400, 525-546	2.8		43
42	Universal properties of the wave functions of fractional quantum Hall systems. <i>Physical Review Letters</i> , <b>1992</b> , 69, 2126-2129	7.4		57
41	Equivalence of the path-integral theory of spinning particles and the topological nonlinear sigma model in d=2 dimensions. <i>Physical Review D</i> , <b>1992</b> , 45, 595-604	4.9		3
40	Ground-state phase diagram of the one-dimensional extended Hubbard model. <i>Physical Review B</i> , <b>1991</b> , 44, 5995-6001	3.3		69
39	Fractional quantum Hall effect and Chern-Simons gauge theories. <i>Physical Review B</i> , <b>1991</b> , 44, 5246-5262	3.3		471
38	Singlet quantum Hall effect and Chern-Simons theories. <i>Physical Review B</i> , <b>1991</b> , 43, 10622-10634	3.3		20
37	Chern-Simons gauge theories, confinement, and the chiral spin liquid. <i>Physical Review Letters</i> , <b>1991</b> , 66, 276-279	7.4		45
36	Phase diagram of the extended Hubbard model in one spatial dimension. <i>Physical Review B</i> , <b>1990</b> , 41, 9435-9443	3.3		71
35	Phase transitions in gapless Fermi systems with magnetic impurities. <i>Physical Review Letters</i> , <b>1990</b> , 64, 1835-1838	7.4		227

34	Superfluidity of the lattice anyon gas and topological invariance. <i>Physical Review B</i> , <b>1990</b> , 42, 570-586	3.3	60
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32	Conformal properties of the Kondo models. <i>Nuclear Physics B</i> , <b>1990</b> , 340, 692-702	2.8	7
31	Ground states of infinite-range spin-(1/2 quantum Heisenberg antiferromagnets. <i>Physical Review B</i> , <b>1989</b> , 40, 11177-11184	3.3	5
30	Superfluidity of the Lattice Anyon Gas. <i>International Journal of Modern Physics B</i> , <b>1989</b> , 03, 1965-1995	1.1	6
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27	Constrained Fermi systems and Virasoro algebras. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1988</b> , 200, 95-97	4.2	4
26	Topological terms in one- and two-dimensional quantum Heisenberg antiferromagnets. <i>Physical Review B</i> , <b>1988</b> , 38, 7215-7218	3.3	161
25	SU(2) gauge invariance and order parameters in strongly coupled electronic systems. <i>Physical Review B</i> , <b>1988</b> , 38, 2926-2929	3.3	114
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21	The parity anomaly in condensed matter physics. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>1987</b> , 1, 175-183		2
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17	Critical behavior of disordered degenerate semiconductors. II. Spectrum and transport properties in mean-field theory. <i>Physical Review B</i> , <b>1986</b> , 33, 3263-3268	3.3	287

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15	Critical behavior of disordered degenerate semiconductors. I. Models, symmetries, and formalism. <i>Physical Review B</i> , <b>1986</b> , 33, 3257-3262	3.3	178
14	Localization in a magnetic field: Tight binding model with one-half of a flux quantum per plaquette. <i>Nuclear Physics B</i> , <b>1985</b> , 251, 457-471	2.8	53
13	N-Color Ashkin-Teller Model in Two Dimensions: Solution in the Large-N Limit. <i>Physical Review Letters</i> , <b>1984</b> , 53, 1967-1970	7.4	33
12	Periodic, incommensurate and chaotic states in a continuum statistical mechanics model. <i>Nuclear Physics B</i> , <b>1983</b> , 215, 137-168	2.8	16
11	Phase diagram of one-dimensional electron-phonon systems. I. The Su-Schrieffer-Heeger model. <i>Physical Review B</i> , <b>1983</b> , 27, 1680-1697	3.3	224
10	Phase diagram of one-dimensional electron-phonon systems. II. The molecular-crystal model. <i>Physical Review B</i> , <b>1983</b> , 27, 4302-4316	3.3	193
9	Roughening transition in quantum interfaces. <i>Physical Review B</i> , <b>1983</b> , 28, 5338-5341	3.3	36
8	Localization and interactions in a disordered electron gas. <i>Physical Review B</i> , <b>1983</b> , 28, 2990-3006	3.3	8
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6	Fermion representation for the Z <sub>2</sub> lattice gauge theory in 2+1 dimensions. <i>Physical Review D</i> , <b>1980</b> , 21, 2885-2891	4.9	48
5	Disorder variables and para-fermions in two-dimensional statistical mechanics. <i>Nuclear Physics B</i> , <b>1980</b> , 170, 1-15	2.8	167
4	Phase diagrams of lattice gauge theories with Higgs fields. <i>Physical Review D</i> , <b>1979</b> , 19, 3682-3697	4.9	593
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2	Order and disorder in gauge systems and magnets. <i>Physical Review D</i> , <b>1978</b> , 17, 2637-2658	4.9	343
1	Gauge symmetries in random magnetic systems. <i>Physical Review B</i> , <b>1978</b> , 18, 4789-4814	3.3	169