

Eduardo H Fradkin

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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	How to detect fluctuating stripes in the high-temperature superconductors. <i>Reviews of Modern Physics</i> , 2003 , 75, 1201-1241	40.5	1081
194	Phase diagrams of lattice gauge theories with Higgs fields. <i>Physical Review D</i> , 1979 , 19, 3682-3697	4.9	593
193	Field Theories of Condensed Matter Physics 2013 ,		542
192	Colloquium: Theory of intertwined orders in high temperature superconductors. <i>Reviews of Modern Physics</i> , 2015 , 87, 457-482	40.5	486
191	Fractional quantum Hall effect and Chern-Simons gauge theories. <i>Physical Review B</i> , 1991 , 44, 5246-5262	3.3	471
190	Nematic Fermi Fluids in Condensed Matter Physics. <i>Annual Review of Condensed Matter Physics</i> , 2010 , 1, 153-178	19.7	454
189	Quantum theory of a nematic Fermi fluid. <i>Physical Review B</i> , 2001 , 64,	3.3	343
188	Order and disorder in gauge systems and magnets. <i>Physical Review D</i> , 1978 , 17, 2637-2658	4.9	343
187	Topological insulators and nematic phases from spontaneous symmetry breaking in 2D fermi systems with a quadratic band crossing. <i>Physical Review Letters</i> , 2009 , 103, 046811	7.4	295
186	Critical behavior of disordered degenerate semiconductors. II. Spectrum and transport properties in mean-field theory. <i>Physical Review B</i> , 1986 , 33, 3263-3268	3.3	287
185	Liquid-crystal phases of quantum Hall systems. <i>Physical Review B</i> , 1999 , 59, 8065-8072	3.3	282
184	Phase transitions in gapless Fermi systems with magnetic impurities. <i>Physical Review Letters</i> , 1990 , 64, 1835-1838	7.4	227
183	Phase diagram of one-dimensional electron-phonon systems. I. The Su-Schrieffer-Heeger model. <i>Physical Review B</i> , 1983 , 27, 1680-1697	3.3	224
182	Topological order and conformal quantum critical points. <i>Annals of Physics</i> , 2004 , 310, 493-551	2.5	221
181	Short-ranged resonating valence bond physics, quantum dimer models, and Ising gauge theories. <i>Physical Review B</i> , 2001 , 65,	3.3	221
180	Striped superconductors: how spin, charge and superconducting orders intertwine in the cuprates. <i>New Journal of Physics</i> , 2009 , 11, 115004	2.9	200
179	Jordan-Wigner transformation for quantum-spin systems in two dimensions and fractional statistics. <i>Physical Review Letters</i> , 1989 , 63, 322-325	7.4	195

178	A Chern-Simons effective field theory for the Pfaffian quantum Hall state. <i>Nuclear Physics B</i> , 1998 , 516, 704-718	2.8	194
177	Phase diagram of one-dimensional electron-phonon systems. II. The molecular-crystal model. <i>Physical Review B</i> , 1983 , 27, 4302-4316	3.3	193
176	Signatures of exciton condensation in a transition metal dichalcogenide. <i>Science</i> , 2017 , 358, 1314-1317	33.3	179
175	Critical behavior of disordered degenerate semiconductors. I. Models, symmetries, and formalism. <i>Physical Review B</i> , 1986 , 33, 3257-3262	3.3	178
174	Entanglement entropy of 2D conformal quantum critical points: hearing the shape of a quantum drum. <i>Physical Review Letters</i> , 2006 , 97, 050404	7.4	177
173	Gauge symmetries in random magnetic systems. <i>Physical Review B</i> , 1978 , 18, 4789-4814	3.3	169
172	Disorder variables and para-fermions in two-dimensional statistical mechanics. <i>Nuclear Physics B</i> , 1980 , 170, 1-15	2.8	167
171	Topological terms in one- and two-dimensional quantum Heisenberg antiferromagnets. <i>Physical Review B</i> , 1988 , 38, 7215-7218	3.3	161
170	The fermion-boson mapping in three-dimensional quantum field theory. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 338, 253-258	4.2	155
169	Bipartite Rokhsar-Kivelson points and Cantor deconfinement. <i>Physical Review B</i> , 2004 , 69,	3.3	137
168	Charge-4e superconductivity from pair-density-wave order in certain high-temperature superconductors. <i>Nature Physics</i> , 2009 , 5, 830-833	16.2	132
167	Topological entanglement entropy in Chern-Simons theories and quantum Hall fluids. <i>Journal of High Energy Physics</i> , 2008 , 2008, 016-016	5.4	125
166	SU(2) gauge invariance and order parameters in strongly coupled electronic systems. <i>Physical Review B</i> , 1988 , 38, 2926-2929	3.3	114
165	Nematic phase of the two-dimensional electron gas in a magnetic field. <i>Physical Review Letters</i> , 2000 , 84, 1982-5	7.4	110
164	SHORT RANGE RESONATING VALENCE BOND THEORIES AND SUPERCONDUCTIVITY. <i>Modern Physics Letters B</i> , 1990 , 04, 225-232	1.6	107
163	Response functions and spectrum of collective excitations of fractional-quantum-Hall-effect systems. <i>Physical Review B</i> , 1993 , 47, 7080-7094	3.3	106
162	Distinguishing patterns of charge order: Stripes or checkerboards. <i>Physical Review B</i> , 2006 , 74,	3.3	103
161	Effect of Quantum Fluctuations on the Peierls Instability: A Monte Carlo Study. <i>Physical Review Letters</i> , 1982 , 49, 402-405	7.4	102

160	The effective fine-structure constant of freestanding graphene measured in graphite. <i>Science</i> , 2010 , 330, 805-8	33.3	100
159	Physical realization of the parity anomaly in condensed matter physics. <i>Physical Review Letters</i> , 1986 , 57, 2967-2970	7.4	99
158	Theory of the striped superconductor. <i>Physical Review B</i> , 2009 , 79,	3.3	97
157	Torsional response and dissipationless viscosity in topological insulators. <i>Physical Review Letters</i> , 2011 , 107, 075502	7.4	97
156	Distinct universal conductances in tunneling to quantum Hall states: The role of contacts. <i>Physical Review B</i> , 1997 , 56, 2012-2025	3.3	95
155	Out-of-time-order correlations in many-body localized and thermal phases. <i>Annalen Der Physik</i> , 2017 , 529, 1600332	2.6	94
154	Exact calculation of multifractal exponents of the critical wave function of Dirac fermions in a random magnetic field. <i>Physical Review B</i> , 1997 , 56, 10668-10677	3.3	94
153	Discrete sliding symmetries, dualities, and self-dualities of quantum orbital compass models and $p+ip$ superconducting arrays. <i>Physical Review B</i> , 2005 , 71,	3.3	87
152	Bosonization of the low energy excitations of Fermi liquids. <i>Physical Review Letters</i> , 1994 , 72, 1393-1397.	7.4	87
151	Fermi liquid instabilities in the spin channel. <i>Physical Review B</i> , 2007 , 75,	3.3	86
150	Bosonization of Fermi liquids. <i>Physical Review B</i> , 1994 , 49, 10877-10892	3.3	85
149	Universal entanglement entropy in two-dimensional conformal quantum critical points. <i>Physical Review B</i> , 2009 , 79,	3.3	84
148	Nonperturbative behavior of the quantum phase transition to a nematic Fermi fluid. <i>Physical Review B</i> , 2006 , 73,	3.3	82
147	Framing anomaly in the effective theory of the fractional quantum Hall effect. <i>Physical Review Letters</i> , 2015 , 114, 016805	7.4	81
146	Theory of the nodal nematic quantum phase transition in superconductors. <i>Physical Review B</i> , 2008 , 77,	3.3	75
145	Separation of spin and charge quantum numbers in strongly correlated systems. <i>Physical Review B</i> , 1994 , 49, 5200-5219	3.3	73
144	Phase diagram of the extended Hubbard model in one spatial dimension. <i>Physical Review B</i> , 1990 , 41, 9435-9443	3.3	71
143	The Physics of Pair-Density Waves: Cuprate Superconductors and Beyond. <i>Annual Review of Condensed Matter Physics</i> , 2020 , 11, 231-270	19.7	70

142	Kondo effect in flux phases. <i>Physical Review B</i> , 1996 , 53, 15079-15094	3.3	69
141	Ground-state phase diagram of the one-dimensional extended Hubbard model. <i>Physical Review B</i> , 1991 , 44, 5995-6001	3.3	69
140	Competing order in the mixed state of high-temperature superconductors. <i>Physical Review B</i> , 2002 , 66,	3.3	67
139	Universal structure of the edge states of the fractional quantum Hall states. <i>Physical Review B</i> , 1999 , 59, 15323-15331	3.3	67
138	Ferronematic ground state of the dilute dipolar Fermi gas. <i>Physical Review Letters</i> , 2009 , 103, 205301	7.4	66
137	Theory of twist liquids: Gauging an anyonic symmetry. <i>Annals of Physics</i> , 2015 , 360, 349-445	2.5	65
136	Signatures of fractional statistics in noise experiments in quantum Hall fluids. <i>Physical Review Letters</i> , 2005 , 95, 176402	7.4	64
135	Biaxial nematic phases in ultracold dipolar Fermi gases. <i>New Journal of Physics</i> , 2009 , 11, 103003	2.9	63
134	Realizing non-Abelian statistics in time-reversal-invariant systems. <i>Physical Review B</i> , 2005 , 72,	3.3	63
133	Superfluidity of the lattice anyon gas and topological invariance. <i>Physical Review B</i> , 1990 , 42, 570-586	3.3	60
132	Influence of Domain Walls in the Incommensurate Charge Density Wave State of Cu Intercalated 1T-TiSe ₂ . <i>Physical Review Letters</i> , 2017 , 118, 106405	7.4	59
131	Landau-Ginzburg theories for non-abelian quantum Hall states. <i>Nuclear Physics B</i> , 1999 , 546, 711-730	2.8	59
130	Modular invariance, self-duality and the phase transition between quantum Hall plateaus. <i>Nuclear Physics B</i> , 1996 , 474, 543-574	2.8	59
129	Universal properties of the wave functions of fractional quantum Hall systems. <i>Physical Review Letters</i> , 1992 , 69, 2126-2129	7.4	57
128	Time-reversal symmetry breaking and spontaneous anomalous Hall effect in Fermi fluids. <i>Physical Review B</i> , 2008 , 78,	3.3	54
127	Quantum criticality, lines of fixed points, and phase separation in doped two-dimensional quantum dimer models. <i>Physical Review B</i> , 2007 , 76,	3.3	53
126	Competing orders in coupled Luttinger liquids. <i>Physical Review B</i> , 2003 , 68,	3.3	53
125	Localization in a magnetic field: Tight binding model with one-half of a flux quantum per plaquette. <i>Nuclear Physics B</i> , 1985 , 251, 457-471	2.8	53

124	Ice: A strongly correlated proton system. <i>Physical Review B</i> , 2006 , 74,	3.3	52
123	Exact solution of the Landau fixed point via bosonization. <i>Physical Review B</i> , 1995 , 51, 4084-4104	3.3	52
122	Fermionic Chern-Simons theory for the fractional quantum Hall effect in bilayers. <i>Physical Review B</i> , 1995 , 51, 4347-4368	3.3	51
121	Geometry of fractional quantum Hall fluids. <i>Physical Review B</i> , 2014 , 90,	3.3	50
120	Pair-density-wave correlations in the Kondo-Heisenberg model. <i>Physical Review Letters</i> , 2010 , 105, 146403	7.4	49
119	Overscreening of magnetic impurities in $d_{x^2-y^2}$ -wave superconductors. <i>Physical Review B</i> , 1997 , 56, 11246-11261	3.3	49
118	Mapping the magnetostructural quantum phases of Mn_3O_4 . <i>Physical Review Letters</i> , 2010 , 104, 136402	7.4	48
117	Fermion representation for the Z_2 lattice gauge theory in 2+1 dimensions. <i>Physical Review D</i> , 1980 , 21, 2885-2891	4.9	48
116	Bosonization of three-dimensional non-abelian fermion field theories. <i>Nuclear Physics B</i> , 1995 , 446, 144-156	1.56	47
115	Chern-Simons gauge theories, confinement, and the chiral spin liquid. <i>Physical Review Letters</i> , 1991 , 66, 276-279	7.4	45
114	Quantum noise and entanglement generated by a local quantum quench. <i>Physical Review B</i> , 2009 , 80,	3.3	44
113	The thermodynamics of quantum systems and generalizations of Zamolodchikov's C-theorem. <i>Nuclear Physics B</i> , 1993 , 400, 525-546	2.8	43
112	Theory of Nematic Fractional Quantum Hall States. <i>Physical Review X</i> , 2014 , 4,	9.1	42
111	Local quantum criticality at the nematic quantum phase transition. <i>Physical Review B</i> , 2007 , 75,	3.3	42
110	Superconducting-normal phase boundary of quasicrystalline arrays in a magnetic field. <i>Physical Review B</i> , 1987 , 36, 8338-8342	3.3	42
109	Mechanism of spin and charge separation in one-dimensional quantum antiferromagnets. <i>Physical Review B</i> , 1994 , 50, 11409-11428	3.3	41
108	Effective field theories for topological insulators by functional bosonization. <i>Physical Review B</i> , 2013 , 87,	3.3	39
107	Pair-density-wave superconducting order in two-leg ladders. <i>Physical Review B</i> , 2012 , 85,	3.3	38

106	Roughening transition in quantum interfaces. <i>Physical Review B</i> , 1983 , 28, 5338-5341	3-3	36
105	Topological superconducting phases from inversion symmetry breaking order in spin-orbit-coupled systems. <i>Physical Review B</i> , 2016 , 93,	3-3	34
104	Universality of liquid-gas Mott transitions at finite temperatures. <i>Physical Review Letters</i> , 2008 , 100, 026408	4-8	34
103	Fluctuating stripes in strongly correlated electron systems and the nematic-smectic quantum phase transition. <i>Physical Review B</i> , 2008 , 78,	3-3	34
102	Theory of the quantum Hall Smectic Phase. I. Low-energy properties of the quantum Hall smectic fixed point. <i>Physical Review B</i> , 2002 , 65,	3-3	34
101	Topological phases and topological entropy of two-dimensional systems with finite correlation length. <i>Physical Review B</i> , 2007 , 76,	3-3	33
100	N-Color Ashkin-Teller Model in Two Dimensions: Solution in the Large-N Limit. <i>Physical Review Letters</i> , 1984 , 53, 1967-1970	7-4	33
99	Chiral spin liquids on the kagome lattice. <i>Physical Review B</i> , 2015 , 92,	3-3	32
98	Quasi-one-dimensional dynamics and nematic phases in the two-dimensional Emery model. <i>Physical Review B</i> , 2004 , 69,	3-3	32
97	Pair density waves in superconducting vortex halos. <i>Physical Review B</i> , 2018 , 97,	3-3	31
96	Chern-Simons theory of magnetization plateaus of the spin-12 quantum XXZ Heisenberg model on the kagome lattice. <i>Physical Review B</i> , 2014 , 90,	3-3	30
95	Physics. Electron nematic phases proliferate. <i>Science</i> , 2010 , 327, 155-6	33-3	30
94	Andreev reflection in the fractional quantum Hall effect. <i>Physical Review B</i> , 1998 , 57, 12324-12332	3-3	30
93	Real-space renormalization-group scheme for spin and gauge systems. <i>Physical Review D</i> , 1979 , 20, 2566-2582	4-9	30
92	Measuring fractional charge and statistics in fractional quantum Hall fluids through noise experiments. <i>Physical Review B</i> , 2006 , 74,	3-3	27
91	Fermion Chern-Simons theory of hierarchical fractional quantum Hall states. <i>Physical Review B</i> , 2004 , 69,	3-3	27
90	Macroscopically Degenerate Exactly Solvable Point in the Spin-1/2 Kagome Quantum Antiferromagnet. <i>Physical Review Letters</i> , 2018 , 120, 117202	7-4	25
89	Scaling of entanglement entropy at 2D quantum Lifshitz fixed points and topological fluids. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2009 , 42, 504011	2	25

88	Physics. Electron nematic phase in a transition metal oxide. <i>Science</i> , 2007 , 315, 196-7	33.3	25
87	Interedge tunneling in quantum Hall line junctions. <i>Physical Review B</i> , 2003 , 67,	3.3	25
86	Measurement of the dynamic charge response of materials using low-energy, momentum-resolved electron energy-loss spectroscopy (M-EELS). <i>SciPost Physics</i> , 2017 , 3,	6.1	24
85	Nematic quantum phase transition of composite Fermi liquids in half-filled Landau levels and their geometric response. <i>Physical Review B</i> , 2016 , 93,	3.3	23
84	Noise measurements and fractional charge in fractional quantum Hall liquids. <i>Physical Review B</i> , 1999 , 59, 12521-12536	3.3	22
83	Chern-Simons theory of the anisotropic quantum Heisenberg antiferromagnet on a square lattice. <i>Physical Review B</i> , 1994 , 49, 15139-15158	3.3	22
82	Superconductivity and localization in the presence of strong spin-orbit scattering. <i>Physical Review Letters</i> , 1986 , 56, 1416-1418	7.4	22
81	Vestigial nematicity from spin and/or charge order in the cuprates. <i>Physical Review B</i> , 2017 , 96,	3.3	21
80	Rényi entropy and the multifractal spectra of systems near the localization transition. <i>Physical Review B</i> , 2012 , 86,	3.3	21
79	Role of nematic fluctuations in the thermal melting of pair-density-wave phases in two-dimensional superconductors. <i>Physical Review B</i> , 2011 , 83,	3.3	20
78	Surface pinning of fluctuating charge order: An extraordinary surface phase transition. <i>Physical Review B</i> , 2005 , 71,	3.3	20
77	Non-commutative Chern-Simons for the quantum Hall system and duality. <i>Nuclear Physics B</i> , 2002 , 642, 483-500	2.8	20
76	Singlet quantum Hall effect and Chern-Simons theories. <i>Physical Review B</i> , 1991 , 43, 10622-10634	3.3	20
75	Localization and correlation effects in itinerant ferromagnets. <i>Physical Review B</i> , 1987 , 35, 6894-6901	3.3	20
74	Quasiparticle interference and strong electron-phonon coupling in the quasi-one-dimensional bands of Sr ₂ RuO ₄ . <i>Nature Physics</i> , 2017 , 13, 799-805	16.2	19
73	Devil's staircases, quantum dimer models, and stripe formation in strong coupling models of quantum frustration. <i>Physical Review B</i> , 2007 , 75,	3.3	19
72	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> , 2001 , 63,	3.3	19
71	Unconventional magnetism in imbalanced Fermi systems with magnetic dipolar interactions. <i>Physical Review B</i> , 2010 , 81,	3.3	18

70	Universal behavior of entanglement in 2D quantum critical dimer models. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2010 , 2010, P09004	1.9	18
69	Composite particle theory of three-dimensional gapped fermionic phases: Fractional topological insulators and charge-loop excitation symmetry. <i>Physical Review B</i> , 2016 , 94,	3.3	18
68	Effective hydrodynamic field theory and condensation picture of topological insulators. <i>Physical Review B</i> , 2016 , 93,	3.3	17
67	Fractional S-duality, classification of fractional topological insulators, and surface topological order. <i>Physical Review B</i> , 2017 , 96,	3.3	17
66	Many-body localization transition in Rokhsar-Kivelson-type wave functions. <i>Physical Review B</i> , 2015 , 92,	3.3	17
65	Pair-density-wave superconducting states and electronic liquid-crystal phases. <i>Physical Review B</i> , 2014 , 89,	3.3	17
64	INTERMEDIATE SYMMETRIES IN ELECTRONIC SYSTEMS: DIMENSIONAL REDUCTION, ORDER OUT OF DISORDER, DUALITIES, AND FRACTIONALIZATION. <i>International Journal of Modern Physics B</i> , 2006 , 20, 5239-5249	1.1	17
63	Enhanced thermoelectric response in the fractional quantum Hall effect. <i>Physical Review B</i> , 2018 , 97,	3.3	16
62	Field theory of nematicity in the spontaneous quantum anomalous Hall effect. <i>Physical Review B</i> , 2013 , 88,	3.3	16
61	Charge-density wave and superconductor competition in stripe phases of high-temperature superconductors. <i>Physical Review B</i> , 2010 , 82,	3.3	16
60	Local density of states of one-dimensional Mott insulators and charge-density wave states with a boundary. <i>Physical Review Letters</i> , 2008 , 101, 086403	7.4	16
59	Cooper-pair tunneling in junctions of singlet quantum Hall States and superconductors. <i>Physical Review Letters</i> , 2004 , 93, 266803	7.4	16
58	Periodic, incommensurate and chaotic states in a continuum statistical mechanics model. <i>Nuclear Physics B</i> , 1983 , 215, 137-168	2.8	16
57	Scaling of entanglement in 2 + 1-dimensional scale-invariant field theories. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2015 , 2015, P02010	1.9	15
56	Quantum Hall smectics, sliding symmetry, and the renormalization group. <i>Physical Review B</i> , 2004 , 70,	3.3	15
55	Theory of the quantum Hall Smectic Phase. II. Microscopic theory. <i>Physical Review B</i> , 2002 , 65,	3.3	15
54	Loop models, modular invariance, and three-dimensional bosonization. <i>Physical Review B</i> , 2018 , 97,	3.3	14
53	Boundary effects on the local density of states of one-dimensional Mott insulators and charge density wave states. <i>Physical Review B</i> , 2011 , 83,	3.3	14

52	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> , 1996 , 383, 434-438	4.3	14
51	Helical spin thermoelectrics controlled by a side-coupled magnetic quantum dot in the quantum spin Hall state. <i>Physical Review B</i> , 2018 , 98,	3.3	14
50	Double point contact in quantum Hall line junctions. <i>Physical Review Letters</i> , 2003 , 91, 156801	7.4	13
49	Quantum spin chains with multiple dynamics. <i>Physical Review B</i> , 2017 , 96,	3.3	12
48	Chiral heat transport in driven quantum Hall and quantum spin Hall edge states. <i>Physical Review B</i> , 2011 , 84,	3.3	12
47	Bosonization of the Kondo problem. <i>Nuclear Physics B</i> , 1989 , 316, 710-734	2.8	12
46	Dirac composite fermions and emergent reflection symmetry about even-denominator filling fractions. <i>Physical Review B</i> , 2018 , 98,	3.3	12
45	Topological pair-density-wave superconducting states. <i>Physical Review Letters</i> , 2014 , 113, 256405	7.4	11
44	Heat transport through quantum Hall edge states: Tunneling versus capacitive coupling to reservoirs. <i>Physical Review B</i> , 2013 , 88,	3.3	11
43	Bosonization rules in $12 + 1$ dimensions. <i>Nuclear Physics B</i> , 1995 , 450, 603-640	2.8	11
42	Complete bosonization of two-dimensional QCD in the path-integral framework. <i>Physical Review D</i> , 1987 , 36, 3809-3812	4.9	11
41	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> , 2016 , 2016, 093101	1.9	11
40	Disorder Operators and Their Descendants. <i>Journal of Statistical Physics</i> , 2017 , 167, 427-461	1.5	10
39	Higgs modes in the pair density wave superconducting state. <i>Physical Review B</i> , 2017 , 95,	3.3	10
38	Discretized Abelian Chern-Simons gauge theory on arbitrary graphs. <i>Physical Review B</i> , 2015 , 92,	3.3	10
37	Landau-Ginzburg theories of non-Abelian quantum Hall states from non-Abelian bosonization. <i>Physical Review B</i> , 2019 , 100,	3.3	9
36	Two-cylinder entanglement entropy under a twist. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2017 , 2017, 043104	1.9	9
35	Antiferromagnetic spin ladders effectively coupled by one-dimensional electron liquids. <i>Physical Review Letters</i> , 2001 , 86, 1865-8	7.4	9

34	Numerical evidence for a chiral spin liquid in the XXZ antiferromagnetic Heisenberg model on the kagome lattice at $m=2/3$ magnetization. <i>Physical Review B</i> , 2016 , 94,	3-3	9
33	Dynamical stability of the quantum Lifshitz theory in 2+1 dimensions. <i>Physical Review B</i> , 2013 , 87,	3-3	8
32	Magnetization of the Coqblin-Schrieffer model in the large-N limit at nonzero field. <i>Physical Review B</i> , 1986 , 34, 8172-8175	3-3	8
31	Localization and interactions in a disordered electron gas. <i>Physical Review B</i> , 1983 , 28, 2990-3006	3-3	8
30	Reexamination of the effective fine structure constant of graphene as measured in graphite. <i>Physical Review B</i> , 2016 , 93,	3-3	7
29	Conformal properties of the Kondo models. <i>Nuclear Physics B</i> , 1990 , 340, 692-702	2.8	7
28	Chern-Simons composite fermion theory of fractional Chern insulators. <i>Physical Review B</i> , 2018 , 97,	3-3	6
27	Superfluidity of the Lattice Anyon Gas. <i>International Journal of Modern Physics B</i> , 1989 , 03, 1965-1995	1.1	6
26	Symmetric-gapped surface states of fractional topological insulators. <i>Physical Review B</i> , 2017 , 96,	3-3	5
25	Inhomogeneous superconducting phases in the frustrated Kondo-Heisenberg chain. <i>Physical Review B</i> , 2013 , 87,	3-3	5
24	Fractional Statistics and Duality: Strong Tunneling Behavior of Edge States of Quantum Hall Liquids in the Jain Sequence. <i>Physical Review Letters</i> , 2007 , 98,	7-4	5
23	Ground states of infinite-range spin-1/2 quantum Heisenberg antiferromagnets. <i>Physical Review B</i> , 1989 , 40, 11177-11184	3-3	5
22	Boson-Fermion duality in a gravitational background. <i>Annals of Physics</i> , 2018 , 399, 1-25	2.5	5
21	Pair-Density-Wave Order and Paired Fractional Quantum Hall Fluids. <i>Physical Review X</i> , 2019 , 9,	9-1	4
20	Scrambling in the quantum Lifshitz model. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2018 , 2018, 063102	1.9	4
19	Quasi-one-dimensional pair density wave superconducting state. <i>Physical Review B</i> , 2015 , 91,	3-3	4
18	Ising nematic fluid phase of hard-core dimers on the square lattice. <i>Physical Review B</i> , 2014 , 89,	3-3	4
17	Gauge-invariant spin glasses. <i>Physical Review B</i> , 1986 , 34, 301-305	3-3	4

16	Constrained Fermi systems and Virasoro algebras. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1988 , 200, 95-97	4.2	4
15	Bosonization of fermions coupled to topologically massive gravity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 730, 284-287	4.2	3
14	Electronic Liquid Crystal Phases in Strongly Correlated Systems. <i>Lecture Notes in Physics</i> , 2012 , 53-116	0.8	3
13	FERMIONIC CHERN-SIMONS FIELD THEORY FOR THE FRACTIONAL HALL EFFECT 1998 , 195-253		3
12	Equivalence of the path-integral theory of spinning particles and the topological nonlinear sigma model in d=2 dimensions. <i>Physical Review D</i> , 1992 , 45, 595-604	4.9	3
11	Bosonization of Fermi liquids in a weak magnetic field. <i>Physical Review B</i> , 2018 , 98,	3.3	3
10	Intertwined order in fractional Chern insulators from finite-momentum pairing of composite fermions. <i>Physical Review B</i> , 2020 , 101,	3.3	2
9	The electron many-body problem in graphene. <i>Physica Scripta</i> , 2012 , T146, 014014	2.6	2
8	Fractional quantum Hall junctions and two-channel Kondo models. <i>Physical Review B</i> , 2001 , 63,	3.3	2
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6	The parity anomaly in condensed matter physics. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1987 , 1, 175-183		2
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