

Alexei M Tsvelik

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.

177
papers

6,237
citations

41
h-index

74
g-index

185
ext. papers

6,864
ext. citations

5
avg, IF

6.03
L-index

#	Paper	IF	Citations
177	Nuclear Matter in 1 + 1 Dimensions. <i>Universe</i> , 2021 , 7, 411	2.5	
176	Dimerization and spin decoupling in a two-leg Heisenberg ladder with frustrated trimer rungs. <i>Physical Review B</i> , 2021 , 103,	3.3	1
175	Dual Orbital Degeneracy Lifting in a Strongly Correlated Electron System. <i>Physical Review Letters</i> , 2021 , 126, 186402	7.4	1
174	Real-Frequency Response Functions at Finite Temperature. <i>Physical Review Letters</i> , 2021 , 127, 026403	7.4	0
173	The Lifshitz Regime and its Experimental Signals. <i>Nuclear Physics A</i> , 2021 , 1005, 121910	1.3	4
172	Topological Phase Transition and Phonon-Space Dirac Topology Surfaces in ZrTe ₅ . <i>Physical Review Letters</i> , 2021 , 126, 016401	7.4	5
171	Time-reversal symmetry breaking in the Fe-chalcogenide superconductors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	6
170	Spin magnetometry as a probe of stripe superconductivity in twisted bilayer graphene. <i>Physical Review B</i> , 2020 , 102,	3.3	9
169	How transverse thermal fluctuations disorder a condensate of chiral spirals into a quantum spin liquid. <i>Physical Review D</i> , 2020 , 102,	4.9	9
168	Transport in magnetically doped one-dimensional wires: can the helical protection emerge without the global helicity?. <i>New Journal of Physics</i> , 2020 , 22, 053013	2.9	1
167	How magnetic field can transform a superconductor into a Bose metal. <i>New Journal of Physics</i> , 2020 , 22, 103021	2.9	4
166	Simulating Exotic Phases of Matter with Bond-Directed Interactions with Arrays of Majorana-Cooper Pair Boxes. <i>Physical Review Letters</i> , 2020 , 125, 197202	7.4	0
165	Signatures of multiple charge excitations in resonant inelastic x-ray scattering spectra of metals. <i>Physical Review B</i> , 2020 , 102,	3.3	1
164	Physics of arbitrarily doped Kondo lattices: From a commensurate insulator to a heavy Luttinger liquid and a protected helical metal. <i>Physical Review B</i> , 2019 , 100,	3.3	2
163	Model of spin liquids with and without time-reversal symmetry. <i>Physical Review B</i> , 2019 , 99,	3.3	1
162	Superconductor-metal transition in odd-frequency-paired superconductor in a magnetic field. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 12729-12732	11.5	4
161	Tuning from failed superconductor to failed insulator with magnetic field. <i>Science Advances</i> , 2019 , 5, eaav7686	14.3	12

160	Fluctuations in cool quark matter and the phase diagram of quantum chromodynamics. <i>Physical Review D</i> , 2019 , 99,	4.9	15
159	Spinon confinement and a sharp longitudinal mode in YbPtPb in magnetic fields. <i>Nature Communications</i> , 2019 , 10, 1123	17.4	16
158	A Pedagogical Introduction to the Lifshitz Regime. <i>Universe</i> , 2019 , 5, 48	2.5	3
157	Tomonaga-Luttinger liquid behavior and spinon confinement in YbAlO. <i>Nature Communications</i> , 2019 , 10, 698	17.4	27
156	Ladderlike optical conductivity in the spin-fermion model. <i>Physical Review B</i> , 2019 , 99,	3.3	1
155	Anomalies in the pseudogap phase of the cuprates: competing ground states and the role of umklapp scattering. <i>Reports on Progress in Physics</i> , 2019 , 82, 126501	14.4	21
154	Resonant inelastic x-ray scattering in metals: A diagrammatic approach. <i>Physical Review Research</i> , 2019 , 1,	3.9	1
153	Quantum Liquid with Strong Orbital Fluctuations: The Case of a Pyroxene Family. <i>Physical Review Letters</i> , 2019 , 123, 237204	7.4	3
152	Nontopological Majorana Zero Modes in Inhomogeneous Spin Ladders. <i>Physical Review Letters</i> , 2019 , 122, 027201	7.4	7
151	Three-Dimensional Non-Fermi-Liquid Behavior from One-Dimensional Quantum Critical Local Moments. <i>Physical Review Letters</i> , 2018 , 120, 156404	7.4	3
150	Unified phase diagram of antiferromagnetic SU(N) spin ladders. <i>Physical Review B</i> , 2018 , 98,	3.3	14
149	Local quantum phase transition in YFeAl. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 6995-6999	11.5	3
148	Renormalization group analysis for the quasi-one-dimensional superconductor BaFe2S3. <i>Physical Review B</i> , 2018 , 98,	3.3	6
147	Chiral lattice supersolid on edges of quantum spin Hall samples. <i>Physical Review B</i> , 2018 , 98,	3.3	3
146	Multipoint Green's functions in 1 + 1 dimensional integrable quantum field theories. <i>Nuclear Physics B</i> , 2017 , 917, 122-153	2.8	1
145	Quantum critical point revisited by dynamical mean-field theory. <i>Physical Review B</i> , 2017 , 95,	3.3	6
144	Ladder physics in the spin fermion model. <i>Physical Review B</i> , 2017 , 95,	3.3	15
143	Lattice spin models for non-Abelian chiral spin liquids. <i>Physical Review B</i> , 2017 , 95,	3.3	17

142	New developments in the theoretical treatment of low dimensional strongly correlated systems. <i>Reports on Progress in Physics</i> , 2017 ,	14.4	38
141	Skyrme Insulators: Insulators at the Brink of Superconductivity. <i>Physical Review Letters</i> , 2017 , 119, 057603	7.4	46
140	Umklapp scattering as the origin of T-linear resistivity in the normal state of high-T _c cuprate superconductors. <i>Physical Review B</i> , 2017 , 96,	3.3	9
139	Chiral Spin Order in Kondo-Heisenberg Systems. <i>Physical Review Letters</i> , 2017 , 119, 247203	7.4	7
138	Model of chiral spin liquids with Abelian and non-Abelian topological phases. <i>Physical Review B</i> , 2017 , 96,	3.3	9
137	Heisenberg necklace model in a magnetic field. <i>Physical Review B</i> , 2016 , 94,	3.3	6
136	Universality classes of order parameters composed of many-body bound states. <i>Physical Review B</i> , 2016 , 94,	3.3	1
135	Kondo physics from quasiparticle poisoning in Majorana devices. <i>Physical Review B</i> , 2016 , 93,	3.3	16
134	Probing strong correlations with light scattering: Example of the quantum Ising model. <i>Physical Review B</i> , 2016 , 94,	3.3	3
133	Low energy properties of the Kondo chain in the RKKY regime. <i>New Journal of Physics</i> , 2016 , 18, 053004	2.9	8
132	Orbital-exchange and fractional quantum number excitations in an f-electron metal, YbPtBb. <i>Science</i> , 2016 , 352, 1206-10	33.3	44
131	Fractionalized Fermi liquid in a Kondo-Heisenberg model. <i>Physical Review B</i> , 2016 , 94,	3.3	9
130	Particle formation and ordering in strongly correlated fermionic systems: Solving a model of quantum chromodynamics. <i>Physical Review D</i> , 2016 , 94,	4.9	10
129	Spin-liquid polymorphism in a correlated electron system on the threshold of superconductivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 10316-20	11.5	23
128	Two-leg SU(2n) spin ladder: A low-energy effective field theory approach. <i>Physical Review B</i> , 2015 , 91,	3.3	9
127	Unpaired Majorana Modes in Josephson-Junction Arrays with Gapless Bulk Excitations. <i>Physical Review Letters</i> , 2015 , 115, 197001	7.4	9
126	Quantum Phase Transition and Protected Ideal Transport in a Kondo Chain. <i>Physical Review Letters</i> , 2015 , 115, 216402	7.4	11
125	Studying the perturbed Wess-Zumino-Novikov-Witten SU(2) theory using the truncated conformal spectrum approach. <i>Nuclear Physics B</i> , 2015 , 899, 547-569	2.8	16

124	Composite charge order in the pseudogap region of the cuprates. <i>Physical Review B</i> , 2014 , 89,	3.3	29
123	Multichannel Kondo impurity dynamics in a Majorana device. <i>Physical Review Letters</i> , 2014 , 113, 076401	7.4	61
122	Charge-density wave and one-dimensional electronic spectra in blue bronze: Incoherent solitons and spin-charge separation. <i>Physical Review B</i> , 2014 , 89,	3.3	10
121	Topological Kondo effect in star junctions of Ising magnetic chains: exact solution. <i>New Journal of Physics</i> , 2014 , 16, 033003	2.9	14
120	Bethe ansatz solution of the topological Kondo model. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2014 , 47, 265001	2	23
119	Integrable model with parafermion zero energy modes. <i>Physical Review Letters</i> , 2014 , 113, 066401	7.4	14
118	Quantum critical fluctuations in layered YFe ₂ Al ₁₀ . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 14088-93	11.5	20
117	Ferromagnetic exchange anisotropy from antiferromagnetic superexchange in the mixed 3d-5d transition-metal compound Sr ₃ CuIrO ₆ . <i>Physical Review Letters</i> , 2013 , 111, 057202	7.4	32
116	Majorana fermion realization of a two-channel Kondo effect in a junction of three quantum Ising chains. <i>Physical Review Letters</i> , 2013 , 110, 147202	7.4	48
115	Analytically tractable model of bad metals. <i>Physical Review B</i> , 2013 , 87,	3.3	7
114	Possible realization of a multichannel Kondo model in a system of magnetic chains. <i>Physical Review B</i> , 2013 , 88,	3.3	9
113	Local structural evidence for strong electronic correlations in spinel LiRh ₂ O ₄ . <i>Physical Review B</i> , 2013 , 88,	3.3	15
112	Symmetric and asymmetric excitations of a strong-leg quantum spin ladder. <i>Physical Review B</i> , 2013 , 88,	3.3	29
111	Testing the validity of the strong spin-orbit-coupling limit for octahedrally coordinated iridate compounds in a model system Sr ₃ CuIrO ₆ . <i>Physical Review Letters</i> , 2012 , 109, 157401	7.4	74
110	Riding a wild horse: Majorana fermions interacting with solitons of fast bosonic fields. <i>Europhysics Letters</i> , 2012 , 97, 17011	1.6	7
109	Finite wave vector pairing in doped two-leg ladders. <i>Physical Review B</i> , 2012 , 85,	3.3	14
108	Parafermion excitations in a superfluid of quasi-molecular chains. <i>New Journal of Physics</i> , 2012 , 14, 115033	3.3	11
107	YbAlB ₄ : a critical nodal metal. <i>Physical Review Letters</i> , 2012 , 109, 176404	7.4	45

106	Unconventional temperature enhanced magnetism in Fe _{1.1} Te. <i>Physical Review Letters</i> , 2011 , 107, 216403.4	7.4	72
105	Zero-energy Majorana modes in spin ladders and a possible realization of the Kitaev model. <i>Europhysics Letters</i> , 2011 , 96, 17002	1.6	3
104	Field theory for a fermionic ladder with generic intrachain interactions. <i>Physical Review B</i> , 2011 , 83,	3.3	19
103	Confinement of fractional quantum number particles in a condensed-matter system. <i>Nature Physics</i> , 2010 , 6, 50-55	16.2	85
102	Superconductivity generated by coupling to a cooperon in a two-dimensional array of four-leg Hubbard ladders. <i>Physical Review B</i> , 2010 , 82,	3.3	11
101	Effects of thermal phase fluctuations in a two-dimensional superconductor: an exact result for the spectral function. <i>Physical Review Letters</i> , 2010 , 105, 027002	7.4	3
100	Covering the Fermi surface with patches of quarkyonic chiral spirals. <i>Physical Review D</i> , 2010 , 82,	4.9	44
99	On the spin-liquid phase of one-dimensional spin-1 bosons. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2009 , 2009, P02027	1.9	19
98	Twist instability in strongly correlated carbon nanotubes. <i>Physical Review Letters</i> , 2008 , 101, 246802	7.4	14
97	Midgap states in corrugated graphene: Ab initio calculations and effective field theory. <i>Europhysics Letters</i> , 2008 , 84, 17003	1.6	93
96	Friedel oscillations of density of states in a one-dimensional Mott insulator and incommensurate charge-density wave or superconductor. <i>Physical Review B</i> , 2008 , 77,	3.3	4
95	Modeling magnetic fluctuations in the stripe ordered state. <i>Physical Review B</i> , 2008 , 78,	3.3	13
94	Spin-liquid model of the sharp drop in resistivity in superconducting La _{1.85} Ba _{0.125} CuO ₄ . <i>Physical Review B</i> , 2007 , 76,	3.3	12
93	Two-dimensional superconducting fluctuations in stripe-ordered La _{1.875} Ba _{0.125} CuO ₄ . <i>Physical Review Letters</i> , 2007 , 99, 067001	7.4	237
92	Phenomenological theory of the underdoped phase of a high-T _c superconductor. <i>Physical Review Letters</i> , 2007 , 98, 237001	7.4	19
91	Spontaneous symmetry breaking in graphene subjected to an in-plane magnetic field. <i>Physical Review B</i> , 2007 , 76,	3.3	98
90	Finite-temperature correlation function for the one-dimensional quantum Ising model: The virial expansion. <i>Physical Review B</i> , 2006 , 73,	3.3	13
89	Self-energy of a nodal fermion in a d-wave superconductor. <i>Physical Review B</i> , 2006 , 73,	3.3	6

88	Doped spin liquid: Luttinger sum rule and low temperature order. <i>Physical Review Letters</i> , 2006 , 96, 086404	4.7	65
87	Paperclip at. <i>Nuclear Physics B</i> , 2005 , 719, 103-120	2.8	13
86	Theory of hybrid state in a metal with a small Fermi surface and strong collective excitations. <i>Physical Review B</i> , 2005 , 71,	3.3	19
85	Crossed spin-1/2 heisenberg chains as a quantum impurity problem. <i>Physical Review Letters</i> , 2005 , 95, 186404	7.4	4
84	Excitation spectrum of doped two-leg ladders: A field theory analysis. <i>Physical Review B</i> , 2005 , 72,	3.3	28
83	ASPECTS OF CONFINEMENT IN LOW DIMENSIONS 2005 , 661-683		2
82	LOGARITHMIC OPERATORS AND HIDDEN CONTINUOUS SYMMETRY IN CRITICAL DISORDERED MODELS 2005 , 2223-2245		
81	Confinement and deconfinement of spinons in a frustrated spin-12 Heisenberg model. <i>Physical Review B</i> , 2004 , 70,	3.3	11
80	A Superconductor-Insulator Transition in a One-Dimensional Array of Josephson Junctions. <i>Journal of Low Temperature Physics</i> , 2004 , 135, 245-255	1.3	7
79	Dynamical Response of Quasi 1D Mott Insulators. <i>Annales Henri Poincare</i> , 2003 , 4, 589-608	1.2	3
78	Spinons in more than one dimension: Resonance valence bond state stabilized by frustration. <i>Physical Review B</i> , 2003 , 67,	3.3	77
77	Spectrum and correlation functions of a quasi-one-dimensional quantum Ising model. <i>Physical Review Letters</i> , 2003 , 90, 177206	7.4	19
76	Model with propagating spinons beyond one dimension. <i>Physical Review B</i> , 2003 , 68,	3.3	3
75	Analytical results for the Coqblin-Schrieffer model with generalized magnetic fields. <i>Physical Review B</i> , 2003 , 68,	3.3	17
74	Coulomb blockade regime of a single-wall carbon nanotube. <i>Physical Review B</i> , 2003 , 68,	3.3	28
73	Finite temperature spectral function of Mott insulators and charge density wave states. <i>Physical Review Letters</i> , 2003 , 90, 126401	7.4	36
72	SU(N) evolution of a frustrated spin ladder. <i>Physical Review B</i> , 2003 , 68,	3.3	7
71	Dynamical Response of Quasi 1D Mott Insulators 2003 , 589-608		

70	Quantum Field Theory in Condensed Matter Physics 2003 ,		146
69	Spectral function of a quarter-filled one-dimensional charge density wave insulator. <i>Physical Review Letters</i> , 2002 , 88, 096403	7.4	21
68	Superconductivity and charge-density waves in a quasi-one-dimensional spin-gap system. <i>Physical Review B</i> , 2002 , 65,	3.3	39
67	Thermodynamics of double-layer quantum Hall systems. <i>Physical Review B</i> , 2002 , 66,	3.3	2
66	Weakly coupled one-dimensional Mott insulators. <i>Physical Review B</i> , 2002 , 65,	3.3	92
65	A PERSONAL VIEW ON PERSPECTIVES OF CONDENSED MATTER THEORY. <i>International Journal of Modern Physics B</i> , 2001 , 15, 1326-1328	1.1	
64	Finite-temperature dynamical magnetic susceptibility of quasi-one-dimensional frustrated spin-1/2 Heisenberg antiferromagnets. <i>Physical Review B</i> , 2001 , 64,	3.3	85
63	One-dimensional electron gas interacting with a Heisenberg spin-1/2 chain. <i>Physical Review B</i> , 2001 , 64,	3.3	24
62	Optical conductivity of one-dimensional Mott insulators. <i>Physical Review Letters</i> , 2001 , 86, 680-3	7.4	50
61	Experimental realization of a 2D fractional quantum spin liquid. <i>Physical Review Letters</i> , 2001 , 86, 1335-87.4	7.4	301
60	A mechanism for ferrimagnetism and incommensurability in one-dimensional systems. <i>Nuclear Physics B</i> , 2001 , 612, 479-491	2.8	7
59	Disordered Dirac fermions: the marriage of three different approaches. <i>Nuclear Physics B</i> , 2001 , 618, 465-499	2.8	39
58	Dynamical Properties of One Dimensional Mott Insulators 2001 , 25-46		1
57	LOGARITHMIC OPERATORS IN THE THEORY OF PLATEAU TRANSITION. <i>Modern Physics Letters A</i> , 2000 , 15, 931-937	1.3	24
56	Exactly solvable Ginzburg-Landau theories of superconducting order parameters coupled to elastic modes. <i>Physical Review B</i> , 2000 , 62, 9654-9662	3.3	1
55	Supersymmetric spin operators. <i>Physical Review B</i> , 2000 , 62, 3852-3868	3.3	31
54	Azaria et al. Reply:. <i>Physical Review Letters</i> , 2000 , 85, 3331-3331	7.4	4
53	Energy level dynamics in systems with weakly multifractal eigenstates: Equivalence to one-dimensional correlated fermions at low temperatures. <i>Physical Review B</i> , 2000 , 62, 9888-9891	3.3	38

52	Towards a field theory of the plateau transitions in the integer quantum Hall effect. <i>Nuclear Physics B</i> , 2000 , 580, 688-720	2.8	66
51	Spectral properties of the one-dimensional two-channel Kondo lattice model. <i>Physical Review B</i> , 2000 , 61, 15538-15541	3.3	4
50	Co-operative Kondo effect in the two-channel Kondo lattice. <i>Physical Review B</i> , 1999 , 60, 3608-3628	3.3	29
49	Information about the Integer Quantum Hall Transition Extracted from the Autocorrelation Function of Spectral Determinants. <i>Physical Review Letters</i> , 1999 , 82, 3689-3692	7.4	11
48	Realization of Haldane's Exclusion Statistics in a Model of Electron-Phonon Interactions. <i>Physical Review Letters</i> , 1999 , 82, 3859-3862	7.4	4
47	Exact results for thermodynamics of the classical field theories: Sine-Gordon and sinh-Gordon models. <i>Physical Review B</i> , 1999 , 60, 12752-12757	3.3	5
46	Zero-modes and thermodynamics of disordered ladders. <i>Nuclear Physics B</i> , 1999 , 540, 705-730	2.8	16
45	Coupled ladders in a magnetic field. <i>Physical Review B</i> , 1999 , 59, 11398-11407	3.3	300
44	Kagom[Lattice Antiferromagnet Stripped to Its Basics. <i>Physical Review Letters</i> , 1998 , 81, 1694-1697	7.4	42
43	A Chern-Simons effective field theory for the Pfaffian quantum Hall state. <i>Nuclear Physics B</i> , 1998 , 516, 704-718	2.8	194
42	Disordered Dirac fermions: Multifractality termination and logarithmic conformal field theories. <i>Nuclear Physics B</i> , 1998 , 525, 671-696	2.8	32
41	Co-operative two-channel Kondo effect. <i>Journal of Physics Condensed Matter</i> , 1998 , 10, L239-L245	1.8	4
40	Doping of a Spin-1 Chain: An Integrable Model. <i>Physical Review Letters</i> , 1998 , 81, 2116-2119	7.4	27
39	Local moments in an interacting environment. <i>Physical Review B</i> , 1998 , 57, 12757-12762	3.3	12
38	Effective theory for midgap states in doped spin-ladder and spin-Peierls systems: Liouville quantum mechanics. <i>Physical Review B</i> , 1998 , 57, 14242-14246	3.3	39
37	Dynamical magnetic susceptibilities in copper benzoate. <i>Physical Review B</i> , 1998 , 57, 10592-10597	3.3	55
36	Termination of Multifractal behavior for Critical Disordered Dirac Fermions. <i>Physical Review Letters</i> , 1998 , 80, 1276-1279	7.4	38
35	NonFermi-liquid scaling in UCu 5 [k Pd x (x = 1,1.5): A phenomenological description. <i>Europhysics Letters</i> , 1997 , 40, 245-250	1.6	16

34	Reflections on the one-dimensional realization of odd-frequency pairing. <i>Journal of Physics Condensed Matter</i> , 1997 , 9, 345-356	1.8	32
33	One-Dimensional Spin-Liquid without Magnon Excitations [Phys. Rev. Lett. 78, 3939 (1997)]. <i>Physical Review Letters</i> , 1997 , 79, 1171-1171	7.4	11
32	One-Dimensional Spin-Liquid without Magnon Excitations. <i>Physical Review Letters</i> , 1997 , 78, 3939-3942	7.4	143
31	Comment on Nonzero Fermi Level Density of States for a Disordered d-Wave Superconductor in Two Dimensions. <i>Physical Review Letters</i> , 1997 , 78, 3981-3981	7.4	15
30	Quasi-one-dimensional spin-1/2 Heisenberg magnets in their ordered phase: Correlation functions. <i>Physical Review B</i> , 1997 , 56, 11001-11013	3.3	70
29	One-dimensional Kondo lattice model as a Tomonaga-Luttinger liquid. <i>Physical Review B</i> , 1997 , 56, 330-334	3.3	29
28	Logarithmic operators and dynamical extension of the symmetry group in the bosonic SU(2) ₀ and SUSY SU(2) ₂ WZNW models. <i>Nuclear Physics B</i> , 1997 , 489, 469-484	2.8	46
27	How should we interpret the two transport relaxation times in the cuprates?. <i>Journal of Physics Condensed Matter</i> , 1996 , 8, 9985-10015	1.8	35
26	Non-Fermi-liquid scaling in ($\nu = 1, 1.5$). <i>Journal of Physics Condensed Matter</i> , 1996 , 8, 9815-9823	1.8	20
25	Logarithmic operators and hidden continuous symmetry in critical disordered models. <i>Nuclear Physics B</i> , 1996 , 466, 444-462	2.8	136
24	Antiferromagnetic spin ladders: Crossover between spin $S=1/2$ and $S=1$ chains. <i>Physical Review B</i> , 1996 , 53, 8521-8532	3.3	311
23	Skyrmion liquid in SU(2)-invariant quantum Hall systems. <i>Physical Review B</i> , 1996 , 53, 6981-6983	3.3	6
22	Phenomenological transport equation for the cuprate metals. <i>Physical Review Letters</i> , 1996 , 76, 1324-1327	7.4	52
21	Skyrmions in the quantum Hall effect at finite Zeeman coupling. <i>Physical Review B</i> , 1996 , 54, 16838-16849	3.3	16
20	Superconductivity in a spin liquid: A one-dimensional example. <i>Physical Review B</i> , 1996 , 53, 14036-14039	3.3	26
19	Liouville Theory as a Model for Prelocalized States in Disordered Conductors. <i>Physical Review Letters</i> , 1996 , 77, 707-710	7.4	76
18	Exactly solvable model of fermions with disorder. <i>Physical Review B</i> , 1995 , 51, 9449-9454	3.3	20
17	Toulouse limit of the multichannel Kondo model. <i>Physical Review B</i> , 1995 , 52, 4366-4370	3.3	17

16	Anisotropic spin-1/2 Heisenberg chain with open boundary conditions. <i>Physical Review B</i> , 1995 , 52, 3067-3070	3.3	31
15	Measurement of the spin-excitation continuum in one-dimensional KCuF3 using neutron scattering. <i>Physical Review B</i> , 1995 , 52, 13368-13380	3.3	116
14	Disorder effects in two-dimensional Fermi systems with conical spectrum: exact results for the density of states. <i>Nuclear Physics B</i> , 1995 , 438, 561-588	2.8	127
13	Simple formulation of the two-channel Kondo model. <i>Physical Review B</i> , 1995 , 52, 6611-6627	3.3	90
12	Semiclassical solution of one dimensional model of Kondo insulator. <i>Physical Review Letters</i> , 1994 , 72, 1048-1051	7.4	64
11	Disorder effects in two-dimensional d-wave superconductors. <i>Physical Review Letters</i> , 1994 , 72, 2628-2634	7.4	185
10	Phenomenological theory of non-Fermi-liquid heavy-fermion alloys. <i>Physical Review B</i> , 1993 , 48, 9887-9889	3.3	130
9	Spin dynamics of a Heisenberg antiferromagnetic chain. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1993 , 194, 280-287	3.3	3
8	New fermionic description of quantum spin liquid state. <i>Physical Review Letters</i> , 1992 , 69, 2142-2144	7.4	51
7	Influence of quenched disorder on commensurate-incommensurate transition: Exact results. <i>Physical Review Letters</i> , 1992 , 68, 3889-3891	7.4	13
6	Spectrum of magnetic excitations in the spin-Peierls state. <i>Physical Review B</i> , 1992 , 45, 486-488	3.3	26
5	Observation of non-Fermi-liquid behavior in U _{0.2} Y _{0.8} Pd ₃ . <i>Physical Review Letters</i> , 1991 , 67, 2886-2889	7.4	291
4	(1+1)-dimensional O(3) nonlinear sigma model in a magnetic field: Magnetization and effective potential. <i>Physical Review B</i> , 1991 , 44, 9385-9391	3.3	8
3	Incommensurate phases of quantum one-dimensional magnetics. <i>Physical Review B</i> , 1990 , 42, 779-785	3.3	49
2	Field-theory treatment of the Heisenberg spin-1 chain. <i>Physical Review B</i> , 1990 , 42, 10499-10504	3.3	129
1	On the Renormalization of Collective Excitations in Intermediate Valence Metals. <i>Physica Status Solidi (B): Basic Research</i> , 1979 , 93, 817-822	1.3	1