

Subir Sachdev

List of Publications by Year in descending order

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437
papers

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2215

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449
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449
docs citations

449
times ranked

11834
citing authors

#	ARTICLE	IF	CITATIONS
1	Gapless spin-fluid ground state in a random quantum Heisenberg magnet. Physical Review Letters, 1993, 70, 3339-3342.	7.8	1,261
2	Deconfined Quantum Critical Points. Science, 2004, 303, 1490-1494.	12.6	1,068
3	Large-N-expansion for frustrated quantum antiferromagnets. Physical Review Letters, 1991, 66, 1773-1776.	7.8	714
4	Quantum criticality beyond the Landau-Ginzburg-Wilson paradigm. Physical Review B, 2004, 70, .	3.2	621
5	Kagome- and triangular-lattice Heisenberg antiferromagnets: Ordering from quantum fluctuations and quantum-disordered ground states with unconfined bosonic spinons. Physical Review B, 1992, 45, 12377-12396.	3.2	583
6	Valence-bond and spin-Peierls ground states of low-dimensional quantum antiferromagnets. Physical Review Letters, 1989, 62, 1694-1697.	7.8	569
7	Observation of the Dirac fluid and the breakdown of the Wiedemann-Franz law in graphene. Science, 2016, 351, 1058-1061.	12.6	491
8	Theory of the Nernst effect near quantum phase transitions in condensed matter and in dyonic black holes. Physical Review B, 2007, 76, .	3.2	460
9	Quantum phases of matter on a 256-atom programmable quantum simulator. Nature, 2021, 595, 227-232.	27.8	458
10	Quantum phase transitions. Physics World, 1999, 12, 33-38.	0.0	449
11	Weak magnetism and non-Fermi liquids near heavy-fermion critical points. Physical Review B, 2004, 69, .	3.2	440
12	Ising and spin orders in the iron-based superconductors. Physical Review B, 2008, 78, .	3.2	434
13	Bond-operator representation of quantum spins: Mean-field theory of frustrated quantum Heisenberg antiferromagnets. Physical Review B, 1990, 41, 9323-9329.	3.2	426
14	Spin-Peierls, valence-bond solid, and Néel ground states of low-dimensional quantum antiferromagnets. Physical Review B, 1990, 42, 4568-4589.	3.2	425
15	Theory of two-dimensional quantum Heisenberg antiferromagnets with a nearly critical ground state. Physical Review B, 1994, 49, 11919-11961.	3.2	381
16	Quantum magnetism and criticality. Nature Physics, 2008, 4, 173-185.	16.7	377
17	Quantum Criticality: Competing Ground States in Low Dimensions. Science, 2000, 288, 475-480.	12.6	374
18	Radiation-Induced Magnetoresistance Oscillations in a 2D Electron Gas. Physical Review Letters, 2003, 91, 086803.	7.8	354

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19	Quantum phase transitions of metals in two spatial dimensions. II. Spin density wave order. Physical Review B, 2010, 82, .	3.2	352
20	Fractionalized Fermi Liquids. Physical Review Letters, 2003, 90, 216403.	7.8	337
21	Colloquium: Order and quantum phase transitions in the cuprate superconductors. Reviews of Modern Physics, 2003, 75, 913-932.	45.6	321
22	Quantum criticality. Physics Today, 2011, 64, 29-35.	0.3	310
23	Quantum phase transitions of metals in two spatial dimensions. I. Ising-nematic order. Physical Review B, 2010, 82, .	3.2	307
24	Bekenstein-Hawking Entropy and Strange Metals. Physical Review X, 2015, 5, .	8.9	306
25	Hidden Fermi surfaces in compressible states of gauge-gravity duality. Physical Review B, 2012, 85, .	3.2	304
26	Quantum Kibble-Zurek mechanism and critical dynamics on a programmable Rydberg simulator. Nature, 2019, 568, 207-211.	27.8	298
27	Probing topological spin liquids on a programmable quantum simulator. Science, 2021, 374, 1242-1247.	12.6	293
28	Thermoelectric transport in disordered metals without quasiparticles: The Sachdev-Ye-Kitaev models and holography. Physical Review B, 2017, 95, .	3.2	289
29	Quantum critical transport in clean graphene. Physical Review B, 2008, 78, .	3.2	277
30	Inelastic scattering and pair breaking in anisotropic and isotropic superconductors. Physical Review B, 1988, 37, 4975-4986.	3.2	275
31	Holographic Metals and the Fractionalized Fermi Liquid. Physical Review Letters, 2010, 105, 151602.	7.8	272
32	Nonzero-temperature transport near quantum critical points. Physical Review B, 1997, 56, 8714-8733.	3.2	256
33	Quench dynamics across quantum critical points. Physical Review A, 2004, 69, .	2.5	245
34	Theory of the Structure Factor of Metallic Glasses. Physical Review Letters, 1984, 53, 1947-1950.	7.8	239
35	Some features of the phase diagram of the square lattice SU(N) antiferromagnet. Nuclear Physics B, 1989, 316, 609-640.	2.5	239
36	Spin-Ordering Quantum Transitions of Superconductors in a Magnetic Field. Physical Review Letters, 2001, 87, 067202.	7.8	231

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37	LARGE N EXPANSION FOR FRUSTRATED AND DOPED QUANTUM ANTIFERROMAGNETS. International Journal of Modern Physics B, 1991, 05, 219-249.	2.0	229
38	Universal quantum-critical dynamics of two-dimensional antiferromagnets. Physical Review Letters, 1992, 69, 2411-2414.	7.8	227
39	Cooper pairing in non-Fermi liquids. Physical Review B, 2015, 91, .	3.2	215
40	Quantum critical transport, duality, and M theory. Physical Review D, 2007, 75, .	4.7	214
41	Order in metallic glasses and icosahedral crystals. Physical Review B, 1985, 32, 4592-4606.	3.2	207
42	Conservation laws, anisotropy, and $\tilde{\nu}$ -self-organized criticality TM in noisy nonequilibrium systems. Physical Review Letters, 1990, 64, 1927-1930.	7.8	205
43	Direct phase-sensitive identification of a $\langle i \rangle \langle j \rangle$ -form factor density wave in underdoped cuprates. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E3026-32.	7.1	198
44	Supersymmetric Sachdev-Ye-Kitaev models. Physical Review D, 2017, 95, .	4.7	193
45	What Can Gauge-Gravity Duality Teach Us About Condensed Matter Physics?. Annual Review of Condensed Matter Physics, 2012, 3, 9-33.	14.5	186
46	Quantum fluctuations of a nearly critical Heisenberg spin glass. Physical Review B, 2001, 63, .	3.2	184
47	Bond Order in Two-Dimensional Metals with Antiferromagnetic Exchange Interactions. Physical Review Letters, 2013, 111, 027202.	7.8	177
48	Finite-temperature properties of quantum antiferromagnets in a uniform magnetic field in one and two dimensions. Physical Review B, 1994, 50, 258-272.	3.2	176
49	Keldysh approach for nonequilibrium phase transitions in quantum optics: Beyond the Dicke model in optical cavities. Physical Review A, 2013, 87, .	2.5	176
50	Charge Order, Superconductivity, and a Global Phase Diagram of Doped Antiferromagnets. Physical Review Letters, 1999, 83, 3916-3919.	7.8	165
51	Mott insulators in strong electric fields. Physical Review B, 2002, 66, .	3.2	162
52	Renormalization-group fixed points, universal phase diagram, and $1/\nu$ -expansion for quantum liquids with interactions near the unitarity limit. Physical Review A, 2007, 75, .	2.5	156
53	Quantum Impurity in a Nearly Critical Two-Dimensional Antiferromagnet. Science, 1999, 286, 2479-2482.	12.6	153
54	Dicke Quantum Spin Glass of Atoms and Photons. Physical Review Letters, 2011, 107, 277202.	7.8	153

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55	Universal magnetic properties of $\text{La}_2\text{SrCuO}_4$ at intermediate temperatures. Physical Review Letters, 1993, 71, 169-172.	7.8	152
56	Spin dynamics and transport in gapped one-dimensional Heisenberg antiferromagnets at nonzero temperatures. Physical Review B, 1998, 57, 8307-8339.	3.2	150
57	Competing density-wave orders in a one-dimensional hard-boson model. Physical Review B, 2004, 69, .	3.2	150
58	Quantum Phase Transitions in d-Wave Superconductors. Physical Review Letters, 2000, 85, 4940-4943.	7.8	149
59	Numerical study of fermion and boson models with infinite-range random interactions. Physical Review B, 2016, 94, .	3.2	149
60	Transport in inhomogeneous quantum critical fluids and in the Dirac fluid in graphene. Physical Review B, 2016, 93, .	3.2	149
61	Effective-field theory of local-moment formation in disordered metals. Physical Review Letters, 1989, 63, 82-85.	7.8	146
62	Thermodynamic Behavior near a Metal-Insulator Transition. Physical Review Letters, 1988, 61, 597-600.	7.8	143
63	Quantum-critical relativistic magnetotransport in graphene. Physical Review B, 2008, 78, .	3.2	142
64	Entanglement entropy in the $\langle O \rangle$ state. Physical Review B, 2009, 80, .	3.2	142
65	Landau theory of quantum spin glasses of rotors and Ising spins. Physical Review B, 1995, 52, 384-410.	3.2	141
66	Sign-Problem-Free Quantum Monte Carlo of the Onset of Antiferromagnetism in Metals. Science, 2012, 338, 1606-1609.	12.6	140
67	Competing orders in a magnetic field: Spin and charge order in the cuprate superconductors. Physical Review B, 2002, 66, .	3.2	139
68	Topological Defects Coupling Smectic Modulations to Intra-Unit-Cell Nematicity in Cuprates. Science, 2011, 333, 426-430.	12.6	139
69	Topological order, emergent gauge fields, and Fermi surface reconstruction. Reports on Progress in Physics, 2019, 82, 014001.	20.1	136
70	Impurity in d-Wave Superconductor: Kondo Effect and STM Spectra. Physical Review Letters, 2001, 86, 296-299.	7.8	134
71	Putting competing orders in their place near the Mott transition. Physical Review B, 2005, 71, .	3.2	132
72	Competing orders and quantum criticality in doped antiferromagnets. Physical Review B, 2000, 62, 6721-6744.	3.2	131

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73	Solvable spin glass of quantum rotors. <i>Physical Review Letters</i> , 1993, 70, 4011-4014.	7.8	130
74	Mean Field Theory of a Quantum Heisenberg Spin Glass. <i>Physical Review Letters</i> , 2000, 85, 840-843.	7.8	130
75	Fermi Surface and Pseudogap Evolution in a Cuprate Superconductor. <i>Science</i> , 2014, 344, 608-611.	12.6	130
76	Quantum optimization of maximum independent set using Rydberg atom arrays. <i>Science</i> , 2022, 376, 1209-1215.	12.6	124
77	Triangular antiferromagnetism on the honeycomb lattice of twisted bilayer graphene. <i>Physical Review B</i> , 2018, 98, .	3.2	122
78	Low Temperature Relaxational Dynamics of the Ising Chain in a Transverse Field. <i>Physical Review Letters</i> , 1997, 78, 2220-2223.	7.8	121
79	Statistical mechanics of pentagonal and icosahedral order in dense liquids. <i>Physical Review B</i> , 1985, 32, 1480-1502.	3.2	118
80	Nonequilibrium Gross-Pitaevskii dynamics of boson lattice models. <i>Physical Review A</i> , 2002, 66, .	2.5	118
81	Notes on the complex Sachdev-Ye-Kitaev model. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	118
82	Action of hedgehog instantons in the disordered phase of the $(2 + 1)$ -dimensional CPN $\hat{=}1$ model. <i>Nuclear Physics B</i> , 1990, 344, 557-595.	2.5	117
83	Quantum chaos on a critical Fermi surface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1844-1849.	7.1	117
84	Quantum phase transitions in frustrated quantum antiferromagnets. <i>Nuclear Physics B</i> , 1994, 426, 601-643.	2.5	114
85	Quantum impurity dynamics in two-dimensional antiferromagnets and superconductors. <i>Physical Review B</i> , 2000, 61, 15152-15184.	3.2	112
86	Universal magnetic properties of frustrated quantum antiferromagnets in two dimensions. <i>Physical Review Letters</i> , 1994, 72, 2089-2092.	7.8	111
87	Low Temperature Spin Diffusion in the One-Dimensional Quantum $O(3)$ Nonlinear σ Model. <i>Physical Review Letters</i> , 1997, 78, 943-946.	7.8	111
88	Crossover and scaling in a nearly antiferromagnetic Fermi liquid in two dimensions. <i>Physical Review B</i> , 1995, 51, 14874-14891.	3.2	110
89	Atomic-scale electronic structure of the cuprate d-symmetry form factor density wave state. <i>Nature Physics</i> , 2016, 12, 150-156.	16.7	109
90	Quantum Phase Transition in an Atomic Bose Gas with a Feshbach Resonance. <i>Physical Review Letters</i> , 2004, 93, 020405.	7.8	108

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91	Hole motion in a quantum Néel state. <i>Physical Review B</i> , 1989, 39, 12232-12247.	3.2	107
92	Quantum Butterfly Effect in Weakly Interacting Diffusive Metals. <i>Physical Review X</i> , 2017, 7, .	8.9	106
93	Spin Dynamics of Nearly Localized Electrons. <i>Physical Review Letters</i> , 1986, 57, 2061-2064.	7.8	105
94	Large-S expansion for quantum antiferromagnets on a triangular lattice. <i>Journal of Physics Condensed Matter</i> , 1994, 6, 8891-8902.	1.8	105
95	Hydrodynamic theory of thermoelectric transport and negative magnetoresistance in Weyl semimetals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9463-9468.	7.1	105
96	Collective cyclotron motion of the relativistic plasma in graphene. <i>Physical Review B</i> , 2008, 78, .	3.2	104
97	Double-Layer Quantum Hall Antiferromagnetism at Filling Fraction $\nu = 2/m$ where m is an Odd Integer. <i>Physical Review Letters</i> , 1997, 79, 917-920.	7.8	101
98	Magnetic field-induced pair density wave state in the cuprate vortex halo. <i>Science</i> , 2019, 364, 976-980.	12.6	101
99	Topological excitations and the dynamic structure factor of spin liquids on the kagome lattice. <i>Nature Physics</i> , 2014, 10, 289-293.	16.7	99
100	Angular Fluctuations of a Multicomponent Order Describe the Pseudogap of $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$. <i>Science</i> , 2014, 343, 1336-1339.	12.6	99
101	Algebraic charge liquids. <i>Nature Physics</i> , 2008, 4, 28-31.	16.7	98
102	Atom in a damped cavity. <i>Physical Review A</i> , 1984, 29, 2627-2633.	2.5	94
103	Canted antiferromagnetic and spin-singlet quantum Hall states in double-layer systems. <i>Physical Review B</i> , 1998, 58, 4672-4693.	3.2	93
104	Memory matrix theory of magnetotransport in strange metals. <i>Physical Review B</i> , 2015, 91, .	3.2	91
105	Theory of finite-temperature crossovers near quantum critical points close to, or above, their upper-critical dimension. <i>Physical Review B</i> , 1997, 55, 142-163.	3.2	90
106	Quantum criticality of $U(1)$ gauge theories with fermionic and bosonic matter in two spatial dimensions. <i>Physical Review B</i> , 2008, 77, .	3.2	90
107	Rényi entropies for free field theories. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	90
108	Coulomb impurity in graphene. <i>Physical Review B</i> , 2007, 76, .	3.2	89

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109	Transport near the Ising-nematic quantum critical point of metals in two dimensions. Physical Review B, 2014, 89, .	3.2	89
110	Theory of a Planckian Metal. Physical Review Letters, 2019, 123, 066601.	7.8	88
111	Global phase diagrams of frustrated quantum antiferromagnets in two dimensions: Doubled Chern-Simons theory. Physical Review B, 2009, 79, .	3.2	87
112	Renormalization group theory of nematic ordering in d -wave superconductors. Physical Review B, 2008, 78, .	3.2	86
113	Spectral functions of the Higgs mode near two-dimensional quantum critical points. Physical Review B, 2012, 86, .	3.2	86
114	Quantum phases of Rydberg atoms on a kagome lattice. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	86
115	Universal relaxational dynamics near two-dimensional quantum critical points. Physical Review B, 1999, 59, 14054-14073.	3.2	85
116	Competition between spin density wave order and superconductivity in the underdoped cuprates. Physical Review B, 2009, 80, .	3.2	85
117	Where is the quantum critical point in the cuprate superconductors?. Physica Status Solidi (B): Basic Research, 2010, 247, 537-543.	1.5	85
118	Higher Dimensional Realizations of Activated Dynamic Scaling at Random Quantum Transitions. Physical Review Letters, 1996, 77, 5292-5295.	7.8	84
119	Phase ordering kinetics of the Bose gas. Physical Review A, 1996, 54, 5037-5041.	2.5	84
120	Continuum Quantum Ferromagnets at Finite Temperature and the Quantum Hall Effect. Physical Review Letters, 1995, 75, 3509-3512.	7.8	83
121	Ground States of Quantum Antiferromagnets in Two Dimensions. Annals of Physics, 2002, 298, 58-122.	2.8	83
122	The dynamics of quantum criticality revealed by quantum Monte Carlo and holography. Nature Physics, 2014, 10, 361-366.	16.7	83
123	Quantum phases of the Shastry-Sutherland antiferromagnet: Application to $\text{SrCu}_2(\text{BO}_3)_2$. Physical Review B, 2001, 64, .	3.2	81
124	Theory of the nodal nematic quantum phase transition in superconductors. Physical Review B, 2008, 77, .	3.2	81
125	Quantum quench of the Sachdev-Ye-Kitaev model. Physical Review B, 2017, 96, .	3.2	80
126	Ultraheavy and Ultrarelativistic Dirac Quasiparticles in Sandwiched Graphenes. Nano Letters, 2020, 20, 3030-3038.	9.1	80

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127	NMR relaxation in half-integer antiferromagnetic spin chains. <i>Physical Review B</i> , 1994, 50, 13006-13008.	3.2	79
128	Instabilities near the onset of spin density wave order in metals. <i>New Journal of Physics</i> , 2010, 12, 105007.	2.9	79
129	Black hole determinants and quasinormal modes. <i>Classical and Quantum Gravity</i> , 2010, 27, 125001.	4.0	79
130	Universal Conductance of Nanowires near the Superconductor-Metal Quantum Transition. <i>Physical Review Letters</i> , 2004, 92, 237003.	7.8	77
131	Absence of Disorder-Driven Metal-Insulator Transitions in Simple Holographic Models. <i>Physical Review Letters</i> , 2015, 115, 221601.	7.8	76
132	Thermal diffusivity and chaos in metals without quasiparticles. <i>Physical Review D</i> , 2017, 96, .	4.7	76
133	Magnetotransport in a Model of a Disordered Strange Metal. <i>Physical Review X</i> , 2018, 8, .	8.9	76
134	Spontaneous alignment of frustrated bonds in an anisotropic, three-dimensional Ising model. <i>Physical Review B</i> , 1991, 44, 686-690.	3.2	75
135	Condensed Matter and AdS/CFT. <i>Lecture Notes in Physics</i> , 2011, , 273-311.	0.7	75
136	Density wave instabilities in a correlated two-dimensional metal. <i>Physical Review B</i> , 2014, 90, .	3.2	74
137	Spin-Peierls ground states of the quantum dimer model: A finite-size study. <i>Physical Review B</i> , 1989, 40, 5204-5207.	3.2	73
138	Stable vortices in a gauge theory of superconductivity in strongly correlated systems. <i>Physical Review B</i> , 1992, 45, 389-399.	3.2	73
139	Polylogarithm identities in a conformal field theory in three dimensions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993, 309, 285-288.	4.1	73
140	Holographic quantum critical transport without self-duality. <i>Physical Review D</i> , 2011, 83, .	4.7	73
141	Evolution of Quantum Fluctuations Near the Quantum Critical Point of the Transverse Field Ising Chain System $\langle \text{CoNb}_2\text{O}_6 \rangle$. <i>Physical Review X</i> , 2014, 4, .	4.9	73
142	Dicke-model quantum spin and photon glass in optical cavities: Nonequilibrium theory and experimental signatures. <i>Physical Review A</i> , 2013, 87, .	2.5	72
143	Quantum critical response at the onset of spin-density-wave order in two-dimensional metals. <i>Physical Review B</i> , 2011, 84, .	3.2	70
144	Quantum phase transitions and conserved charges. <i>European Physical Journal B</i> , 1994, 94, 469-479.	1.5	69

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145	Effective theory of Fermi pockets in fluctuating antiferromagnets. <i>Physical Review B</i> , 2010, 81, .	3.2	69
146	From stripe to checkerboard ordering of charge-density waves on the square lattice in the presence of quenched disorder. <i>Physical Review B</i> , 2006, 74, .	3.2	68
147	Topological order in the pseudogap metal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E3665-E3672.	7.1	68
148	Dynamics and Transport of the Z^2 Spin Liquid: Application to $\hat{\rho}$	7.8	67
149	Fluctuating spin density waves in metals. <i>Physical Review B</i> , 2009, 80, .	3.2	66
150	Connecting high-field quantum oscillations to zero-field electron spectral functions in the underdoped cuprates. <i>Nature Communications</i> , 2014, 5, 5771.	12.8	66
151	Superconductivity, correlated insulators, and Wess-Zumino-Witten terms in twisted bilayer graphene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 29543-29554.	7.1	66
152	Incommensurate icosahedral density waves in rapidly cooled metals. <i>Physical Review B</i> , 1985, 32, 689-695.	3.2	65
153	Coulomb Interactions at Quantum Hall Critical Points of Systems in a Periodic Potential. <i>Physical Review Letters</i> , 1998, 80, 5409-5412.	7.8	65
154	Bond-operator theory of doped antiferromagnets: From Mott insulators with bond-centered charge order to superconductors with nodal fermions. <i>Physical Review B</i> , 2001, 64, .	3.2	65
155	Pseudogap and Fermi-Surface Topology in the Two-Dimensional Hubbard Model. <i>Physical Review X</i> , 2018, 8, .	8.9	65
156	Confinement transition of \hat{a}, Z^2 gauge theories coupled to massless fermions: Emergent quantum chromodynamics and $SO(5)$ symmetry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6987-E6995.	7.1	64
157	Numerical study of the chiral Z^3 quantum phase transition in one spatial dimension. <i>Physical Review A</i> , 2018, 98, .	2.5	64
158	Vison states and confinement transitions of Z^2 spin liquids on the kagome lattice. <i>Physical Review B</i> , 2011, 84, .	3.2	63
159	Conformal field theories at nonzero temperature: Operator product expansions, Monte Carlo, and holography. <i>Physical Review B</i> , 2014, 90, .	3.2	63
160	Orderly disorder in magic-angle twisted trilayer graphene. <i>Science</i> , 2022, 376, 193-199.	12.6	63
161	Quantum field theory of metallic spin glasses. <i>Physical Review B</i> , 1995, 52, 10286-10294.	3.2	62
162	Nonzero-temperature transport near fractional quantum Hall critical points. <i>Physical Review B</i> , 1998, 57, 7157-7173.	3.2	62

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163	Quantum oscillations and black hole ringing. <i>Physical Review D</i> , 2009, 80, .	4.7	62
164	Strange metals and the AdS/CFT correspondence. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2010, 2010, P11022.	2.3	62
165	Entanglement entropy of 3-d conformal gauge theories with many flavors. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	62
166	Universal low temperature theory of charged black holes with AdS ₂ horizons. <i>Journal of Mathematical Physics</i> , 2019, 60, .	1.1	61
167	Finite temperature correlations in the one-dimensional quantum Ising model. <i>Nuclear Physics B</i> , 1996, 482, 579-612.	2.5	60
168	Density-wave instabilities of fractionalized Fermi liquids. <i>Physical Review B</i> , 2014, 90, .	3.2	60
169	Pinning of dynamic spin-density-wave fluctuations in cuprate superconductors. <i>Physical Review B</i> , 2002, 65, .	3.2	58
170	Quantum dimer model for the pseudogap metal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9552-9557.	7.1	58
171	Sine-Gordon theory of the non-Néel phase of two-dimensional quantum antiferromagnets. <i>Physical Review B</i> , 1989, 40, 2704-2707.	3.2	56
172	Depletion of the Bose-Einstein condensate in Bose-Fermi mixtures. <i>Physical Review B</i> , 2005, 72, .	3.2	55
173	RENORMALIZATION GROUP ANALYSIS OF QUANTUM CRITICAL POINTS IN d-WAVE SUPERCONDUCTORS. <i>International Journal of Modern Physics B</i> , 2000, 14, 3719-3734.	2.0	54
174	Mean-field theory of competing orders in metals with antiferromagnetic exchange interactions. <i>Physical Review B</i> , 2014, 89, .	3.2	54
175	Gauge theory for the cuprates near optimal doping. <i>Physical Review B</i> , 2019, 99, .	3.2	54
176	Zero Temperature Phase Transitions in Quantum Heisenberg Ferromagnets. <i>Annals of Physics</i> , 1996, 251, 76-122.	2.8	53
177	dc resistivity at the onset of spin density wave order in two-dimensional metals. <i>Physical Review B</i> , 2014, 90, .	3.2	53
178	Non-Fermi-liquid behavior from two-dimensional antiferromagnetic fluctuations: A renormalization-group and large-N analysis. <i>Physical Review B</i> , 2004, 69, .	3.2	52
179	SUPERCONDUCTIVITY: Tuning Order in Cuprate Superconductors. <i>Science</i> , 2002, 295, 452-454.	12.6	51
180	Quantum criticality of the kagome antiferromagnet with Dzyaloshinskii-Moriya interactions. <i>Physical Review B</i> , 2010, 81, .	3.2	49

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181	Multipoint correlators of conformal field theories: Implications for quantum critical transport. Physical Review B, 2013, 87, .	3.2	49
182	Quantum critical behavior in a two-layer antiferromagnet. Physical Review B, 1995, 51, 16483-16486.	3.2	48
183	Feedback of superconducting fluctuations on charge order in the underdoped cuprates. Physical Review B, 2014, 90, .	3.2	48
184	Large- N theory of critical Fermi surfaces. Physical Review B, 2021, 103, .	3.2	48
185	Crystalline and fluid order on a random topography. Journal of Physics C: Solid State Physics, 1984, 17, 5473-5489.	1.5	47
186	Competing orders in thermally fluctuating superconductors in two dimensions. Physical Review B, 2004, 69, .	3.2	47
187	Deconfined Criticality Critically Defined. Journal of the Physical Society of Japan, 2005, 74, 1-9.	1.6	47
188	Universal Relaxational Dynamics of Gapped One-Dimensional Models in the Quantum Sine-Gordon Universality Class. Physical Review Letters, 2005, 95, 187201.	7.8	47
189	Theory of quantum impurities in spin liquids. Physical Review B, 2006, 74, .	3.2	47
190	Quasiparticle Nernst effect in stripe-ordered cuprates. Physical Review B, 2010, 81, .	3.2	47
191	Quasinormal modes of quantum criticality. Physical Review B, 2012, 86, .	3.2	47
192	Scaling and crossover functions for the conductance in the directed network model of edge states. Physical Review B, 1997, 55, 10593-10601.	3.2	46
193	Putting competing orders in their place near the Mott transition. II. The doped quantum dimer model. Physical Review B, 2005, 71, .	3.2	46
194	Hole dynamics in an antiferromagnet across a deconfined quantum critical point. Physical Review B, 2007, 75, .	3.2	46
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