Andrey V Chubukov

List of Publications by Year
in descending order

186	8,617	41344	53230
papers	citations	49 h-index	85 g-index

190	190	190	4155
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quantum-critical theory of the spin-fermion model and its application to cuprates: Normal state analysis. Advances in Physics, 2003, 52, 119-218.	14.4	464
2	Pairing Mechanism in Fe-Based Superconductors. Annual Review of Condensed Matter Physics, 2012, 3, 57-92.	14.5	448
3	Theory of two-dimensional quantum Heisenberg antiferromagnets with a nearly critical ground state. Physical Review B, 1994, 49, 11919-11961.	3.2	381
4	Order from disorder in a kagomÃ© antiferromagnet. Physical Review Letters, 1992, 69, 832-835.	7.8	236
5	Chiral, nematic, and dimer states in quantum spin chains. Physical Review B, 1991, 44, 4693-4696.	3.2	215
6	Manifesto for a higher Tc. Nature Physics, 2011, 7, 272-276.	16.7	207
7	A Relation between the Resonance Neutron Peak and ARPES Data in Cuprates. Physical Review Letters, 1999, 83, 1652-1655.	7.8	193
8	Charge-density-wave order with momentum <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mo>(</mml:mo><mml:mn>2</mml:mn><mml:mi>Q</mml:m and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mo>(</mml:mo><mml:mn>0</mml:mn><mml:mo>,</mml:m within the spin-fermion model: Continuous and discrete symmetry brea. Physical Review B, 2014, 90, .	3.2	189
9	Quantum critical behavior in itinerant electron systems: Eliashberg theory and instability of a ferromagnetic quantum critical point. Physical Review B, 2006, 74, .	3.2	161
10	Universal magnetic properties ofLa2â˜ÎŚSrÎ´CuO4at intermediate temperatures. Physical Review Letters, 1993, 71, 169-172.	7.8	152
11	Instability of the Quantum-Critical Point of Itinerant Ferromagnets. Physical Review Letters, 2004, 92, 147003.	7.8	145
12	Spin-Fermion Model near the Quantum Critical Point: One-Loop Renormalization Group Results. Physical Review Letters, 2000, 84, 5608-5611.	7.8	141
13	Kohn-Luttinger effect and the instability of a two-dimensional repulsive Fermi liquid atT=0. Physical Review B, 1993, 48, 1097-1104.	3.2	117
14	Electronic structure of underdoped cuprates. Physics Reports, 1997, 288, 355-387.	25.6	115
15	Low-energy microscopic models for iron-based superconductors: a review. Reports on Progress in Physics, 2017, 80, 014503.	20.1	114
16	Magnetism, Superconductivity, and Spontaneous Orbital Order in Iron-Based Superconductors: Which Comes First and Why?. Physical Review X, 2016, 6, .	8.9	113
17	Universal magnetic properties of frustrated quantum antiferromagnets in two dimensions. Physical Review Letters, 1994, 72, 2089-2092.	7.8	111
18	Nonanalytic corrections to the Fermi-liquid behavior. Physical Review B, 2003, 68, .	3.2	111

#	Article	IF	Citations
19	Crossover and scaling in a nearly antiferromagnetic Fermi liquid in two dimensions. Physical Review B, 1995, 51, 14874-14891.	3.2	110
20	Origin of nematic order in FeSe. Physical Review B, 2015, 91, .	3.2	106
21	Renormalized perturbation theory of magnetic instabilities in the two-dimensional Hubbard model at small doping. Physical Review B, 1992, 46, 11884-11901.	3.2	96
22	Coexistence of Charge-Density-Wave and Pair-Density-Wave Orders in Underdoped Cuprates. Physical Review Letters, 2015, 114, 197001.	7.8	94
23	Quantum Stabilization of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>1</mml:mn><mml:mo>/</mml:mo><mml:mn>3</mml:mn></mml:math>-Magnetization Plateau in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Cs</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>CuBr</mml:mi><mml: Physical Review Letters, 2009, 102, 137201.	7.8	93
24	Phase transition, longitudinal spin fluctuations, and scaling in a two-layer antiferromagnet. Physical Review B, 1995, 52, 3521-3532.	3.2	89
25	Flat spin-wave dispersion in a triangular antiferromagnet. Physical Review B, 2006, 74, .	3.2	84
26	Nematic superconductivity in twisted bilayer graphene. Physical Review B, 2020, 101, .	3.2	83
27	Resonant two-magnon Raman scattering in parent compounds of high-Tcsuperconductors. Physical Review B, 1995, 52, 9760-9783.	3.2	78
28	First-order transition in frustrated quantum antiferromagnets. Physical Review B, 1991, 44, 392-394.	3.2	77
29	Superconductivity from weak repulsion in hexagonal lattice systems. Physical Review B, 2014, 89, .	3.2	77
30	Resonant Two-Magnon Raman Scattering in Antiferromagnetic Insulators. Physical Review Letters, 1995, 74, 3057-3060.	7.8	76
31	Renormalization group flow, competing phases, and the structure of superconducting gap in multiband models of iron-based superconductors. Physical Review B, 2010, 82, .	3.2	76
32	Order-from-disorder phenomena in Heisenberg antiferromagnets on a triangular lattice. Physical Review B, 1992, 46, 11137-11140.	3.2	71
33	Resistivity of a Non-Galileanâ€“Invariant Fermi Liquid near Pomeranchuk Quantum Criticality. Physical Review Letters, 2011, 106, 106403.	7.8	71
34	Singular perturbation theory for interacting fermions in two dimensions. Physical Review B, 2005, 71, .	3.2	67
35	Superconductivity versus bound-state formation in a two-band superconductor with small Fermi energy: Applications to Fe pnictides/chalcogenides and doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>SrTiO</mml:mi><mml:mn>3</mml:mn></mml:msub><mml: Physical Review B, 2016, 93, .	3.2	67
36	Dimer stability region in a frustrated quantum Heisenberg antiferromagnet. Physical Review B, 1991, 44, 12050-12053.	3.2	64

#	Article	IF	Citations
37	First-Order Superconducting Transition near a Ferromagnetic Quantum Critical Point. Physical Review Letters, 2003, 90, 077002.	7.8	64
38	Fingerprints of spin mediated pairing in cuprates. Journal of Electron Spectroscopy and Related Phenomena, 2001, 117-118, 129-151.	1.7	63
39	First-Matsubara-frequency rule in a Fermi liquid. II. Optical conductivity and comparison to experiment. Physical Review B, 2012, 86, .	3.2	63
40	Superconductivity near a Quantum-Critical Point: The Special Role of the First Matsubara Frequency. Physical Review Letters, 2016, 117, 157001.	7.8	62
41	Magnetic phases of the two-dimensional Hubbard model at low doping. Physical Review B, 1995, 51, 12605-12617.	3.2	61
42	Superconductivity due to massless boson exchange in the strong-coupling limit. Physical Review B, 2005, 72, .	3.2	61
43	Interplay between pair- and charge-density-wave orders in underdoped cuprates. Physical Review B, 2015, 91, .	3.2	61
44	Emergent Non-Fermi-Liquid at the Quantum Critical Point of a Topological Phase Transition in Two Dimensions. Physical Review Letters, 2016, 116, 076803.	7.8	61
45	Fermi liquid near Pomeranchuk quantum criticality. Physical Review B, 2010, 81, .	3.2	56
46	Quasiparticle spectrum in a nearly antiferromagnetic Fermi liquid: Shadow and flat bands. Physical Review B, 1995, 52, R3840-R3843.	3.2	54
47	Itinerant Half-Metal Spin-Density-Wave State on the Hexagonal Lattice. Physical Review Letters, 2012, 108, 227204.	7.8	53
48	Hund Interaction, Spin-Orbit Coupling, and the Mechanism of Superconductivity in Strongly Hole-Doped Iron Pnictides. Physical Review Letters, 2017, 118, 087003.	7.8	52
49	Eliashberg theory of phonon-mediated superconductivity â€" When it is valid and how it breaks down. Annals of Physics, 2020, 417, 168190.	2.8	50
50	Nonanalytic paramagnetic response of itinerant fermions away and near a ferromagnetic quantum phase transition. Physical Review B, 2009, 79, .	3.2	49
51	Quantum critical behavior in a two-layer antiferromagnet. Physical Review B, 1995, 51, 16483-16486.	3.2	48
52	Nonanalytic corrections to the specific heat of a three-dimensional Fermi liquid. Physical Review B, 2006, 73, .	3.2	48
53	Superconductivity from repulsive interaction. AIP Conference Proceedings, 2013, , .	0.4	48
54	Competing orders at higher-order Van Hove points. Physical Review B, 2020, 102, .	3.2	47

#	Article	IF	Citations
55	Quantum-critical Pairing with Varying Exponents. Journal of Low Temperature Physics, 2010, 161, 263-281.	1.4	46
56	First-Matsubara-frequency rule in a Fermi liquid. I. Fermionic self-energy. Physical Review B, 2012, 86, .	3.2	46
57	Phase diagram of the frustrated spin-1/2 Heisenberg antiferromagnet with cyclic-exchange interaction. Physical Review B, 1992, 45, 7889-7898.	3.2	43
58	Singularities in the optical response of cuprates. Physical Review B, 2001, 63, .	3.2	43
59	Superconductivity in FeSe: The Role of Nematic Order. Physical Review Letters, 2018, 120, 267001.	7.8	43
60	Spectral Function of Superconducting Cuprates near Optimal Doping. Physical Review Letters, 1998, 81, 4716-4719.	7.8	41
61	Spin Conservation and Fermi Liquid near a Ferromagnetic Quantum Critical Point. Physical Review Letters, 2009, 103, 216401.	7.8	41
62	Singular corrections to the Fermi-liquid theory. Physical Review B, 2004, 69, .	3.2	40
63	Theory of Raman response of a superconductor with extended<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>s</mml:mi></mml:math>-wave symmetry: Application to the iron pnictides. Physical Review B, 2009, 79, .	3.2	38
64	Temperature crossovers in cuprates. Journal of Physics Condensed Matter, 1996, 8, 10017-10036.	1.8	37
65	Thermodynamics of a Fermi liquid in a magnetic field. Physical Review B, 2005, 72, .	3.2	37
66	Dispersion of a single hole in an antiferromagnet. Physical Review B, 1998, 57, 5298-5311.	3.2	36
67	Condensation energy in strongly coupled superconductors. Physical Review B, 2003, 68, .	3.2	36
68	Interplay between tetragonal magnetic order, stripe magnetism, and superconductivity in iron-based materials. Physical Review B, 2015, 91, .	3.2	36
69	Interplay between Magnetism, Superconductivity, and Orbital Order in 5-Pocket Model for Iron-Based Superconductors: Parquet Renormalization Group Study. Physical Review Letters, 2017, 118, 037001.	7.8	36
70	Valley magnetism, nematicity, and density wave orders in twisted bilayer graphene. Physical Review B, 2020, 102, .	3.2	36
71	Optical response of correlated electron systems. Reports on Progress in Physics, 2017, 80, 026503.	20.1	35
72	Thermodynamics of a Fermi Liquid beyond the Low-Energy Limit. Physical Review Letters, 2005, 95, 026402.	7.8	34

#	Article	IF	Citations
73	Phases of a Triangular-Lattice Antiferromagnet Near Saturation. Physical Review Letters, 2014, 113, 087204.	7.8	34
74	Enhancement of superconductivity at the onset of charge-density-wave order in a metal. Physical Review B, 2015, 92, .	3.2	34
75	Superconductivity at the Onset of Spin-Density-Wave Order in a Metal. Physical Review Letters, 2013, 110, 127001.	7.8	33
76	Spontaneous currents in a superconductor with<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>s</mml:mi><mml:mo>+</mml:mo><mml:mi>i</mml:mi><mml:mi> Physical Review B, 2015, 91, .	3.2	33
77	Pairing instabilities in the two-dimensional Hubbard model. Physical Review B, 1992, 46, 11163-11166.	3.2	32
78	Nonanalytic magnetic response of Fermi and non-Fermi liquids. Physical Review B, 2006, 74, .	3.2	32
79	Pseudogap in underdoped cuprates and spin-density-wave fluctuations. Physical Review B, 2010, 81, .	3.2	32
80	Temperature variation of the pseudogap in underdoped cuprates. Physical Review B, 1998, 57, R11085-R11088.	3.2	31
81	Distinguishing between<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>s</mml:mi><mml:mo>+</mml:mo><mml:mi>i</mml:mi><mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>s</mml:mi><mml:mo>+</mml:mo><mml:mi>i</mml:mi><mml:m symmetries in multiband superconductors through spontaneous magnetization pattern induced by a defect. Physical Review B, 2016, 94, .	3.2	31
82	Competing instabilities, orbital ordering, and splitting of band degeneracies from a parquet renormalization group analysis of a four-pocket model for iron-based superconductors: Application to FeSe. Physical Review B, 2017, 95, .	3.2	31
83	Interplay between superconductivity and non-Fermi liquid at a quantum-critical point in a metal. I. The <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î³</mml:mi></mml:math> model and its phase diagram at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>T</mml:mi><mml:mo>=</mml:mo><mml:mn>0</mml:mn></mml: : The case <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>0</mml:mn><mml:mo><</mml:mo><mml:mi>Î³</mml:mi></mml	3.2	31
84	SIN and SIS tunneling in cuprates. Physical Review B, 2000, 61, R9241-R9244.	3.2	30
85	Condensation energy in strongly coupled superconductors. Physical Review B, 2003, 67, .	3.2	30
86	Quantum-critical pairing in electron-doped cuprates. Physical Review B, 2013, 88, .	3.2	29
87	Pairing Mechanism in Hundâ€™s Metal Superconductors and the Universality of the Superconducting Gap to Critical Temperature Ratio. Physical Review Letters, 2018, 121, 187003.	7.8	29
88	Interplay of superconductivity and spin-density-wave order in doped graphene. Physical Review B, 2012, 86, .	3.2	27
89	Magnetism in Parent Iron Chalcogenides: Quantum Fluctuations Select Plaquette Order. Physical Review Letters, 2012, 109, 157206.	7.8	27
90	Phonon-mediated superconductivity in low carrier-density systems. Physical Review B, 2019, 99, .	3.2	27

#	Article	IF	Citations
91	Quantum phase transition in the Yukawa-SYK model. Physical Review Research, 2020, 2, .	3.6	27
92	Electron self-energy near a nematic quantum critical point. Physical Review B, 2010, 81, .	3.2	26
93	Vertex corrections in antiferromagnetic spin-fluctuation theories. Physical Review B, 1997, 56, 7789-7792.	3.2	25
94	Ward identities for strongly coupled Eliashberg theories. Physical Review B, 2005, 72, .	3.2	25
95	Time-Reversal Symmetry Breaking Superconductivity in the Coexistence Phase with Magnetism in Fe Pnictides. Physical Review Letters, 2014, 113, 167001.	7.8	25
96	Interplay between superconductivity and non-Fermi liquid at a quantum critical point in a metal. II. The <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î³</mml:mi></mml:math> model at a finite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>T</mml:mi></mml:math> for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>0</mml:mn><mml:mo><</mml:mo><mml:mi>Î³</mml:mi></mml:math> Physical Review B, 2020, 102, .	3.2	25
97	Non-Fermi Liquid and Pairing in Electron-Doped Cuprates. Physical Review Letters, 2006, 96, 107002.	7.8	24
98	Nonanalytic behavior of two-dimensional itinerant ferromagnets. Physical Review B, 2008, 77, .	3.2	24
99	Optical conductivity of a two-dimensional metal at the onset of spin-density-wave order. Physical Review B, 2014, 89, .	3.2	24
100	Normal State Properties of Quantum Critical Metals at Finite Temperature. Physical Review X, 2020, 10, .	8.9	24
101	Interacting Fermions in Two Dimensions: Beyond the Perturbation Theory. Physical Review Letters, 2005, 94, 156407.	7.8	23
102	Non-Landau Damping of Magnetic Excitations in Systems with Localized and Itinerant Electrons. Physical Review Letters, 2014, 112, 037202.	7.8	23
103	Orbital order in FeSe: The case for vertex renormalization. Physical Review B, 2018, 98, .	3.2	23
104	Special role of the first Matsubara frequency for superconductivity near a quantum critical point: Nonlinear gap equation below <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:ma and spectral properties in real frequencies. Physical Review B, 2019, 99, .	3.2	23
105	Universal behavior of the spin-echo decay rate inLa2CuO4. Physical Review B, 1994, 49, 9052-9056.	3.2	22
106	Spin-Current Order in Anisotropic Triangular Antiferromagnets. Physical Review Letters, 2013, 110, 217210.	7.8	22
107	Effects of Lifshitz Transitions in Ferromagnetic Superconductors: The Case of URhGe. Physical Review Letters, 2018, 121, 097001.	7.8	21
108	Pairing in quantum critical systems: Transition temperature, pairing gap, and their ratio. Physical Review B, 2019, 99, .	3.2	21

#	Article	IF	Citations
109	Schwinger bosons and hydrodynamics of two-dimensional magnets. Physical Review B, 1991, 44, 12318-12336.	3.2	20
110	Confinement of spinons in theCPMâˆ'1model. Physical Review B, 1995, 52, 440-450.	3.2	20
111	Resonant Raman scattering in antiferromagnets. Physical Review B, 1997, 56, 9134-9152.	3.2	20
112	Broken translational symmetry in an emergent paramagnetic phase of graphene. Physical Review B, 2012, 86, .	3.2	20
113	Polar Kerr effect from chiral-nematic charge order. Physical Review B, 2014, 90, .	3.2	20
114	Conservation laws, vertex corrections, and screening in Raman spectroscopy. Physical Review B, 2017, 96, .	3.2	20
115	The interplay between superconductivity and non-Fermi liquid at a quantum-critical point in a metal. Annals of Physics, 2020, 417, 168142.	2.8	20
116	Quasiparticle interaction function in a two-dimensional Fermi liquid near an antiferromagnetic critical point. Physical Review B, 2014, 89, .	3.2	19
117	Dynamical susceptibility near a long-wavelength critical point with a nonconserved order parameter. Physical Review B, 2018, 97, .	3.2	19
118	Quantum Critical Behavior Near a Density-Wave Instability in an Isotropic Fermi Liquid. Physical Review Letters, 2005, 94, 046404.	7.8	18
119	Time-reversal symmetry-breaking nematic superconductivity in FeSe. Physical Review B, 2018, 98, .	3.2	18
120	Identification of non-Fermi liquid fermionic self-energy from quantum Monte Carlo data. Npj Quantum Materials, 2020, 5, .	5.2	17
121	Superconductivity near a nematic quantum critical point: Interplay between hot and lukewarm regions. Physical Review B, 2018, 98, .	3.2	16
122	Superconductivity above a quantum critical point in a metal: Gap closing versus gap filling, Fermi arcs, and pseudogap behavior. Physical Review B, 2019, 99, .	3.2	16
123	Multiple intertwined pairing states and temperature-sensitive gap anisotropy for superconductivity at a nematic quantum-critical point. Npj Quantum Materials, 2019, 4, .	5.2	16
124	Interplay between superconductivity and non-Fermi liquid behavior at a quantum-critical point in a metal. V. The <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î³</mml:mi></mml:math> model and its phase diagram: The case <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î³</mml:mi><mml:mo>=</mml:mo><mml:mn>2</mml:mn></mml:mr Physical Review B, 2021, 103, .	3.2	16
125	Two-step transitions in noncollinear magnets. Physical Review B, 1991, 44, 5362-5365.	3.2	15
126	Order from disorder in a kagome antiferromagnet. Journal of Applied Physics, 1993, 73, 5639-5641.	2.5	15

#	Article	IF	Citations
127	Systematic 1/Sstudy of the two-dimensional Hubbard model at half-filling. Physical Review B, 1994, 50, 6238-6245.	3.2	15
128	Magnetic Fluctuations and Specific Heat in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Na</mml:mi></mml:mrow><mml:mrow><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math> a Lifshitz Transition. Physical Review Letters, 2015, 114, 066403.	7.8	15
129	Displacement and annihilation of Dirac gap nodes in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>d</mml:mi></mml:math> -wave iron-based superconductors. Physical Review B, 2016, 94, .	3.2	15
130	Chiral liquid phase of simple quantum magnets. Physical Review B, 2017, 96, .	3.2	15
131	Differential sum rule for the relaxation rate in dirty superconductors. Physical Review B, 2003, 68, .	3.2	14
132	Cooper channel and the singularities in the thermodynamics of a Fermi liquid. Physical Review B, 2007, 76, .	3.2	14
133	Superconducting and charge-density-wave orders in the spin-fermion model: A comparative analysis. Physical Review B, 2015, 91, .	3.2	14
134	Interplay between superconductivity and non-Fermi liquid at a quantum critical point in a metal. IV. The <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î³</mml:mi></mml:math> model and its phase diagram at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>1</mml:mn><mml:mo><</mml:mo><mml:mi>Î³</mml:mi></mml:math> Physical Review B, 2021, 103, .	3.2	14
135	Orbital transmutation and the electronic spectrum of FeSe in the nematic phase. Physical Review Research, 2020, 2, .	3.6	14
136	Signature of the nonmonotonic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>d</mml:mi></mml:math>-wave gap in electron-doped cuprates. Physical Review B, 2008, 77, .	3.2	13
137	Implicit renormalization approach to the problem of Cooper instability. Physical Review B, 2019, 100, .	3.2	13
138	Superconductivity of incoherent electrons in the Yukawa Sachdev-Ye-Kitaev model. Physical Review B, 2021, 104, .	3.2	13
139	Monte Carlo study of the pseudogap and superconductivity emerging from quantum magnetic fluctuations. Nature Communications, 2022, 13, 2655.	12.8	13
140	Differential Sum Rule for the Relaxation Rate in the Cuprates. Physical Review Letters, 2002, 88, 217001.	7.8	12
141	Raman resonance in iron-based superconductors: The magnetic scenario. Physical Review B, 2016, 93, .	3.2	12
142	Collective modes near a Pomeranchuk instability in two dimensions. Physical Review Research, 2019, 1, .	3.6	12
143	Condensation energy in the spin-fermion model for cuprates. Physical Review B, 2000, 62, R787-R790.	3.2	11
144	Spin susceptibility in bilayered cuprates: Resonant magnetic excitations. Physical Review B, 2007, 75, .	3.2	11

#	Article	IF	Citations
145	Antiferromagnetism in Iron-Based Superconductors: Selection of Magnetic Order and Quasiparticle Interference. Journal of the Physical Society of Japan, 2014, 83, 061015.	1.6	11
146	Optical conductivity of a two-dimensional metal near a quantum critical point: The status of the extended Drude formula. Physical Review B, 2017, 96, .	3.2	11
147	Dynamical susceptibility of a near-critical nonconserved order parameter and quadrupole Raman response in Fe-based superconductors. Physical Review B, 2018, 98, .	3.2	11
148	Thermodynamic signatures of an antiferromagnetic quantum critical point inside a superconducting dome. Physical Review B, 2020, 102, .	3.2	11
149	Interplay between superconductivity and non-Fermi liquid behavior at a quantum critical point in a metal. III. The <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î³</mml:mi></mml:math> model and its phase diagram across <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î³</mml:mi><mml:mo>=</mml:mo><mml:mn>1</mml:mn></mml:ma Physical Review B, 2020, 102, .	3.2	11
150	Raman Response in the Nematic Phase of FeSe. Physical Review Letters, 2020, 124, 197602.	7.8	11
151	SU(4) Symmetry in Twisted Bilayer Graphene: An Itinerant Perspective. Physical Review Letters, 2022, 128, .	7.8	11
152	Theory ofp-wave pairing in a two-dimensional Fermi gas. Physical Review B, 1994, 49, 678-681.	3.2	10
153	Raman scattering in a two-layer antiferromagnet. Physical Review B, 1996, 54, 3468-3481.	3.2	10
154	Spin resonance and high-frequency optical properties of the cuprates. Physical Review B, 2004, 70, .	3.2	10
155	Kohn-Luttinger correction to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:ma in a phonon superconductor. Physical Review B, 2020, 101, .	3.2	10
156	Crossover from O(3) to O(4) behavior in weakly frustrated antiferromagnets. Physical Review B, 1996, 53, R14729-R14732.	3.2	9
157	Pairing glue in cuprate superconductors from the self-energy revealed via machine learning. Physical Review B, 2020, 101, .	3.2	9
158	Interplay between superconductivity and non-Fermi liquid at a quantum critical point in a metal. VI. The<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î³</mml:mi></mml:math>model and its phase diagram at<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>2</mml:mn><mml:mo><</mml:mo><mml:mi>Î³</mml Physical Review B, 2021, 104, .	3.2	9
159	Universal and nonuniversal renormalizations in Fermi liquids. Physical Review B, 2010, 81, .	3.2	8
160	Interplay between unidirectional and bidirectional charge-density-wave orders in underdoped cuprates. Physical Review B, 2015, 92, .	3.2	8
161	Dynamical vortices in electron-phonon superconductors. Physical Review B, 2021, 104, .	3.2	8
162	Dynamical exponent of a quantum critical itinerant ferromagnet: A Monte Carlo study. Physical Review B, 2022, 105, .	3.2	8

#	Article	IF	Citations
163	Order from disorder in the double-exchange model. Journal of Physics Condensed Matter, 2002, 14, L235-L241.	1.8	7
164	Specific heat of a one-dimensional interacting Fermi system: Role of anomalies. Physical Review B, 2008, 77, .	3.2	7
165	Hidden and mirage collective modes in two dimensional Fermi liquids. Npj Quantum Materials, 2020, 5, .	5.2	7
166	Evolution of the quasiparticle spectral function in cuprates. Physical Review B, 1998, 58, R8905-R8908.	3.2	6
167	Relative positions of the2Î”peaks in Raman and tunneling spectra ofd-wave superconductors. Physical Review B, 2000, 61, R6467-R6470.	3.2	6
168	Specific heat and gap structure of a nematic superconductor: Application to FeSe. Physical Review B, 2021, 104, .	3.2	6
169	Quantum phase transition in a clean superconductor with repulsive dynamical interaction. Npj Quantum Materials, 2022, 7, .	5.2	6
170	Effect of repulsion on superconductivity at low density. Physical Review B, 2022, 105, .	3.2	6
171	Nonanalytic corrections to the specific heat and susceptibility of a two-dimensional Fermi liquid without Galilean invariance. Physical Review B, 2006, 74, .	3.2	5
172	Pairing due to the exchange of magnetic fluctuations in cuprate superconductors. Physical Review B, 1992, 46, 5588-5592.	3.2	4
173	Test of the low-energy model for one-dimensional interacting Fermi systems. Physical Review B, 2008, 77, .	3.2	4
174	Strong-coupling theory of the universal linear temperature dependence of the nodal Fermi velocity in layered cuprates. Physical Review B, 2008, 78, .	3.2	4
175	Fluctuating charge order in the cuprates: Spatial anisotropy and feedback from superconductivity. Physical Review B, 2015, 92, .	3.2	4
176	Gradient terms in quantum-critical theories of itinerant fermions. Physical Review B, 2017, 96, .	3.2	4
177	Specific heat in strongly hole-doped iron-based superconductors. Physical Review B, 2019, 99, .	3.2	4
178	A relation between the resonance neutron peak and ARPES data in cuprates. Physica B: Condensed Matter, 2000, 280, 189-193.	2.7	3
179	Effect of pairing fluctuations on the spin resonance in Fe-based superconductors. Physical Review B, 2014, 90, .	3.2	3
180	One-dimensional scattering of two-dimensional fermions near quantum criticality. Physical Review B, 2021, 103, .	3.2	3

#	Article	IF	Citations
181	Evolution of the dynamics of neutral superconductors between BCS and BEC regimes: The variational approach. Low Temperature Physics, 2018, 44, 528-533.	0.6	2
182	Dynamic properties of superconductors: Anderson-Bogoliubov mode and Berry phase in the BCS and BEC regimes. Physical Review B, 2019, 99, .	3.2	2
183	Quasiparticle Scattering in a Superconductor near a Nematic Critical Point: Resonance Mode and Multiple Attractive Channels. Physical Review Letters, 2022, 128, 017001.	7.8	1
184	Kohn-luttinger effect and the instability of a repulsive Fermi-liquid at T=0. Journal of Low Temperature Physics, 1992, 89, 673-676.	1.4	0
185	Theory of the Leading Edge Gap in Underdoped Cuprates. International Journal of Modern Physics B, 1998, 12, 2990-2994.	2.0	0
186	On the behaviour of a two-dimensional Heisenberg antiferromagnet at very low temperatures. Journal of Physics Condensed Matter, 1999, 11, L169-L174.	1.8	0