

Claudio Castellani

List of Publications by Year in descending order

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191
papers

7,728
citations

38660

50
h-index

56606

83
g-index

193
all docs

193
docs citations

193
times ranked

3331
citing authors

#	ARTICLE	IF	CITATIONS
1	Singular Quasiparticle Scattering in the Proximity of Charge Instabilities. Physical Review Letters, 1995, 75, 4650-4653.	2.9	413
2	Interaction-driven metal-insulator transitions in disordered fermion systems. Physical Review B, 1984, 30, 527-543.	1.1	367
3	Magnetic structure of V ₂ O ₃ in the insulating phase. Physical Review B, 1978, 18, 4945-4966.	1.1	316
4	Strongly Correlated Superconductivity. Science, 2002, 296, 2364-2366.	6.0	220
5	Title is missing!. Journal of Physics A, 1986, 19, L429-L432.	1.6	207
6	Pseudogap and spectral function from superconducting fluctuations to the bosonic limit. Physical Review B, 2002, 66, .	1.1	174
7	Colloquium: Modeling the unconventional superconducting properties of expanded C ₆₀ fullerides. Reviews of Modern Physics, 2009, 81, 041301.	16.4	162
8	Spin fluctuations in disordered interacting electrons. Physical Review B, 1984, 30, 1596-1598.	1.1	158
9	Non-Fermi-liquid behavior and d-wave superconductivity near the charge-density-wave quantum critical point. Zeitschrift für Physik B-Condensed Matter, 1996, 103, 137-144.	1.1	152
10	Metallic phase and metal-insulator transition in two-dimensional electronic systems. Physical Review B, 1998, 57, R9381-R9384.	1.1	148
11	Superconductivity, phase separation, and charge-transfer instability in the $U \rightarrow \infty$ limit of the three-band model of the CuO ₂ planes. Physical Review Letters, 1991, 67, 259-262.	2.9	144
12	Fermi systems with strong forward scattering. Advances in Physics, 1998, 47, 317-445.	35.9	142
13	New Model Hamiltonian for the Metal-Insulator Transition. Physical Review Letters, 1979, 43, 1957-1960.	2.9	138
14	d-wave superconductivity near charge instabilities. Physical Review B, 1996, 54, 16216-16225.	1.1	137
15	Fermi-liquid theory of interacting disordered systems and the scaling theory of the metal-insulator transition. Physical Review Letters, 1987, 59, 323-326.	2.9	128
16	Dimensional crossover from Fermi to Luttinger liquid. Physical Review Letters, 1994, 72, 316-319.	2.9	126
17	Thermodynamic fluctuations in the high-T _c perovskite superconductors. Physical Review B, 1988, 37, 537-540.	1.1	119
18	Electron-phonon interactions in the presence of strong correlations. Physical Review B, 1994, 50, 16880-16898.	1.1	116

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19	Nonlinear optical effects and third-harmonic generation in superconductors: Cooper pairs versus Higgs mode contribution. <i>Physical Review B</i> , 2016, 93, .	1.1	109
20	Metal-insulator transition in pure and Cr-doped V_2O_3 . <i>Physical Review B</i> , 1978, 18, 5001-5013.	1.1	108
21	Insulating phase of V_2O_3 : An attempt at a realistic calculation. <i>Physical Review B</i> , 1978, 18, 4967-5000.	1.1	106
22	Electron-Phonon Interaction Close to a Mott Transition. <i>Physical Review Letters</i> , 2005, 94, 026401.	2.9	102
23	First-Order Pairing Transition and Single-Particle Spectral Function in the Attractive Hubbard Model. <i>Physical Review Letters</i> , 2002, 88, 126403.	2.9	90
24	Energetic balance of the superconducting transition across the BCS-Bose Einstein crossover in the attractive Hubbard model. <i>Physical Review B</i> , 2005, 72, .	1.1	86
25	Pairing and superconductivity from weak to strong coupling in the attractive Hubbard model. <i>New Journal of Physics</i> , 2005, 7, 7-7.	1.2	83
26	Broadening of the Berezinskii-Kosterlitz-Thouless superconducting transition by inhomogeneity and finite-size effects. <i>Physical Review B</i> , 2009, 80, .	1.1	82
27	Cluster-dynamical mean-field theory of the density-driven Mott transition in the one-dimensional Hubbard model. <i>Physical Review B</i> , 2004, 69, .	1.1	81
28	Two-gap model for underdoped cuprate superconductors. <i>Physical Review B</i> , 2000, 62, R9295-R9298.	1.1	77
29	Effective Landau theory for disordered interacting electron systems: Specific-heat behavior. <i>Physical Review B</i> , 1986, 34, 5935-5938.	1.1	75
30	Phase Separation Close to the Density-Driven Mott Transition in the Hubbard-Holstein Model. <i>Physical Review Letters</i> , 2004, 92, 106401.	2.9	75
31	Effective action for superconductors and BCS-Bose crossover. <i>Physical Review B</i> , 1999, 60, 564-573.	1.1	74
32	Static versus dynamical mean-field theory of Mott antiferromagnets. <i>Physical Review B</i> , 2006, 73, .	1.1	74
33	Phase separation frustrated by the long-range Coulomb interaction. I. Theory. <i>Physical Review B</i> , 2001, 64, .	1.1	72
34	Strongly Correlated Superconductivity and Pseudogap Phase near a Multiband Mott Insulator. <i>Physical Review Letters</i> , 2004, 93, 047001.	2.9	72
35	Kosterlitz-Thouless Behavior in Layered Superconductors: The Role of the Vortex Core Energy. <i>Physical Review Letters</i> , 2007, 98, 117008.	2.9	72
36	Thermal conductivity in disordered interacting-electron systems. <i>Physical Review Letters</i> , 1987, 59, 477-480.	2.9	68

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37	Enhancement of the spin susceptibility in disordered interacting electrons and the metal-insulator transition. <i>Physical Review B</i> , 1986, 33, 6169-6176.	1.1	65
38	Nonrelativistic Dynamics of the Amplitude (Higgs) Mode in Superconductors. <i>Physical Review Letters</i> , 2015, 115, 157002.	2.9	65
39	Leggett modes in iron-based superconductors as a probe of time-reversal symmetry breaking. <i>Physical Review B</i> , 2013, 88, .	1.1	64
40	Temperature Dependence of the Optical Spectral Weight in the Cuprates: Role of Electron Correlations. <i>Physical Review Letters</i> , 2005, 95, 097002.	2.9	62
41	Instabilities of anisotropic interacting Fermi systems. <i>Physical Review Letters</i> , 1992, 69, 1703-1706.	2.9	58
42	STRIPE FORMATION: A QUANTUM CRITICAL POINT FOR CUPRATE SUPERCONDUCTORS. <i>Journal of Physics and Chemistry of Solids</i> , 1998, 59, 1694-1698.	1.9	58
43	Dephasing Time in Disordered Systems. <i>Physical Review Letters</i> , 1986, 56, 1179-1182.	2.9	57
44	Renormalization-group approach to the infrared behavior of a zero-temperature Bose system. <i>Physical Review B</i> , 2004, 69, .	1.1	57
45	Electron-Phonon Interaction and Antiferromagnetic Correlations. <i>Physical Review Letters</i> , 2006, 97, 046404.	2.9	55
46	Universal scaling of the order-parameter distribution in strongly disordered superconductors. <i>Physical Review B</i> , 2013, 87, .	1.1	54
47	Infrared Behavior of Interacting Bosons at Zero Temperature. <i>Physical Review Letters</i> , 1997, 78, 1612-1615.	2.9	52
48	Effective medium theory for superconducting layers: A systematic analysis including space correlation effects. <i>Physical Review B</i> , 2011, 84, .	1.1	52
49	Charge collective modes and dynamic pairing in the three-band Hubbard model. II. Strong-coupling limit. <i>Physical Review B</i> , 1993, 47, 3331-3346.	1.1	50
50	Phase fluctuations, dissipation, and superfluid stiffness ind-wave superconductors. <i>Physical Review B</i> , 2001, 63, .	1.1	50
51	Mesoscopic frustrated phase separation in electronic systems. <i>Europhysics Letters</i> , 2002, 57, 704-710.	0.7	50
52	Collective excitations, photoemission spectra, and optical gaps in strongly correlated Fermi systems. <i>Physical Review Letters</i> , 1992, 69, 2009-2012.	2.9	48
53	Lower and upper Hubbard bands: A slave-boson treatment. <i>Physical Review B</i> , 1993, 48, 11453-11456.	1.1	45
54	Superconductive fluctuations in the density of states and tunneling resistance in high-Tc superconductors. <i>Physical Review B</i> , 1990, 42, 10211-10219.	1.1	44

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55	Striped phases in the two-dimensional Hubbard model with long-range Coulomb interaction. <i>Physical Review B</i> , 1998, 58, 13506-13509.	1.1	44
56	Spin orbit coupling in disordered interacting electron gas. <i>Solid State Communications</i> , 1984, 52, 261-264.	0.9	43
57	Spectroscopic and thermodynamic properties in a four-band model for pnictides. <i>Physical Review B</i> , 2009, 80, .	1.1	42
58	Superfluid Density and Phase Relaxation in Superconductors with Strong Disorder. <i>Physical Review Letters</i> , 2012, 108, 207004.	2.9	41
59	Optical excitation of phase modes in strongly disordered superconductors. <i>Physical Review B</i> , 2014, 89, .	1.1	41
60	Phase Separation and Superconductivity in the Kondo-like Spin-Hole Coupled Model. <i>Europhysics Letters</i> , 1991, 14, 597-602.	0.7	40
61	Spectral properties of incommensurate charge-density wave systems. <i>European Physical Journal B</i> , 2000, 13, 87-97.	0.6	39
62	Renormalized band structure of CuO ₂ layers in superconducting compounds: A mean-field approach. <i>Physical Review B</i> , 1990, 42, 6233-6237.	1.1	38
63	Anderson localization in bipartite lattices. <i>Nuclear Physics B</i> , 2000, 583, 542-583.	0.9	38
64	On the upper critical dimension in Anderson localisation. <i>Journal of Physics A</i> , 1986, 19, L1099-L1103.	1.6	37
65	Relevance of phonon dynamics in strongly correlated systems coupled to phonons: Dynamical mean-field theory analysis. <i>Physical Review B</i> , 2006, 73, .	1.1	37
66	Polarization dependence of the third-harmonic generation in multiband superconductors. <i>Physical Review B</i> , 2018, 97, .	1.1	37
67	Phase separation frustrated by the long-range Coulomb interaction. II. Applications. <i>Physical Review B</i> , 2001, 64, .	1.1	36
68	Multiple gaps and superfluid density from interband pairing in a four-band model of the iron oxypnictides. <i>Physical Review B</i> , 2008, 78, .	1.1	36
69	Thermoelectric power in disordered electronic systems near the Anderson transition. <i>Physical Review B</i> , 1988, 37, 6663-6666.	1.1	35
70	Correct formulation of the 1/N expansion for the slave-boson approach within the functional integral. <i>Physical Review B</i> , 1994, 50, 2700-2703.	1.1	34
71	Theory of fluctuation conductivity from interband pairing in pnictide superconductors. <i>Physical Review B</i> , 2009, 79, .	1.1	34
72	Mean-field phase diagram of a two-band t-J model for CuO ₂ layers. <i>Physical Review B</i> , 1991, 43, 8000-8004.	1.1	33

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73	Melting of the Vortex Lattice through Intermediate Hexatic Fluid in an MoGe Thin Film. Physical Review Letters, 2019, 122, 047001.	2.9	33
74	Spin-orbit induced anisotropy in the magnetoconductance of two-dimensional metals. Physical Review B, 2001, 64, .	1.1	32
75	PHASE SEPARATION AND SUPERCONDUCTIVITY IN THE $U \rightarrow \infty$ LIMIT OF THE EXTENDED MULTIBAND HUBBARD MODEL. International Journal of Modern Physics B, 1991, 05, 309-321.	1.0	31
76	Unconventional Hall Effect in Pnictides from Interband Interactions. Physical Review Letters, 2012, 109, 096402.	2.9	31
77	Third harmonic generation from collective modes in disordered superconductors. Physical Review B, 2021, 103, .	1.1	31
78	Phase separation, charge-transfer instability, and superconductivity in the three-band extended Hubbard model: Weak-coupling theory. Physical Review B, 1991, 43, 13724-13727.	1.1	29
79	Functional-integral formulation of the slave-boson approach: Beyond the mean-field treatment with the correct continuum limit. Physics Reports, 1994, 241, 291-369.	10.3	29
80	Optical signatures of the superconducting Goldstone mode in granular aluminum: Experiments and theory. Physical Review B, 2017, 96, .	1.1	29
81	Kinks in the Electronic Specific Heat. Physical Review Letters, 2009, 102, 076402.	2.9	28
82	Electron-Phonon Interaction in Strongly Correlated Systems. Advances in Condensed Matter Physics, 2010, 2010, 1-18.	0.4	28
83	Metal-insulator superconductor transition in low-dimensional superconducting clusters embedded in two-dimensional electron systems. New Journal of Physics, 2013, 15, 023014.	1.2	26
84	Application of the Mattis-Bardeen theory in strongly disordered superconductors. Physical Review B, 2017, 96, .	1.1	26
85	Possible occurrence of band interplay in high T_c superconductors. Physica C: Superconductivity and Its Applications, 1988, 153-155, 1659-1660.	0.6	25
86	Coherence length in superconductors from weak to strong coupling. Physical Review B, 2002, 66, .	1.1	25
87	Energy diffusion in disordered electronic systems near the Anderson transition. Physical Review B, 1987, 36, 2270-2276.	1.1	24
88	Doping dependence of the vortex-core energy in bilayer films of cuprates. Physical Review B, 2008, 77, .	1.1	24
89	Towards a microscopic theory of the metal-insulator transition. Nuclear Physics B, 1983, 225, 441-465.	0.9	23
90	Broadening of the Berezinskii-Kosterlitz-Thouless transition by correlated disorder. Physical Review B, 2017, 96, .	1.1	23

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91	Zeeman spin-splitting-frequency renormalization in disordered interacting electronic systems. <i>Physical Review B</i> , 1990, 42, 4724-4737.	1.1	21
92	Critical behavior of the Hall coefficient near the mobility edge. <i>Physical Review Letters</i> , 1992, 68, 2504-2507.	2.9	21
93	Crossover from Luttinger to Fermi liquid by increasing dimension. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 235-240, 99-102.	0.6	19
94	Sine-Gordon Description of Beresinskii-Kosterlitz-Thouless Vortices in Superconductors Immersed in an External Magnetic Field. <i>Physical Review Letters</i> , 2007, 99, 207002.	2.9	19
95	Renormalizability of the density of states of interacting disordered electron system. <i>Physical Review B</i> , 1984, 30, 1593-1595.	1.1	18
96	Heat-transport Ward identity and effective Landau Fermi-liquid parameters in disordered systems. <i>Physical Review B</i> , 1988, 37, 9046-9048.	1.1	18
97	Finite-density corrections to the unitary Fermi gas: A lattice perspective from dynamical mean-field theory. <i>Physical Review B</i> , 2010, 81, .	1.1	18
98	Arbitrariness and symmetry properties of the functional formulation of the Hubbard hamiltonian. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1979, 70, 37-40.	0.9	17
99	Decimation approach in quantum systems. <i>Nuclear Physics B</i> , 1982, 200, 45-60.	0.9	17
100	The renormalization-group approach for Fermi systems in the presence of singular forward scattering. <i>Nuclear Physics B</i> , 2001, 594, 747-768.	0.9	17
101	Gutzwiller scheme for electrons and phonons: The half-filled Hubbard-Holstein model. <i>Physical Review B</i> , 2008, 77, .	1.1	16
102	Fermi-liquid versus non-Fermi-liquid behavior in a two-band model of high-temperature superconductivity. <i>Physical Review B</i> , 1989, 39, 2876-2879.	1.1	15
103	Charge collective modes and dynamic pairing in the three-band Hubbard model. I. Weak-coupling limit. <i>Physical Review B</i> , 1993, 47, 3323-3330.	1.1	15
104	KONDO LATTICE HAMILTONIAN FOR HIGH T _c SUPERCONDUCTORS. <i>International Journal of Modern Physics B</i> , 1988, 02, 659-665.	1.0	14
105	The physics of the stripe quantum critical point in the superconducting cuprates. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 1715-1718.	0.6	14
106	Enhancement of interaction constants in disordered systems: Experimental evidence. <i>Physical Review B</i> , 1986, 33, 7277-7280.	1.1	13
107	Charge fluctuations in the four-band extended Hubbard model. <i>Physical Review B</i> , 1995, 52, 6880-6893.	1.1	13
108	Influence of electron-phonon interaction on superexchange. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1997, 227, 120-126.	0.9	13

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109	Nonlinear effects and dephasing in disordered electron systems. <i>Physical Review B</i> , 1999, 60, 5818-5831.	1.1	13
110	Charge and spin inhomogeneity as a key to the physics of the high-Tc cuprates. <i>Physica B: Condensed Matter</i> , 2000, 280, 196-200.	1.3	13
111	Effect of mesoscopic inhomogeneities on local tunneling density of states in cuprates. <i>Physical Review B</i> , 2005, 71, .	1.1	13
112	Effective electron-phonon coupling and polaronic transition in the presence of strong correlation. <i>Physical Review B</i> , 2006, 73, .	1.1	13
113	Antiferromagnetism of CuO ₂ layers within a slave-boson approach. <i>Physical Review B</i> , 1990, 41, 4838-4841.	1.1	12
114	Phase separation in the large-N limit of the t-J model. <i>Physical Review B</i> , 1992, 45, 10805-10808.	1.1	12
115	Phase fluctuations in superconductors: From Galilean invariant to quantum XY models. <i>Physical Review B</i> , 2001, 64, .	1.1	12
116	The BKT Universality Class in the Presence of Correlated Disorder. <i>Condensed Matter</i> , 2018, 3, 8.	0.8	12
117	Gauge invariance and the multiplicative renormalisation group in the Anderson transition. <i>Journal of Physics C: Solid State Physics</i> , 1983, 16, 159-169.	1.5	11
118	Transport coefficients close to the mobility edge and nonlinear \hat{f} -model composite operators. <i>Physical Review B</i> , 1987, 36, 7407-7416.	1.1	11
119	Critical behavior of the thermopower near the metal-insulator transition. <i>Physical Review B</i> , 1991, 43, 11088-11092.	1.1	11
120	SINGLE PARTICLE AND OPTICAL GAPS IN CHARGE-TRANSFER INSULATORS. <i>International Journal of Modern Physics B</i> , 1992, 06, 531-545.	1.0	11
121	Strongly correlated superconductivity arising in a pseudogap metal. <i>Physical Review B</i> , 2008, 77, .	1.1	11
122	Amplitude, density, and current correlations of strongly disordered superconductors. <i>Physical Review B</i> , 2015, 92, .	1.1	11
123	Interplay of spin waves and vortices in the two-dimensional XY model at small vortex-core energy. <i>Physical Review B</i> , 2020, 102, .	1.1	11
124	Quasiparticle Conductivities in Disordered d-Wave Superconductors. <i>Physical Review Letters</i> , 2002, 88, 076603.	2.9	10
125	Extended Gutzwiller wave function for the Hubbard-Holstein model. <i>Europhysics Letters</i> , 2007, 79, 47003.	0.7	10
126	Current-current Fermi-liquid corrections to the superconducting fluctuations on conductivity and diamagnetism. <i>Physical Review B</i> , 2012, 85, .	1.1	10

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127	Kinetic equation for strongly disordered systems: Noninteracting electrons. <i>Physical Review B</i> , 1989, 40, 12237-12254.	1.1	9
128	Crossover exponent for a weak magnetic field at the localization orthogonal fixed point. <i>Nuclear Physics B</i> , 1990, 340, 617-632.	0.9	9
129	The charge-density-wave quantum-critical-point scenario. <i>Physica C: Superconductivity and Its Applications</i> , 1997, 282-287, 260-263.	0.6	9
130	Relation between the conductivity, the ultrasonic attenuation, and nonlinear σ -model composite operators at the Anderson transition. <i>Physical Review B</i> , 1986, 34, 9012-9014.	1.1	8
131	Electronic Thermal Conductivity in Disordered Systems near the Anderson Transition. <i>Europhysics Letters</i> , 1987, 4, 91-96.	0.7	8
132	Comment on "Fermions with long-range interaction". <i>Physical Review B</i> , 1997, 55, 2676-2677.	1.1	8
133	Doping-driven transition to a time-reversal breaking state in the phase diagram of the cuprates. <i>Physical Review B</i> , 2003, 67, .	1.1	8
134	Disordered XY model: Effective medium theory and beyond. <i>Physical Review B</i> , 2019, 99, .	1.1	8
135	Renormalization-group analysis of the spin susceptibility of an interacting disordered electron system. <i>Physical Review B</i> , 1986, 34, 1349-1351.	1.1	7
136	Kinetic equation for noninteracting electrons in the presence of strongly disordered magnetic impurities. <i>Physical Review B</i> , 1989, 39, 4824-4827.	1.1	6
137	Electronic and magnetic correlations in an itinerant system of coupled diamagnetic pairs of electrons. <i>Journal of Physics C: Solid State Physics</i> , 1979, 12, 1541-1559.	1.5	5
138	Metal-Insulator Transition and Landau Fermi Liquid Theory. , 1985, , 215-228.		5
139	Kinetic equation for strongly disordered systems. II. Interacting electrons. <i>Physical Review B</i> , 1991, 44, 6078-6089.	1.1	5
140	Comment on "Electronic model for superconductivity". <i>Physical Review Letters</i> , 1994, 72, 3626-3626.	0.9	5
141	Phase separation and superconductivity in strongly interacting electron systems. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 235-240, 2155-2156.	0.6	5
142	Phase separation and charge density waves: Possible sources of non-Fermi liquid behavior and pairing in high-temperature superconductors. <i>Journal of Superconductivity and Novel Magnetism</i> , 1996, 9, 413-424.	0.5	5
143	Generalized plasma waves in layered superconductors: A unified approach. <i>Physical Review Research</i> , 2022, 4, .	1.3	5
144	Disordered electron systems with Hubbard interaction. <i>Physical Review B</i> , 1986, 34, 5907-5908.	1.1	4

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145	Comment on "Effects of Strong Coulomb Correlations on the Phonon-Mediated Superconductivity: A Model Inspired by Copper Oxides". Physical Review Letters, 1995, 74, 1488-1488.	2.9	4
146	Stripe ordering and two-gap model for underdoped cuprates. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1739-1742.	0.6	4
147	Quasiparticle dephasing time in disordered d-wave superconductors. Physical Review B, 2005, 72, .	1.1	4
148	Kinks: Fingerprints of strong electronic correlations. Journal of Physics: Conference Series, 2010, 200, 012207.	0.3	4
149	Berezinskii "Kosterlitz" Thouless Transition within the Sine-Gordon Approach: The Role of the Vortex-Core Energy. , 2013, , 161-199.		4
150	A study of the two-magnon Raman scattering in the Heisenberg antiferromagnets CoF ₂ and FeF ₂ using a realistic model hamiltonian. Journal of Physics C: Solid State Physics, 1974, 7, 1353-1373.	1.5	3
151	ELECTRON-PHONON COUPLING CLOSE TO A METAL-INSULATOR TRANSITION IN ONE DIMENSION. International Journal of Modern Physics B, 1996, 10, 1439-1451.	1.0	3
152	Breakdown of Fermi liquid in correlated electron systems. Physica A: Statistical Mechanics and Its Applications, 1999, 263, 197-207.	1.2	3
153	Comment on "Metal-Insulator Transition of Disordered Interacting Electrons". Physical Review Letters, 2000, 84, 4779-4779.	2.9	3
154	Electronic and structural phase separation in strongly correlated systems. Journal of Physics A, 2003, 36, 9165-9185.	1.6	3
155	Kane-Fisher weak link physics in the clean scratched XY model. Physical Review B, 2019, 99, .	1.1	3
156	Uniformly Frustrated XY Model: Strengthening of the Vortex Lattice by Intrinsic Disorder. Condensed Matter, 2021, 6, 42.	0.8	3
157	The magnetic field crossover exponent problem revisited. Physica A: Statistical Mechanics and Its Applications, 1990, 167, 294-300.	1.2	2
158	Scaling theory of the Hall coefficient near the metal-insulator transition, a renormalization-group approach. Nuclear Physics B, 1994, 415, 589-629.	0.9	2
159	Disorder effects in the t-J model. Physical Review B, 1995, 51, 11996-11999.	1.1	2
160	Curie temperature and frustrated phase separation in manganites. Physica B: Condensed Matter, 2002, 320, 56-59.	1.3	2
161	The role of the impurity-potential range in disordered d-wave superconductors. Journal of Statistical Mechanics: Theory and Experiment, 2007, 2007, P02014-P02014.	0.9	2
162	Adiabatic transition from a BCS superconductor to a Fermi liquid and phase dynamics. Physical Review B, 2022, 105, .	1.1	2

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163	Spin-wave renormalization in a two-sublattice Heisenberg ferromagnet by the green-function method. Physica, 1973, 66, 195-203.	0.9	1
164	Localization in ordered systems. Lecture Notes in Physics, 1981, , 240-256.	0.3	1
165	Kinetic equation for electrons in strongly disordered systems. Physica C: Superconductivity and Its Applications, 1988, 153-155, 697-698.	0.6	1
166	Superconductivity, phase separation and charge transfer instability in the $U = \infty$ limit of the three band model of the CuO ₂ planes. Physica C: Superconductivity and Its Applications, 1991, 185-189, 1525-1526.	0.6	1
167	Fermi surface and photoemission lineshape of incommensurate CDW systems. International Journal of Modern Physics B, 2000, 14, 3679-3684.	1.0	1
168	The Stripe-Phase Quantum-Critical-Point Scenario for High-Tc Superconductors. , 2002, , 45-53.		1
169	Electron-phonon interaction in proximity of a Mott transition. Physica B: Condensed Matter, 2005, 359-361, 636-638.	1.3	1
170	Polaron formation in cuprates. Physica C: Superconductivity and Its Applications, 2007, 460-462, 263-266.	0.6	1
171	Toschietal.Reply:. Physical Review Letters, 2010, 104, .	2.9	1
172	Current Correlations in Strongly Disordered Superconductors. Journal of Superconductivity and Novel Magnetism, 2016, 29, 577-580.	0.8	1
173	Evaluation of the spin wave Green's functions for rutile structure Heisenberg antiferromagnets with exchange between ions both on the same and opposite sublattices. Journal of Physics and Chemistry of Solids, 1975, 36, 839-846.	1.9	0
174	Metal-insulator transition in disordered systems. Journal of Non-Crystalline Solids, 1985, 77-78, 25-28.	1.5	0
175	Transport in Disordered Many-Body Systems. Physica Scripta, 1989, T29, 130-134.	1.2	0
176	Itinerant vs. localized antiferromagnetism of CuO 2 layers. Physica C: Superconductivity and Its Applications, 1989, 162-164, 785-786.	0.6	0
177	Fermi Surface and Electronic Structure of Incommensurate Charge-Density Wave Systems. Journal of Superconductivity and Novel Magnetism, 2000, 13, 911-912.	0.5	0
178	On Localization Effects in Underdoped Cuprates. , 2002, , 361-367.		0
179	Domain Wall Structures in the Two-Dimensional Hubbard Model with Long-Range Coulomb Interaction. , 2002, , 151-157.		0
180	FIRST-ORDER PAIRING TRANSITION AND PHASE SEPARATION IN THE ATTRACTIVE HUBBARD MODEL. International Journal of Modern Physics B, 2003, 17, 590-596.	1.0	0

#	ARTICLE	IF	CITATIONS
181	Maximum size of self-organized inhomogeneities in electronic systems. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1021-E1022.	1.0	0
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