

Claudio Castellani

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Generalized plasma waves in layered superconductors: A unified approach. <i>Physical Review Research</i> , 2022, 4, .	1.3	5
2	Adiabatic transition from a BCS superconductor to a Fermi liquid and phase dynamics. <i>Physical Review B</i> , 2022, 105, .	1.1	2
3	Third harmonic generation from collective modes in disordered superconductors. <i>Physical Review B</i> , 2021, 103, .	1.1	31
4	Uniformly Frustrated XY Model: Strengthening of the Vortex Lattice by Intrinsic Disorder. <i>Condensed Matter</i> , 2021, 6, 42.	0.8	3
5	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
6	Melting of the Vortex Lattice through Intermediate Hexatic Fluid in an MoGe Thin Film. <i>Physical Review Letters</i> , 2019, 122, 047001.	2.9	33
7	Kane-Fisher weak link physics in the clean scratched XY model. <i>Physical Review B</i> , 2019, 99, .	1.1	3
8	Disordered XY model: Effective medium theory and beyond. <i>Physical Review B</i> , 2019, 99, .	1.1	8
9	Polarization dependence of the third-harmonic generation in multiband superconductors. <i>Physical Review B</i> , 2018, 97, .	1.1	37
10	The BKT Universality Class in the Presence of Correlated Disorder. <i>Condensed Matter</i> , 2018, 3, 8.	0.8	12
11	Application of the Mattis-Bardeen theory in strongly disordered superconductors. <i>Physical Review B</i> , 2017, 96, .	1.1	26
12	Optical signatures of the superconducting Goldstone mode in granular aluminum: Experiments and theory. <i>Physical Review B</i> , 2017, 96, .	1.1	29
13	Broadening of the Berezinskii-Kosterlitz-Thouless transition by correlated disorder. <i>Physical Review B</i> , 2017, 96, .	1.1	23
14	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
15	Current Correlations in Strongly Disordered Superconductors. <i>Journal of Superconductivity and Novel Magnetism</i> , 2016, 29, 577-580.	0.8	1
16	Amplitude, density, and current correlations of strongly disordered superconductors. <i>Physical Review B</i> , 2015, 92, .	1.1	11
17	Nonrelativistic Dynamics of the Amplitude (Higgs) Mode in Superconductors. <i>Physical Review Letters</i> , 2015, 115, 157002.	2.9	65
18	Optical excitation of phase modes in strongly disordered superconductors. <i>Physical Review B</i> , 2014, 89, .	1.1	41

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19	Universal scaling of the order-parameter distribution in strongly disordered superconductors. Physical Review B, 2013, 87, .	1.1	54
20	Berezinskii-Kosterlitz-Thouless Transition within the Sine-Gordon Approach: The Role of the Vortex-Core Energy. , 2013, , 161-199.		4
21	Leggett modes in iron-based superconductors as a probe of time-reversal symmetry breaking. Physical Review B, 2013, 88, .	1.1	64
22	Metal-superconductor transition in low-dimensional superconducting clusters embedded in two-dimensional electron systems. New Journal of Physics, 2013, 15, 023014.	1.2	26
23	Current-current Fermi-liquid corrections to the superconducting fluctuations on conductivity and diamagnetism. Physical Review B, 2012, 85, .	1.1	10
24	Unconventional Hall Effect in Pnictides from Interband Interactions. Physical Review Letters, 2012, 109, 096402.	2.9	31
25	Superfluid Density and Phase Relaxation in Superconductors with Strong Disorder. Physical Review Letters, 2012, 108, 207004.	2.9	41
26	Effective medium theory for superconducting layers: A systematic analysis including space correlation effects. Physical Review B, 2011, 84, .	1.1	52
27	Kinks: Fingerprints of strong electronic correlations. Journal of Physics: Conference Series, 2010, 200, 012207.	0.3	4
28	Electron-Phonon Interaction in Strongly Correlated Systems. Advances in Condensed Matter Physics, 2010, 2010, 1-18.	0.4	28
29	Finite-density corrections to the unitary Fermi gas: A lattice perspective from dynamical mean-field theory. Physical Review B, 2010, 81, .	1.1	18
30	Toschietal.Reply:. Physical Review Letters, 2010, 104, .	2.9	1
31	Broadening of the Berezinskii-Kosterlitz-Thouless superconducting transition by inhomogeneity and finite-size effects. Physical Review B, 2009, 80, .	1.1	82
32	Theory of fluctuation conductivity from interband pairing in pnictide superconductors. Physical Review B, 2009, 79, .	1.1	34
33	Spectroscopic and thermodynamic properties in a four-band model for pnictides. Physical Review B, 2009, 80, .	1.1	42
34	Colloquium: Modeling the unconventional superconducting properties of expanded fullerides. Reviews of Modern Physics, 2009, 81, 943-958.	1.1	164
35	Kinks in the Electronic Specific Heat. Physical Review Letters, 2009, 102, 076402.	2.9	28
36	Disordered loops in the two-dimensional antiferromagnetic spin-fermion model. Nuclear Physics B, 2008, 795, 578-595.	0.9	0

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37	Doping dependence of the vortex-core energy in bilayer films of cuprates. <i>Physical Review B</i> , 2008, 77, .	1.1	24
38	Strongly correlated superconductivity arising in a pseudogap metal. <i>Physical Review B</i> , 2008, 77, .	1.1	11
39	Gutzwiller scheme for electrons and phonons: The half-filled Hubbard-Holstein model. <i>Physical Review B</i> , 2008, 77, .	1.1	16
40	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
41	The role of the impurity-potential range in disordered d-wave superconductors. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2007, 2007, P02014-P02014.	0.9	2
42	Extended Gutzwiller wave function for the Hubbard-Holstein model. <i>Europhysics Letters</i> , 2007, 79, 47003.	0.7	10
43	Kosterlitz-Thouless Behavior in Layered Superconductors: The Role of the Vortex Core Energy. <i>Physical Review Letters</i> , 2007, 98, 117008.	2.9	72
44	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
45	Polaron formation in cuprates. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 263-266.	0.6	1
46	Optical spectral weight anomalies and strong correlation. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 1045-1046.	0.6	0
47	Electron-Phonon Interaction and Antiferromagnetic Correlations. <i>Physical Review Letters</i> , 2006, 97, 046404.	2.9	55
48	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
49	Effective electron-phonon coupling and polaronic transition in the presence of strong correlation. <i>Physical Review B</i> , 2006, 73, .	1.1	13
50	Publisher's Note: Electron-Phonon Interaction and Antiferromagnetic Correlations [<i>Phys. Rev. Lett.</i> 97, 046404 (2006)]. <i>Physical Review Letters</i> , 2006, 97, .	2.9	0
51	Static versus dynamical mean-field theory of Mott antiferromagnets. <i>Physical Review B</i> , 2006, 73, .	1.1	74
52	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
53	Electron-phonon interaction in proximity of a Mott transition. <i>Physica B: Condensed Matter</i> , 2005, 359-361, 636-638.	1.3	1
54	Effect of mesoscopic inhomogeneities on local tunneling density of states in cuprates. <i>Physical Review B</i> , 2005, 71, .	1.1	13

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55	Electron-Phonon Interaction Close to a Mott Transition. Physical Review Letters, 2005, 94, 026401.	2.9	102
56	Quasiparticle dephasing time in disordered d-wave superconductors. Physical Review B, 2005, 72, .	1.1	4
57	Temperature Dependence of the Optical Spectral Weight in the Cuprates: Role of Electron Correlations. Physical Review Letters, 2005, 95, 097002.	2.9	62
58	Pairing and superconductivity from weak to strong coupling in the attractive Hubbard model. New Journal of Physics, 2005, 7, 7-7.	1.2	83
59	Phase Separation Close to the Density-Driven Mott Transition in the Hubbard-Holstein Model. Physical Review Letters, 2004, 92, 106401.	2.9	75
60	Renormalization-group approach to the infrared behavior of a zero-temperature Bose system. Physical Review B, 2004, 69, .	1.1	57
61	Strongly Correlated Superconductivity and Pseudogap Phase near a Multiband Mott Insulator. Physical Review Letters, 2004, 93, 047001.	2.9	72
62	Cluster-dynamical mean-field theory of the density-driven Mott transition in the one-dimensional Hubbard model. Physical Review B, 2004, 69, .	1.1	81
63	Maximum size of self-organized inhomogeneities in electronic systems. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1021-E1022.	1.0	0
64	Enhancement of superconductivity close to a Mott transition. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E133-E134.	1.0	0
65	Doping-driven transition to a time-reversal breaking state in the phase diagram of the cuprates. Physical Review B, 2003, 67, .	1.1	8
66	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
67	Electronic and structural phase separation in strongly correlated systems. Journal of Physics A, 2003, 36, 9165-9185.	1.6	3
68	Coherence length in superconductors from weak to strong coupling. Physical Review B, 2002, 66, .	1.1	25
69	First-Order Pairing Transition and Single-Particle Spectral Function in the Attractive Hubbard Model. Physical Review Letters, 2002, 88, 126403.	2.9	90
70	Quasiparticle Conductivities in Disordered d-Wave Superconductors. Physical Review Letters, 2002, 88, 076603.	2.9	10
71	Pseudogap and spectral function from superconducting fluctuations to the bosonic limit. Physical Review B, 2002, 66, .	1.1	174
72	On Localization Effects in Underdoped Cuprates. , 2002, , 361-367.		0

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73	Mesoscopic frustrated phase separation in electronic systems. <i>Europhysics Letters</i> , 2002, 57, 704-710.	0.7	50
74	Domain Wall Structures in the Two-Dimensional Hubbard Model with Long-Range Coulomb Interaction. , 2002, , 151-157.		0
75	Strongly Correlated Superconductivity. <i>Science</i> , 2002, 296, 2364-2366.	6.0	220
76	The Stripe-Phase Quantum-Critical-Point Scenario for High-Tc Superconductors. , 2002, , 45-53.		1
77	Curie temperature and frustrated phase separation in manganites. <i>Physica B: Condensed Matter</i> , 2002, 320, 56-59.	1.3	2
78	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
79	Spin-orbit induced anisotropy in the magnetoconductance of two-dimensional metals. <i>Physical Review B</i> , 2001, 64, .	1.1	32
80	Phase separation frustrated by the long-range Coulomb interaction. II. Applications. <i>Physical Review B</i> , 2001, 64, .	1.1	36
81	Phase fluctuations, dissipation, and superfluid stiffness ind-wave superconductors. <i>Physical Review B</i> , 2001, 63, .	1.1	50
82	Phase fluctuations in superconductors: From Galilean invariant to quantumXYmodels. <i>Physical Review B</i> , 2001, 64, .	1.1	12
83	Phase separation frustrated by the long-range Coulomb interaction. I. Theory. <i>Physical Review B</i> , 2001, 64, .	1.1	72
84	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
85	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
86	Stripe ordering and two-gap model for underdoped cuprates. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 1739-1742.	0.6	4
87	Fermi Surface and Electronic Structure of Incommensurate Charge-Density Wave Systems. <i>Journal of Superconductivity and Novel Magnetism</i> , 2000, 13, 911-912.	0.5	0
88	Spectral properties of incommensurate charge-density wave systems. <i>European Physical Journal B</i> , 2000, 13, 87-97.	0.6	39
89	Fermi surface and photoemission lineshape of incommensurate CDW systems. <i>International Journal of Modern Physics B</i> , 2000, 14, 3679-3684.	1.0	1
90	Two-gap model for underdoped cuprate superconductors. <i>Physical Review B</i> , 2000, 62, R9295-R9298.	1.1	77

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91	Comment on "Metal-Insulator Transition of Disordered Interacting Electrons" Physical Review Letters, 2000, 84, 4779-4779.	2.9	3
92	Anderson localization in bipartite lattices. Nuclear Physics B, 2000, 583, 542-583.	0.9	38
93	Nonlinear effects and dephasing in disordered electron systems. Physical Review B, 1999, 60, 5818-5831.	1.1	13
94	Effective action for superconductors and BCS-Bose crossover. Physical Review B, 1999, 60, 564-573.	1.1	74
95	Breakdown of Fermi liquid in correlated electron systems. Physica A: Statistical Mechanics and Its Applications, 1999, 263, 197-207.	1.2	3
96	STRIPE FORMATION: A QUANTUM CRITICAL POINT FOR CUPRATE SUPERCONDUCTORS. Journal of Physics and Chemistry of Solids, 1998, 59, 1694-1698.	1.9	58
97	Fermi systems with strong forward scattering. Advances in Physics, 1998, 47, 317-445.	35.9	142
98	Metallic phase and metal-insulator transition in two-dimensional electronic systems. Physical Review B, 1998, 57, R9381-R9384.	1.1	148
99	Striped phases in the two-dimensional Hubbard model with long-range Coulomb interaction. Physical Review B, 1998, 58, 13506-13509.	1.1	44
100	Infrared Behavior of Interacting Bosons at Zero Temperature. Physical Review Letters, 1997, 78, 1612-1615.	2.9	52
101	sComment on "Fermions with long-range interaction". Physical Review B, 1997, 55, 2676-2677.	1.1	8
102	The charge-density-wave quantum-critical-point scenario. Physica C: Superconductivity and Its Applications, 1997, 282-287, 260-263.	0.6	9
103	Influence of electron-phonon interaction on superexchange. Physics Letters, Section A: General, Atomic and Solid State Physics, 1997, 227, 120-126.	0.9	13
104	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
105	Phase separation and charge density waves: Possible sources of non-Fermi liquid behavior and pairing in high-temperature superconductors. Journal of Superconductivity and Novel Magnetism, 1996, 9, 413-424.	0.5	5
106	d-wave superconductivity near charge instabilities. Physical Review B, 1996, 54, 16216-16225.	1.1	137
107	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
108	Fermi and Luttinger Liquids in Low-Dimensional Metals. NATO ASI Series Series B: Physics, 1996, , 327-335.	0.2	0

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109	Singular Quasiparticle Scattering in the Proximity of Charge Instabilities. <i>Physical Review Letters</i> , 1995, 75, 4650-4653.	2.9	413
110	Disorder effects in the t - J model. <i>Physical Review B</i> , 1995, 51, 11996-11999.	1.1	2
111	Comment on "Effects of Strong Coulomb Correlations on the Phonon-Mediated Superconductivity: A Model Inspired by Copper Oxides", <i>Physical Review Letters</i> , 1995, 74, 1488-1488.	2.9	4
112	Charge fluctuations in the four-band extended Hubbard model. <i>Physical Review B</i> , 1995, 52, 6880-6893.	1.1	13
113	Conservation Laws in Normal Metals: Luttinger Liquid vs. Fermi Liquid. <i>NATO ASI Series Series B: Physics</i> , 1995, , 251-262.	0.2	0
114	Dimensional crossover from Fermi to Luttinger liquid. <i>Physical Review Letters</i> , 1994, 72, 316-319.	2.9	126
115	Comment on "Electronic model for superconductivity". <i>Physical Review Letters</i> , 1994, 72, 3626-3626.	2.9	5
116	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
117	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
118	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
119	Functional-integral formulation of the slave-boson approach: Beyond the mean-field treatment with the correct continuum limit. <i>Physics Reports</i> , 1994, 241, 291-369.	10.3	29
120	Electron-phonon interactions in the presence of strong correlations. <i>Physical Review B</i> , 1994, 50, 16880-16898.	1.1	116
121	Scaling theory of the Hall coefficient near the metal-insulator transition, a renormalization-group approach. <i>Nuclear Physics B</i> , 1994, 415, 589-629.	0.9	2
122	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
123	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
124	Lower and upper Hubbard bands: A slave-boson treatment. <i>Physical Review B</i> , 1993, 48, 11453-11456.	1.1	45
125	Collective excitations, photoemission spectra, and optical gaps in strongly correlated Fermi systems. <i>Physical Review Letters</i> , 1992, 69, 2009-2012.	2.9	48
126	Phase separation in the large- N limit of the t - J model. <i>Physical Review B</i> , 1992, 45, 10805-10808.	1.1	12

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127	Instabilities of anisotropic interacting Fermi systems. Physical Review Letters, 1992, 69, 1703-1706.	2.9	58
128	Critical behavior of the Hall coefficient near the mobility edge. Physical Review Letters, 1992, 68, 2504-2507.	2.9	21
129	SINGLE PARTICLE AND OPTICAL GAPS IN CHARGE-TRANSFER INSULATORS. International Journal of Modern Physics B, 1992, 06, 531-545.	1.0	11
130	Superconductivity, phase separation and charge transfer instability in the $U = \hat{\alpha}z$ 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
131	Phase Separation and Superconductivity in the Kondo-like Spin-Hole Coupled Model. Europhysics Letters, 1991, 14, 597-602.	0.7	40
132	Mean-field phase diagram of a two-band-tJ model for CuO ₂ layers. Physical Review B, 1991, 43, 8000-8004.	1.1	33
133	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
134	Critical behavior of the thermopower near the metal-insulator transition. Physical Review B, 1991, 43, 11088-11092.	1.1	11
135	Superconductivity, phase separation, and charge-transfer instability in the $U = \hat{\alpha}z$ limit of the three-band model of the CuO ₂ planes. Physical Review Letters, 1991, 67, 259-262.	2.9	144
136	Kinetic equation for strongly disordered systems. II. Interacting electrons. Physical Review B, 1991, 44, 6078-6089.	1.1	5
137	PHASE SEPARATION AND SUPERCONDUCTIVITY IN THE $U = \hat{\alpha}z$ LIMIT OF THE EXTENDED MULTIBAND HUBBARD MODEL. International Journal of Modern Physics B, 1991, 05, 309-321.	1.0	31
138	The magnetic field crossover exponent problem revisited. Physica A: Statistical Mechanics and Its Applications, 1990, 167, 294-300.	1.2	2
139	Zeeman spin-splitting-frequency renormalization in disordered interacting electronic systems. Physical Review B, 1990, 42, 4724-4737.	1.1	21
140	Renormalized band structure of CuO ₂ layers in superconducting compounds: A mean-field approach. Physical Review B, 1990, 42, 6233-6237.	1.1	38
141	Superconductive fluctuations in the density of states and tunneling resistance in high-T _c superconductors. Physical Review B, 1990, 42, 10211-10219.	1.1	44
142	Antiferromagnetism of CuO ₂ layers within a slave-boson approach. Physical Review B, 1990, 41, 4838-4841.	1.1	12
143	Crossover exponent for a weak magnetic field at the localization orthogonal fixed point. Nuclear Physics B, 1990, 340, 617-632.	0.9	9
144	Transport in Disordered Many-Body Systems. Physica Scripta, 1989, T29, 130-134.	1.2	0

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145	Fermi-liquid versus non-Fermi-liquid behavior in a two-band model of high-temperature superconductivity. Physical Review B, 1989, 39, 2876-2879.	1.1	15
146	Kinetic equation for strongly disordered systems: Noninteracting electrons. Physical Review B, 1989, 40, 12237-12254.	1.1	9
147	Kinetic equation for noninteracting electrons in the presence of strongly disordered magnetic impurities. Physical Review B, 1989, 39, 4824-4827.	1.1	6
148	Itinerant vs. localized antiferromagnetism of CuO 2 layers. Physica C: Superconductivity and Its Applications, 1989, 162-164, 785-786.	0.6	0
149	Possible occurrence of band interplay in high Tc superconductors. Physica C: Superconductivity and Its Applications, 1988, 153-155, 1659-1660.	0.6	25
150	Kinetic equation for electrons in strongly disordered systems. Physica C: Superconductivity and Its Applications, 1988, 153-155, 697-698.	0.6	1
151	Heat-transport Ward identity and effective Landau Fermi-liquid parameters in disordered systems. Physical Review B, 1988, 37, 9046-9048.	1.1	18
152	Thermodynamic fluctuations in the high-Tc perovskite superconductors. Physical Review B, 1988, 37, 537-540.	1.1	119
153	Thermoelectric power in disordered electronic systems near the Anderson transition. Physical Review B, 1988, 37, 6663-6666.	1.1	35
154	KONDO LATTICE HAMILTONIAN FOR HIGH Tc SUPERCONDUCTORS. International Journal of Modern Physics B, 1988, 02, 659-665.	1.0	14
155	Thermal Properties of Disordered Interacting Electronic Systems Near the Metal-Insulator Transition. Springer Proceedings in Physics, 1988, , 115-118.	0.1	0
156	Electronic Thermal Conductivity in Disordered Systems near the Anderson Transition. Europhysics Letters, 1987, 4, 91-96.	0.7	8
157	Thermal conductivity in disordered interacting-electron systems. Physical Review Letters, 1987, 59, 477-480.	2.9	68
158	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
159	Energy diffusion in disordered electronic systems near the Anderson transition. Physical Review B, 1987, 36, 2270-2276.	1.1	24
160	Transport coefficients close to the mobility edge and nonlinear \hat{f} -model composite operators. Physical Review B, 1987, 36, 7407-7416.	1.1	11
161	Generalized non linear \hat{D}_{\pm} - Model and effective Landau theory for disordered interacting electron systems. Lecture Notes in Physics, 1987, , 175-198.	0.3	0
162	On the upper critical dimension in Anderson localisation. Journal of Physics A, 1986, 19, L1099-L1103.	1.6	37

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163	Relation between the conductivity, the ultrasonic attenuation, and nonlinear f -model composite operators at the Anderson transition. <i>Physical Review B</i> , 1986, 34, 9012-9014.	1.1	8
164	Effective Landau theory for disordered interacting electron systems: Specific-heat behavior. <i>Physical Review B</i> , 1986, 34, 5935-5938.	1.1	75
165	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
166	Dephasing Time in Disordered Systems. <i>Physical Review Letters</i> , 1986, 56, 1179-1182.	2.9	57
167	Disordered electron systems with Hubbard interaction. <i>Physical Review B</i> , 1986, 34, 5907-5908.	1.1	4
168	Enhancement of interaction constants in disordered systems: Experimental evidence. <i>Physical Review B</i> , 1986, 33, 7277-7280.	1.1	13
169	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
170	Title is missing!. <i>Journal of Physics A</i> , 1986, 19, L429-L432.	1.6	207
171	Metal-Insulator Transition and Landau Fermi Liquid Theory. , 1985, , 215-228.		5
172	Metal-insulator transition in disordered systems. <i>Journal of Non-Crystalline Solids</i> , 1985, 77-78, 25-28.	1.5	0
173	Field theory of the metal-insulator transitions in restricted symmetries. <i>Lecture Notes in Physics</i> , 1985, , 199-215.	0.3	0
174	Interaction-driven metal-insulator transitions in disordered fermion systems. <i>Physical Review B</i> , 1984, 30, 527-543.	1.1	367
175	Renormalizability of the density of states of interacting disordered electron system. <i>Physical Review B</i> , 1984, 30, 1593-1595.	1.1	18
176	Spin fluctuations in disordered interacting electrons. <i>Physical Review B</i> , 1984, 30, 1596-1598.	1.1	158
177	Spin orbit coupling in disordered interacting electron gas. <i>Solid State Communications</i> , 1984, 52, 261-264.	0.9	43
178	The Anderson transition and the electron-electron interaction. <i>Lecture Notes in Physics</i> , 1984, , 227-231.	0.3	0
179	Towards a microscopic theory of the metal-insulator transition. <i>Nuclear Physics B</i> , 1983, 225, 441-465.	0.9	23
180	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

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181	Decimation approach in quantum systems. Nuclear Physics B, 1982, 200, 45-60.	0.9	17
182	Localization in ordered systems. Lecture Notes in Physics, 1981, , 240-256.	0.3	1
183	Electronic and magnetic correlations in an itinerant system of coupled diamagnetic pairs of electrons. Journal of Physics C: Solid State Physics, 1979, 12, 1541-1559.	1.5	5
184	New Model Hamiltonian for the Metal-Insulator Transition. Physical Review Letters, 1979, 43, 1957-1960.	2.9	138
185	Arbitrariness and symmetry properties of the functional formulation of the Hubbard hamiltonian. Physics Letters, Section A: General, Atomic and Solid State Physics, 1979, 70, 37-40.	0.9	17
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