Sergio Caprara

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1456994/publications.pdf

Version: 2024-02-01

187	4,782	87888 38	114465 63
papers	citations	h-index	g-index

190	190	190	2855
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dissipation-driven strange metal behavior. Communications Physics, 2022, 5, .	5.3	14
2	Two-gap <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">s</mml:mi><mml:mo>Â±</mml:mo></mml:msub></mml:math> -wave superconductivity at an oxide interface. Physical Review B, 2022, 105, .	3.2	5
3	The Strange-Metal Behavior of Cuprates. Condensed Matter, 2022, 7, 29.	1.8	4
4	On the Superconducting Critical Temperature of Heavily Disordered Interfaces Hosting Multi-Gap Superconductivity. Coatings, 2022, 12, 30.	2.6	1
5	Casimir energy for N superconducting cavities: a model for the YBCO (GdBCO) sample to be used in the Archimedes experiment. European Physical Journal Plus, 2022, 137, .	2.6	3
6	Undecidability of the Spectral Gap: An Epistemological Look. Journal for General Philosophy of Science, 2021, 52, 157-170.	1.4	2
7	Finite-Frequency Dissipation in Two-Dimensional Superconductors with Disorder at the Nanoscale. Nanomaterials, 2021, 11, 1888.	4.1	1
8	Restored strange metal phase through suppression of charge density waves in underdoped YBa ₂ Cu ₃ O _{7â€“Î´}. Science, 2021, 373, 1506-1510.	12.6	21
9	Strange metal behaviour from charge density fluctuations in cuprates. Communications Physics, 2021, 4, .	5.3	29
10	Picoradiant tiltmeter and direct ground tilt measurements at the Sos Enattos site. European Physical Journal Plus, 2021, 136, 1.	2.6	5
11	Superfluid Properties of Superconductors with Disorder at the Nanoscale: A Random Impedance Model. Condensed Matter, 2020, 5, 36.	1.8	2
12	Progress in a Vacuum Weight Search Experiment. Physics, 2020, 2, 1-13.	1.4	11
13	Doping-dependent competition between superconductivity and polycrystalline charge density waves. SciPost Physics, 2020, 8, .	4.9	11
14	Protected superconductivity at the boundaries of charge-density-wave domains. New Journal of Physics, 2020, 22, 073025.	2.9	11
15	Nonlinear <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>I</mml:mi><mml:mtext>â^’</mml:mtext><mml:mi>V</mml:mi></mml:mrow></mml:math> characteristics of two-dimensional superconductors: Berezinskii-Kosterlitz-Thouless physics versus inhomogeneity. Physical Review B, 2019, 100, .	3.2	23
16	The Ancient Romansâ€™ Route to Charge Density Waves in Cuprates. Condensed Matter, 2019, 4, 60.	1.8	11
17	Dynamical charge density fluctuations pervading the phase diagram of a Cu-based high- T _c superconductor. Science, 2019, 365, 906-910.	12.6	125
18	Gap suppression at a Lifshitz transition in a multi-condensate superconductor. Nature Materials, 2019, 18, 948-954.	27.5	34

#	Article	IF	Citations
19	Effect of anomalous diffusion of fluctuating Cooper pairs on the density of states of superconducting NbN thin films. Physical Review B, 2019, 100, .	3.2	3
20	Density inhomogeneities and Rashba spin-orbit coupling interplay in oxide interfaces. Journal of Physics and Chemistry of Solids, 2019, 128, 118-129.	4.0	6
21	Competition between electron pairing and phase coherence in superconducting interfaces. Nature Communications, 2018, 9, 407.	12.8	40
22	Majorana Fermions in One-Dimensional Structures at LaAlO3/SrTiO3 Oxide Interfaces. Condensed Matter, 2018, 3, 37.	1.8	19
23	On the Evaluation of the Spin Galvanic Effect in Lattice Models with Rashba Spin-Orbit Coupling. Condensed Matter, 2018, 3, 22.	1.8	0
24	Negative electronic compressibility and nanoscale inhomogeneity in ionic-liquid gated two-dimensional superconductors. Physical Review B, 2018, 98, .	3.2	14
25	Acknowledgement to Reviewers of Condensed Matter in 2017. Condensed Matter, 2018, 3, 3.	1.8	0
26	Law Without Law or â€œJustâ€•Limit Theorems?. Foundations of Physics, 2018, 48, 1112-1127.	1.3	2
27	Re-entrant charge order in overdoped (Bi,Pb)2.12Sr1.88CuO6+Î´ outside the pseudogap regime. Nature Materials, 2018, 17, 697-702.	27.5	93
28	Theory of charge-spin conversion at oxide interfaces: the inverse spin-galvanic effect. , 2018, , .		0
29	Inhomogeneous Rashba spinâ€“orbit coupling and intrinsic spin-Hall effect. Journal of Magnetism and Magnetic Materials, 2017, 440, 63-65.	2.3	7
30	Dynamical charge density waves rule the phase diagram of cuprates. Physical Review B, 2017, 95, .	3.2	72
31	Casimir energy for two and three superconducting coupled cavities: Numerical calculations. European Physical Journal Plus, 2017, 132, 1.	2.6	4
32	Non-equilibrium Spin Currents in Systems with Striped Rashba Spin-Orbit Coupling. Journal of Superconductivity and Novel Magnetism, 2017, 30, 123-128.	1.8	2
33	Pseudogap and (An)isotropic Scattering in the Fluctuating Charge-Density Wave Phase of Cuprates. Journal of Superconductivity and Novel Magnetism, 2017, 30, 25-30.	1.8	12
34	Theory of the Spin Galvanic Effect at Oxide Interfaces. Physical Review Letters, 2017, 119, 256801.	7.8	31
35	On the Description of Financial Markets: A Physicistâ€™s Viewpoint. Studies in Applied Philosophy, Epistemology and Rational Ethics, 2017, , 63-71.	0.3	0
36	The Archimedes experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 646-647.	1.6	7

#	Article	IF	Citations
37	Spin-to-charge current conversion. Nature Materials, 2016, 15, 1224-1225.	27.5	9
38	Confinement of superconducting fluctuations due to emergent electronic inhomogeneities. Physical Review B, 2016, 93, .	3.2	41
39	Phase Separation from Electron Confinement at Oxide Interfaces. Physical Review Letters, 2016, 116, 026804.	7.8	53
40	Critical spin fluctuations and the origin of nematic order in Ba(Fe1â^'xCox)2As2. Nature Physics, 2016, 12, 560-563.	16.7	67
41	Glue function of optimally and overdoped cuprates from inversion of the Raman spectra. Journal of Physics Condensed Matter, 2016, 28, 065701.	1.8	4
42	Chaos and Stochastic Models in Physics: Ontic and Epistemic Aspects. Studies in Applied Philosophy, Epistemology and Rational Ethics, 2016, , 133-146.	0.3	2
43	Signatures of nematic quantum critical fluctuations in the Raman spectra of lightly doped cuprates. Physical Review B, 2015, 91, .	3.2	11
44	Field-effect control of superconductivity and Rashba spin-orbit coupling in top-gated LaAlO3/SrTiO3 devices. Scientific Reports, 2015, 5, 12751.	3.3	82
45	Interplay between density and superconducting quantum critical fluctuations. Journal of Physics Condensed Matter, 2015, 27, 425701.	1.8	4
46	Intrinsic spin Hall effect in systems with striped spin-orbit coupling. Europhysics Letters, 2015, 112, 17004.	2.0	16
47	Phase separation and long-wavelength charge instabilities in spin-orbit coupled systems. Europhysics Letters, 2015, 109, 17006.	2.0	7
48	Possible Mechanisms of Electronic Phase Separation in Oxide Interfaces. Journal of Superconductivity and Novel Magnetism, 2015, 28, 1273-1277.	1.8	9
49	Pseudo-gap as a signature of inhomogeneous superconductivity in oxide interfaces. Superconductor Science and Technology, 2015, 28, 045004.	3.5	15
50	Electronic polymers and soft-matter-like broken symmetries in underdoped cuprates. Nature Communications, 2015, 6, 7691.	12.8	23
51	Inhomogeneous multi carrier superconductivity at LaXO₃/SrTiO₃(X = Al or Ti) oxide interfaces. Superconductor Science and Technology, 2015, 28, 014002.	3.5	19
52	Spin excitations of ferronematic order in underdoped cuprate superconductors. Scientific Reports, 2015, 4, 5319.	3.3	2
53	INHOMOGENEOUS ELECTRON GAS AT OXIDE INTERFACES WITH STRONG RASHBA SPINâ€“ORBIT COUPLING. Spin, 2014, 04, 1440004.	1.3	7
54	Phase diagrams of voltage-gated oxide interfaces with strong Rashba coupling. Physical Review B, 2014, 89, .	3.2	38

#	Article	IF	Citations
55	Evidence for phonon-like charge and spin fluctuations from an analysis of angle-resolved photoemission spectra of La<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:mi>Sr</mml:mi><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>CuO<mml:math xmlns:mml="http://www.w3.org/1998/M	3.2	13
56	Multiple quantum criticality in a two-dimensional superconductor. Nature Materials, 2013, 12, 542-548.	27.5	136
57	Metalâ€“superconductor transition in low-dimensional superconducting clusters embedded in two-dimensional electron systems. New Journal of Physics, 2013, 15, 023014.	2.9	26
58	Multiband superconductivity and nanoscale inhomogeneity at oxide interfaces. Physical Review B, 2013, 88, .	3.2	49
59	Hidden ferronematic order in underdoped cuprates. Physical Review B, 2013, 87, .	3.2	9
60	Magnetic field induced transition in superconducting LaTiO3/SrTiO3 interfaces. Journal of Physics: Conference Series, 2013, 449, 012035.	0.4	0
61	LUTTINGER LIQUID, SINGULAR INTERACTION AND QUANTUM CRITICALITY IN CUPRATE MATERIALS. International Journal of Modern Physics B, 2012, 26, 1244003.	2.0	0
62	Intrinsic Instability of Electronic Interfaces with Strong Rashba Coupling. Physical Review Letters, 2012, 109, 196401.	7.8	60
63	Half-metallic spin polarized electron states in the chimney-ladder higher manganese silicides MnSi1â^’x (xÂ=Â1.75Ââ^’Â1.73) with silicon vacancies. European Physical Journal B, 2012, 85, 1.	1.5	20
64	Pecularities of Hall effect in GaAs/Î´â€Mnâ€‰/GaAs/InxGa1â^’xAs/ GaAs (x â‰ˆ 0.2) heterostructures with high Mn content. European Physical Journal B, 2012, 85, 1.	1.5	2
65	Stripes in cuprate superconductors: Excitations and dynamic dichotomy. Physica C: Superconductivity and Its Applications, 2012, 481, 132-145.	1.2	17
66	Spin-polarized states of matter on the surface of a three-dimensional topological insulator with implanted magnetic atoms. Physical Review B, 2012, 85, .	3.2	11
67	Room-temperature ferromagnetism and anomalous Hall effect in Si<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Mn<mml xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow />		

#	Article	IF	Citations
73	Shape resonance for the anisotropic superconducting gaps near a Lifshitz transition: the effect of electron hopping between layers. Superconductor Science and Technology, 2011, 24, 015012.	3.5	52
74	Spin-fluctuation mediated high-temperature ferromagnetism in Si:Mn dilute magnetic semiconductors. European Physical Journal B, 2010, 77, 337-343.	1.5	12
75	Resonant and crossover phenomena in a multiband superconductor: Tuning the chemical potential near a band edge. Physical Review B, 2010, 82, .	3.2	124
76	Phonon renormalization from local and transitive electron-lattice couplings in strongly correlated systems. Physical Review B, 2010, 81, .	3.2	12
77	Proximity-induced spin ordering at the interface between a ferromagnetic metal and a magnetic semiconductor. Physical Review B, 2010, 81, .	3.2	8
78	Dynamical charge and spin density wave scattering in cuprate superconductors. New Journal of Physics, 2010, 12, 105010.	2.9	2
79	Reply to the Comment by V. V. Kisil. Europhysics Letters, 2010, 89, 50006.	2.0	3
80	Fermi surface dichotomy in systems with fluctuating order. Physical Review B, 2009, 79, .	3.2	19
81	Theory of fluctuation conductivity from interband pairing in pnictide superconductors. Physical Review B, 2009, 79, .	3.2	34
82	Transient hydrodynamical behavior by dynamical nonequilibrium molecular dynamics: The formation of convective cells. Journal of Chemical Physics, 2009, 131, 064106.	3.0	13
83	Paraconductivity in layered cuprates behaves as if due to pairing of nearly free quasiparticles. Physical Review B, 2009, 79, .	3.2	10
84	Compressible Convective Instability by Molecular Dynamics. Progress of Theoretical Physics Supplement, 2009, 178, 15-23.	0.1	1
85	Spectral signatures of critical charge and spin fluctuations in cuprates. Physica B: Condensed Matter, 2009, 404, 3070-3074.	2.7	8
86	On the contribution of nearly critical spin and charge collective modes to the Raman spectra of high-Tc cuprates. Journal of Magnetism and Magnetic Materials, 2009, 321, 686-689.	2.3	5
87	Effect of carrier confinement on exchange coupling in dilute magnetic semiconductors with self-organized nanocolumns. Physical Review B, 2009, 79, .	3.2	3
88	Spin ordering in semiconductor heterostructures with ferromagnetic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î´</mml:mi></mml:math>layers. Physical Review B, 2009, 80, .	3.2	20
89	Half-metallic behavior of a ferromagnetic metal monolayer in a semiconducting matrix. Europhysics Letters, 2009, 85, 27006.	2.0	12
90	Do We Have a Consistent Non-Adiabatic Quantum-Classical Statistical Mechanics?. Springer Series in Chemical Physics, 2009, , 437-467.	0.2	0

#	Article	IF	Citations
91	Low-energy signatures of charge and spin fluctuations in Raman and optical spectra of the cuprates. Journal of Physics and Chemistry of Solids, 2008, 69, 2155-2159.	4.0	3
92	Disordered loops in the two-dimensional antiferromagnetic spinâ€“fermion model. Nuclear Physics B, 2008, 795, 578-595.	2.5	0
93	Interlayer exchange coupling in digital magnetic alloys. Physical Review B, 2008, 78, .	3.2	9
94	Multiple gaps and superfluid density from interband pairing in a four-band model of the iron oxypnictides. Physical Review B, 2008, 78, .	3.2	36
95	Optical conductivity near finite-wavelength quantum criticality. Physical Review B, 2007, 75, .	3.2	16
96	Spectroscopic evidences of quantum critical charge fluctuations in cuprates. Physica C: Superconductivity and Its Applications, 2007, 460-462, 1103-1104.	1.2	1
97	Charge inhomogeneity coexisting with large Fermi surfaces. Physica C: Superconductivity and Its Applications, 2007, 460-462, 1176-1177.	1.2	2
98	Do we have a consistent non-adiabatic quantum-classical mechanics?. Europhysics Letters, 2007, 78, 30001.	2.0	36
99	Effective electronâ€“electron and electronâ€“phonon interactions in the Hubbardâ€“Holstein model. Nuclear Physics B, 2006, 744, 277-294.	2.5	7
100	Charge critical fluctuations in cuprates: Isotope effect, pseudogap, conductivity and Raman spectroscopy. Journal of Physics and Chemistry of Solids, 2006, 67, 160-164.	4.0	2
101	Evidence for short-range ferromagnetic order in amorphous(Gd,Y)xSi1â^'xalloys. Physical Review B, 2006, 74, .	3.2	2
102	Short-range ferromagnetic order and metal-insulator transition in amorphous RexSi1â^'x (Re=Gd,Tb,Y) nano-composites. Microelectronic Engineering, 2005, 81, 293-302.	2.4	2
103	Short-range ferromagnetism and transport properties of amorphous (Gd, Y)xSi1â^'x alloys. Journal of Experimental and Theoretical Physics, 2005, 101, 305-316.	0.9	2
104	Theory of isotope dependence of photoemission spectra of high-Tcsuperconducting cuprates. Physical Review B, 2005, 72, .	3.2	15
105	Extended paraconductivity regime in underdoped cuprates. Physical Review B, 2005, 72, .	3.2	20
106	Charge-Fluctuation Contribution to the Raman Response in Superconducting Cuprates. Physical Review Letters, 2005, 95, 117004.	7.8	50
107	Phase Separation Close to the Density-Driven Mott Transition in the Hubbard-Holstein Model. Physical Review Letters, 2004, 92, 106401.	7.8	75
108	Renormalization Group and Ward Identities in Quantum Liquid Phases and in Unconventional Critical Phenomena. Journal of Statistical Physics, 2004, 115, 91-123.	1.2	1

#	Article	IF	Citations
109	Collective transport and optical absorption near the stripe criticality. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 134-135.	2.3	2
110	Low-energy phase-only action in a superconductor: A comparison with theXYmodel. Physical Review B, 2004, 69, .	3.2	54
111	Superconducting transition in a mixture of bosons and fermions. Physical Review B, 2003, 67, .	3.2	8
112	Large-N analysis of the local quantum critical point and the spin-liquid phase. Physical Review B, 2003, 67, .	3.2	17
113	Doping-driven transition to a time-reversal breaking state in the phase diagram of the cuprates. Physical Review B, 2003, 67, .	3.2	8
114	TIME REVERSAL BREAKING SUPERCONDUCTING STATE IN THE PHASE DIAGRAM OF THE CUPRATES. International Journal of Modern Physics B, 2003, 17, 614-620.	2.0	2
115	Non-Fermi-liquid metals in low dimensions. , 2003, , 39-66.		0
116	Coherence length in superconductors from weak to strong coupling. Physical Review B, 2002, 66, .	3.2	25
117	Anomalous Optical Absorption in the Normal State of Overdoped Cuprates Near the Charge-Ordering Instability. Physical Review Letters, 2002, 88, 147001.	7.8	30
118	Vertex Corrections near the Stripe Phase. Physical Review Letters, 2002, 88, 066403.	7.8	3
119	Introduction to Renormalization Group and Ward Identities in Critical Phenomena and in Fermi and Bose Liquids. AIP Conference Proceedings, 2002, , .	0.4	3
120	Strong correlation, electronâ€“phonon interaction and critical fluctuations: isotope effect, pseudogap formation, and phase diagram of the cuprates. Journal of Physics and Chemistry of Solids, 2002, 63, 2219-2224.	4.0	2
121	Title is missing!. Journal of Superconductivity and Novel Magnetism, 2002, 15, 517-521.	0.5	1
122	The renormalization-group approach for Fermi systems in the presence of singular forward scattering. Nuclear Physics B, 2001, 594, 747-768.	2.5	17
123	SYMMETRY PROPERTIES, WARD IDENTITIES AND RENORMALIZATION GROUP FOR FERMI AND BOSE SYSTEMS. International Journal of Modern Physics A, 2001, 16, 2015-2026.	1.5	0
124	Anomalous Isotopic Effect Near the Charge-Ordering Quantum Criticality. Physical Review Letters, 2001, 87, 056401.	7.8	106
125	Influence of incommensurate dynamic charge-density-wave scattering on the photoemission line shape of superconducting high-Tccuprates. Physical Review B, 2001, 63, .	3.2	23
126	Phase fluctuations, dissipation, and superfluid stiffness ind-wave superconductors. Physical Review B, 2001, 63, .	3.2	50

#	Article	IF	Citations
127	Mott metal-insulator transition in the half-filled Hubbard model on the triangular lattice. Physical Review B, 2001, 63, .	3.2	47
128	Phase fluctuations in superconductors: From Galilean invariant to quantumXYmodels. Physical Review B, 2001, 64, .	3.2	12
129	Antiferromagnetic integer-spin chains in a staggered magnetic field:â€ƒApproaching the thermodynamic limit through the infinite-size density-matrix renormalization group. Physical Review B, 2001, 64, .	3.2	8
130	Charge and spin inhomogeneity as a key to the physics of the high-Tc cuprates. Physica B: Condensed Matter, 2000, 280, 196-200.	2.7	13
131	Single-particle spectra near a stripe instability. Physica B: Condensed Matter, 2000, 284-288, 983-984.	2.7	2
132	The physics of the stripe quantum critical point in the superconducting cuprates. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1715-1718.	1.2	14
133	The pseudogap state in high- superconductors. Physica A: Statistical Mechanics and Its Applications, 2000, 280, 185-192.	2.6	7
134	Spectral properties of incommensurate charge-density wave systems. European Physical Journal B, 2000, 13, 87-97.	1.5	39
135	COMMENSURATE VERSUS INCOMMENSURATE SPIN-ORDERING IN THE TRIANGULAR HUBBARD MODEL. International Journal of Modern Physics B, 2000, 14, 3386-3391.	2.0	6
136	GAP AND PSEUDOGAP EVOLUTION IN UNDERDOPED CUPRATES. International Journal of Modern Physics B, 2000, 14, 3006-3011.	2.0	1
137	The stripe critical point for cuprates. Journal of Physics Condensed Matter, 2000, 12, 10655-10666.	1.8	78
138	Two-gap model for underdoped cuprate superconductors. Physical Review B, 2000, 62, R9295-R9298.	3.2	77
139	Spin and charge ordering in the dimerized Hubbard model. Physical Review B, 2000, 61, 15667-15675.	3.2	22
140	CHARGE AND SPIN MODULATION IN THE PRESENCE OF A DIMERIZED CRYSTAL FIELD. International Journal of Modern Physics B, 2000, 14, 3392-3397.	2.0	1
141	Gap and pseudogap evolution within the charge-ordering scenario for superconducting cuprates. European Physical Journal B, 2000, 17, 95-102.	1.5	105
142	Single-particle properties of a model for coexisting charge and spin quasicritical fluctuations coupled to electrons. Physical Review B, 1999, 59, 14980-14991.	3.2	40
143	Critical properties and phase diagram of quantum anisotropicXYspin chain in a random magnetic field: A density-matrix renormalization-group analysis. Physical Review B, 1999, 60, 14771-14778.	3.2	9
144	Incommensurate structure of a spin density wave in the one-dimensional tâ^'J model. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 255, 98-102.	2.1	4

#	Article	IF	Citations
145	Fermi surface and gap parameter in high-Tc superconductors: the Stripe Quantum Critical Point scenario. Physica C: Superconductivity and Its Applications, 1999, 317-318, 230-237.	1.2	8
146	Phase diagram of the 1D Kondo lattice model. Journal of Low Temperature Physics, 1999, 117, 323-328.	1.4	19
147	Shadow Bands, Gap and Pseudogaps in High-Tc Superconductors. Journal of Superconductivity and Novel Magnetism, 1999, 12, 71-73.	0.5	1
148	Title is missing!. Journal of Superconductivity and Novel Magnetism, 1999, 12, 151-152.	0.5	0
149	Effect of Lattice Dimerization on a System with Coexisting Charge and Spin Density Waves. Physica Status Solidi (B): Basic Research, 1999, 216, 1089-1098.	1.5	0
150	The stripe-quantum-critical-point as a key to the physics of cuprates. European Physical Journal Special Topics, 1999, 09, Pr10-329-Pr10-332.	0.2	1
151	Single-particle spectra and Fermi surface near a stripe instability. European Physical Journal Special Topics, 1999, 09, Pr10-337-Pr10-338.	0.2	1
152	STRIPE FORMATION: A QUANTUM CRITICAL POINT FOR CUPRATE SUPERCONDUCTORS. Journal of Physics and Chemistry of Solids, 1998, 59, 1694-1698.	4.0	58
153	Reduction of the charge-density-wave amplitude in a strongly correlated system. Journal of Physics Condensed Matter, 1998, 10, 5389-5398.	1.8	2
154	Striped phases in the two-dimensional Hubbard model with long-range Coulomb interaction. Physical Review B, 1998, 58, 13506-13509.	3.2	44
155	Incommensurate charge-density-wave instability in the extended three-band Hubbard model. Physical Review B, 1998, 57, 4382-4396.	3.2	8
156	Spin Density Waves in Dimerized Systems. , 1998, , 35-44.		0
157	Enhancement of mass anisotropy in an electron - phonon coupled model close to a Van Hove singularity. Journal of Physics Condensed Matter, 1997, 9, 10195-10202.	1.8	0
158	Quantum Ising model in a transverse random field: A density-matrix renormalization-group analysis. Physical Review B, 1997, 56, 11097-11101.	3.2	18
159	Spin and Charge Density Waves in the Extended Hubbard Model: A Slave Boson Approach. International Journal of Modern Physics B, 1997, 11, 2057-2074.	2.0	6
160	Ground-state magnetic properties of the Kondo lattice model at low electron densities. Europhysics Letters, 1997, 39, 55-60.	2.0	26
161	Density-matrix renormalization group for fermions: Convergence to the infinite-size limit. Nuclear Physics B, 1997, 493, 640-650.	2.5	4
162	Non-Fermi-liquid behavior and d-wave superconductivity near the charge-density-wave quantum critical point. Zeitschrift FÃ¼r Physik B-Condensed Matter, 1996, 103, 137-144.	1.1	152

#	Article	IF	Citations
163	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
164	d-wave superconductivity near charge instabilities. Physical Review B, 1996, 54, 16216-16225.	3.2	137
165	Charge-density waves and superconductivity as an alternative to phase separation in the infinite-UHubbard-Holstein model. Physical Review B, 1996, 54, 12443-12457.	3.2	84
166	Spin-density-wave transition in systems with chemical dimerization. Physical Review B, 1996, 54, 5466-5470.	3.2	7
167	Singular Quasiparticle Scattering in the Proximity of Charge Instabilities. Physical Review Letters, 1995, 75, 4650-4653.	7.8	413
168	Disorder effects in thet-Jmodel. Physical Review B, 1995, 51, 11996-11999.	3.2	2
169	Magnetic and charge-transfer phase separation in the three-bandt-Jmodel. Physical Review B, 1995, 51, 9286-9293.	3.2	18
170	Charge fluctuations in the four-band extended Hubbard model. Physical Review B, 1995, 52, 6880-6893.	3.2	13
171	Three-bandt-Jmodel: A systematic large-Nanalysis. Physical Review B, 1994, 49, 6971-6984.	3.2	19
172	Phase separation and superconductivity in strongly interacting electron systems. Physica C: Superconductivity and Its Applications, 1994, 235-240, 2155-2156.	1.2	5
173	Functional-integral formulation of the slave-boson approach: Beyond the mean-field treatment with the correct continuum limit. Physics Reports, 1994, 241, 291-369.	25.6	29
174	Electron-phonon interactions in the presence of strong correlations. Physical Review B, 1994, 50, 16880-16898.	3.2	116
175	Phase Separation as a Possible Scenario for High T c Superconductors: A Particular Overview. , 1994, , 12-25.		1
176	Charge collective modes and dynamic pairing in the three-band Hubbard model. II. Strong-coupling limit. Physical Review B, 1993, 47, 3331-3346.	3.2	50
177	Collective excitations, photoemission spectra, and optical gaps in strongly correlated Fermi systems. Physical Review Letters, 1992, 69, 2009-2012.	7.8	48
178	Phase separation in the large-Nlimit of thet-Jmodel. Physical Review B, 1992, 45, 10805-10808.	3.2	12
179	Apical oxygen ions and the electronic structure of the high-Tccuprates. Physical Review B, 1992, 45, 10647-10669.	3.2	68
180	Phase separation and superconductivity. Physica Scripta, 1992, T45, 81-84.	2.5	8

#	Article	IF	Citations
181	Phase Separation and Superconductivity in the Kondo-like Spin-Hole Coupled Model. Europhysics Letters, 1991, 14, 597-602.	2.0	40
182	Mean-field phase diagram of a two-bandt-Jmodel forCuO2layers. Physical Review B, 1991, 43, 8000-8004.	3.2	33
183	Phase separation, charge-transfer instability, and superconductivity in the three-band extended Hubbard model: Weak-coupling theory. Physical Review B, 1991, 43, 13724-13727.	3.2	29
184	Superconductivity, phase separation, and charge-transfer instability in theU=âˆž limit of the three-band model of theCuO2planes. Physical Review Letters, 1991, 67, 259-262.	7.8	144
185	Symmetry of Hole States in Superconducting Oxides: Correlation withTc. Physical Review Letters, 1991, 66, 3209-3212.	7.8	80
186	PHASE SEPARATION AND SUPERCONDUCTIVITY IN THE U=âˆž LIMIT OF THE EXTENDED MULTIBAND HUBBARD MODEL. International Journal of Modern Physics B, 1991, 05, 309-321.	2.0	31
187	Mean-field theories of cuprate superconductors: A systematic analysis. Physical Review B, 1990, 42, 329-341.	3.2	63