

Massimo Capone

List of Publications by Year in descending order

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papers

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184
docs citations

184
times ranked

5489
citing authors

#	ARTICLE	IF	CITATIONS
1	Mimicking Multiorbital Systems with SU(N) Atoms: Hund's Physics and Beyond. Condensed Matter, 2022, 7, 18.	0.8	1
2	Charge and energy transfer in ac-driven Coulomb-coupled double quantum dots. European Physical Journal B, 2022, 95, .	0.6	0
3	Steady-state quantum Zeno effect of driven-dissipative bosons with dynamical mean-field theory. Physical Review A, 2022, 106, .	1.0	4
4	Motion of an impurity in a two-leg ladder. Physical Review B, 2021, 103, .	1.1	1
5	Interface and bulk superconductivity in superconducting heterostructures with enhanced critical temperatures. Physical Review B, 2021, 103, .	1.1	3
6	Impurity dephasing in a Bose-Hubbard model. New Journal of Physics, 2021, 23, 033018.	1.2	6
7	Interaction-resistant metals in multicomponent Fermi systems. Physical Review B, 2021, 103, .	1.1	21
8	Spatial and spectral mode-selection effects in topological lasers with frequency-dependent gain. APL Photonics, 2021, 6, .	3.0	8
9	Signatures of self-trapping in the driven-dissipative Bose-Hubbard dimer. New Journal of Physics, 2021, 23, 063056.	1.2	6
10	Photoinduced long-lived state in FeSe _{0.4} Te _{0.6} . Journal of Electron Spectroscopy and Related Phenomena, 2021, 250, 147090.	0.8	3
11	Thermal dynamics and electronic temperature waves in layered correlated materials. Nature Communications, 2021, 12, 6904.	5.8	7
12	Osmates on the Verge of a Hund's-Mott Transition: The Different Fates of NaOsO_3 and LiOsO_3 . Physical Review Letters, 2020, 125, 166402.	2.9	10
13	Synergy between Hund-Driven Correlations and Boson-Mediated Superconductivity. Physical Review Letters, 2020, 125, 177001.	2.9	12
14	Enhancement of charge instabilities in Hund's metals by breaking of rotational symmetry. Physical Review B, 2020, 102, .	1.1	11
15	Boson-exchange parquet solver for dual fermions. Physical Review B, 2020, 102, .	1.1	26
16	Rashba-metal to Mott-insulator transition. Physical Review B, 2020, 101, .	1.1	7
17	Slave-spin-1 formulation: A simple approach to time-dependent transport through an interacting two-level system. Physical Review B, 2020, 101, .	1.1	1
18	Inducing and controlling magnetism in the honeycomb lattice through a harmonic trapping potential. Physical Review A, 2020, 101, .	1.0	4

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19	Nonlocal annihilation of Weyl fermions in correlated systems. <i>Physical Review Research</i> , 2020, 2, .	1.3	12
20	Quantum fluctuations beyond the Gutzwiller approximation in the Bose-Hubbard model. <i>Physical Review Research</i> , 2020, 2, .	1.3	13
21	Interplay between destructive quantum interference and symmetry-breaking phenomena in graphene quantum junctions. <i>Physical Review B</i> , 2019, 100, .	1.1	20
22	Momentum-dependent relaxation dynamics of the doped repulsive Hubbard model. <i>Physical Review B</i> , 2019, 99, .	1.1	2
23	Towards high-temperature coherence-enhanced transport in heterostructures of a few atomic layers. <i>Physical Review B</i> , 2019, 100, .	1.1	11
24	Single-boson exchange decomposition of the vertex function. <i>Physical Review B</i> , 2019, 100, .	1.1	36
25	Dynamical vertex approximation for the attractive Hubbard model. <i>Physical Review B</i> , 2019, 99, .	1.1	25
26	Two-particle Fermi liquid parameters at the Mott transition: Vertex divergences, Landau parameters, and incoherent response in dynamical mean-field theory. <i>Physical Review B</i> , 2019, 99, .	1.1	20
27	Charge Disproportionation, Mixed Valence, and Janus Effect in Multiorbital Systems: A Tale of Two Insulators. <i>Physical Review Letters</i> , 2019, 122, 186401.	2.9	38
28	Exciton Mott transition revisited. <i>Physical Review Materials</i> , 2019, 3, .	0.9	25
29	Theory of chiral edge state lasing in a two-dimensional topological system. <i>Physical Review Research</i> , 2019, 1, .	1.3	27
30	Quantum Interference Assisted Spin Filtering in Graphene Nanoflakes. <i>Nano Letters</i> , 2018, 18, 2158-2164.	4.5	38
31	Pauli metallic ground state in Hubbard clusters with Rashba spin-orbit coupling. <i>Physical Review B</i> , 2018, 97, .	1.1	5
32	Electrodynamic properties of an artificial heterostructured superconducting cuprate. <i>Physical Review B</i> , 2018, 97, .	1.1	4
33	Dynamics of correlation-frozen antinodal quasiparticles in superconducting cuprates. <i>Science Advances</i> , 2018, 4, eaar1998.	4.7	23
34	Selective insulators and anomalous responses in three-component fermionic gases with broken SU(3) symmetry. <i>Physical Review A</i> , 2018, 98, .	1.0	18
35	Emergent D_{6h} symmetry in fully relaxed magic-angle twisted bilayer graphene. <i>Physical Review B</i> , 2018, 98, .	1.1	13
36	Enhanced performance of a quantum-dot-based nanomotor due to Coulomb interactions. <i>Physical Review B</i> , 2018, 98, .	1.1	13

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37	Orbital-selective metals. Nature Materials, 2018, 17, 855-856.	13.3	10
38	Correlation-driven Lifshitz transition and orbital order in a two-band Hubbard model. Physical Review B, 2018, 98, .	1.1	3
39	Towards the Understanding of Superconductors and Correlated Materials out of Equilibrium: Mean Field Approaches. Springer Series in Solid-state Sciences, 2018, , 5-60.	0.3	0
40	Coexistence of metallic edge states and antiferromagnetic ordering in correlated topological insulators. Physical Review B, 2018, 98, .	1.1	15
41	Ultrafast orbital manipulation and Mott physics in multi-band correlated materials. , 2018, , .		2
42	Doping-driven metal-insulator transitions and charge orderings in the extended Hubbard model. Physical Review B, 2017, 95, .	1.1	23
43	Mottness at finite doping and charge instabilities in cuprates. Nature Physics, 2017, 13, 806-811.	6.5	19
44	Atomic-scale distortions and temperature-dependent large pseudogap in thin films of the parent iron-chalcogenide superconductor Fe_{1-y}Te . Journal of Physics Condensed Matter, 2017, 29, 485002.	0.7	5
45	Chromium analogs of iron-based superconductors. Physical Review B, 2017, 95, .	1.1	22
46	Evidence of Mott physics in iron pnictides from x-ray spectroscopy. Physical Review B, 2017, 96, .	1.1	24
47	Mott transitions with partially filled correlated orbitals. Europhysics Letters, 2017, 118, 17004.	0.7	7
48	Electronic properties of superconducting FeS. Physical Review B, 2017, 95, . Localized vibrations in superconducting FeS	1.1	10
49	$\text{a}^2\text{C}^3\text{u}$ reveals	1.1	23
50	Nematicity at the Hund's metal crossover in iron superconductors. Physical Review B, 2017, 95, .	1.1	51
51	Edge state reconstruction from strong correlations in quantum spin Hall insulators. Physical Review B, 2017, 95, .	1.1	31
52	Dimensionality-Driven Metal-Insulator Transition in Spin-Orbit-Coupled SrIrO_3 . Physical Review Letters, 2017, 119, 256404.	2.9	81
53	Modeling Many-Body Physics with Slave-Spin Mean-Field: Mott and Hund's Physics in Fe-Superconductors. Springer Series in Solid-state Sciences, 2017, , 115-185.	0.3	8
54	Exotic s -wave superconductivity in alkali-doped fullerides. Journal of Physics Condensed Matter, 2016, 28, 153001.	0.7	46

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55	Effective magnetic correlations in hole-doped graphene nanoflakes. Physical Review B, 2016, 94, .	1.1	23
56	Dynamical mean-field theory description of the voltage-induced transition in a nonequilibrium superconductor. Physical Review B, 2016, 93, .	1.1	4
57	Interplay between electron correlations and polar displacements in metallic SrEuMo ₂ O ₆ . Physical Review B, 2016, 93, .	1.1	5
58	Electronic correlations in the ferroelectric metallic state of LiOsO_3 . Physical Review B, 2016, 93, .	1.1	2
59	Embedding dynamical mean-field theory for superconductivity in layered materials and heterostructures. Physical Review B, 2016, 93, .	1.1	2
60	Ultrafast optical spectroscopy of strongly correlated materials and high-temperature superconductors: a non-equilibrium approach. Advances in Physics, 2016, 65, 58-238.	35.9	325
61	Strong correlation effects on topological quantum phase transitions in three dimensions. Physical Review B, 2016, 93, .	1.1	38
62	Magnetolectric coupling in the type-I multiferroic ScFeO ₃ . Physical Review B, 2016, 94, .	1.1	13
63	Strong correlations, strong coupling, and s -wave superconductivity in hole-doped BaFe_2As_2 crystals. Physical Review B, 2016, 94, .	1.1	61
64	Field-Driven Mott Gap Collapse and Resistive Switch in Correlated Insulators. Physical Review Letters, 2016, 117, 176401.	2.9	48
65	Detecting a preformed pair phase: Response to a pairing forcing field. Physical Review B, 2016, 94, .	1.1	11
66	Kekulé textures, pseudospin-one Dirac cones, and quadratic band crossings in a graphene-hexagonal indium chalcogenide bilayer. Physical Review B, 2015, 91, .	1.1	55
67	Correlation-driven electronic multiferroicity in TMTTF_2X organic crystals. Physical Review B, 2015, 91, .	1.1	20
68	Design of a Mott Multiferroic from a Nonmagnetic Polar Metal. Physical Review Letters, 2015, 115, 087202.	2.9	64
69	Transient Dynamics of d -Wave Superconductors after a Sudden Excitation. Physical Review Letters, 2015, 115, 257001.	2.9	68
70	Unified understanding of superconductivity and Mott transition in alkali-doped fullerenes from first principles. Science Advances, 2015, 1, e1500568.	4.7	90
71	The strength of electron-electron correlation in Cs ₃ C ₆₀ . Scientific Reports, 2015, 5, 15240.	1.6	10
72	First-Order Character and Observable Signatures of Topological Quantum Phase Transitions. Physical Review Letters, 2015, 114, 185701.	2.9	86

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73	Electronic transport and dynamics in correlated heterostructures. Physical Review B, 2015, 91, .	1.1	25
74	Snapshots of the retarded interaction of charge carriers with ultrafast fluctuations in cuprates. Nature Physics, 2015, 11, 421-426.	6.5	92
75	LaO_2FeS Cooperative effects of Jahn-Teller distortion, magnetism, and Hund's coupling in the insulating phase of BaCrO ₃ . Physical Review B, 2014, 90, .	1.1	17
76	Downfolding electron-phonon Hamiltonians from <i>ab initio</i> calculations: Application to K_3FeF_6 . Physical Review B, 2014, 90, .	1.1	14
77	Inhomogeneous BCS-BEC crossover for trapped cold atoms in optical lattices. Physical Review A, 2014, 89, .	1.0	16
78	Dual nature of the ferroelectric and metallic state in LiOsO_3 . Physical Review B, 2014, 90, .	1.1	57
79	DFT and TB study of the geometry of hydrogen adsorbed on graphynes. Journal of Physics Condensed Matter, 2014, 26, 385301.	0.7	2
80	Selective Mott Physics as a Key to Iron Superconductors. Physical Review Letters, 2014, 112, 177001.	2.9	293
81	Witnessing the formation and relaxation of dressed quasi-particles in a strongly correlated electron system. Nature Communications, 2014, 5, 5112.	5.8	58
82	Photo-enhanced antinodal conductivity in the pseudogap state of high-T _c cuprates. Nature Communications, 2014, 5, 4353.	5.8	35
83	Diisopropylammonium Bromide Is a High-Temperature Molecular Ferroelectric Crystal. Science, 2013, 339, 425-428.	6.0	703
84	Orbital selectivity in Hund's metals: The iron chalcogenides. Physical Review B, 2013, 87, .	1.1	95
85	Linear-response dynamics from the time-dependent Gutzwiller approximation. New Journal of Physics, 2013, 15, 053050.	1.2	20
86	Finite-temperature Gutzwiller approximation and the phase diagram of a toy model for V ₂ O ₃ . Physical Review B, 2013, 87, .	1.1	22
87	Electronic Correlations Stabilize the Antiferromagnetic Mott State in Cs_3C_60 . Physical Review Letters, 2012, 109, 166404.	2.9	8
88	Path to poor coherence in the periodic Anderson model from Mott physics and hybridization. Physical Review B, 2012, 85, .	1.1	9
89	Approach to a stationary state in a driven Hubbard model coupled to a thermostat. Physical Review B, 2012, 86, .	1.1	56

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91	Lattice approaches to dilute Fermi gases: Legacy of broken Galilean invariance. <i>Physical Review A</i> , 2012, 85, .	1.0	13
92	Mott transition of fermionic mixtures with mass imbalance in optical lattices. <i>Physical Review A</i> , 2012, 85, .	1.0	25
93	Unraveling the polar state in TMTF $\langle \mathbf{m} \rangle = \frac{1}{2} \langle \mathbf{m} \rangle - \langle \mathbf{P} \rangle$ organic crystals. <i>Physical Review B</i> , 2012, 85, .	1.1	13
94	Signature of antiferromagnetic long-range order in the optical spectrum of strongly correlated electron systems. <i>Physical Review B</i> , 2012, 85, .	1.1	43
95	Microscopic Origin of Large Negative Magnetoelectric Coupling in $\text{Sr} \langle \mathbf{m} \rangle \langle \mathbf{m} \rangle \langle \mathbf{m} \rangle$. <i>Physical Review Letters</i> , 2012, 109, 107601.	2.9	42
96	Augmented hybrid exact-diagonalization solver for dynamical mean field theory. <i>Physical Review B</i> , 2012, 86, .	1.1	23
97	Pressure induced magnetic phase separation in $\text{La}_{0.75} \text{Ca}_{0.25} \text{MnO}_3$ manganite. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 045601.	0.7	16
98	Proximity of iron pnictide superconductors to a quantum tricritical point. <i>Nature Communications</i> , 2011, 2, 398.	5.8	72
99	Electronic correlation effects in superconducting picene from ab initio calculations. <i>Physical Review B</i> , 2011, 83, .	1.1	81
100	Kinks: Fingerprints of strong electronic correlations. <i>Journal of Physics: Conference Series</i> , 2010, 200, 012207.	0.3	4
101	Electron-Phonon Interaction in Strongly Correlated Systems. <i>Advances in Condensed Matter Physics</i> , 2010, 2010, 1-18.	0.4	28
102	High-Temperature Optical Spectral Weight and Fermi-liquid Renormalization in Bi-Based Cuprate Superconductors. <i>Physical Review Letters</i> , 2010, 105, 077002.	2.9	19
103	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
104	Toschiet Al.Reply.. <i>Physical Review Letters</i> , 2010, 104, .	2.9	1
105	Metallic surface of a bipolaronic insulator. <i>Physical Review B</i> , 2010, 82, .	1.1	8
106	Possible secondary component of the order parameter observed in London penetration depth measurements. <i>Physical Review B</i> , 2010, 82, .	1.1	4
107	Cluster dynamical mean-field methods for d-wave superconductors: Role of geometry. <i>Physical Review B</i> , 2009, 79, .	1.1	4
108	Correlation strength, gaps, and particle-hole asymmetry in high-Tc cuprates: A dynamical mean field study of the three-band copper-oxide model. <i>Physical Review B</i> , 2009, 80, .	1.1	46

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109	Antiferromagnetism and the gap of a Mott insulator: Results from analytic continuation of the self-energy. <i>Physical Review B</i> , 2009, 80, .	1.1	72
110	Rotationally invariant slave bosons for strongly correlated superconductors. <i>Physical Review B</i> , 2009, 80, .	1.1	26
111	Orbital-Selective Mott Transition out of Band Degeneracy Lifting. <i>Physical Review Letters</i> , 2009, 102, 126401.	2.9	215
112	Genesis of Coexisting Itinerant and Localized Electrons in Iron Pnictides. <i>Journal of Superconductivity and Novel Magnetism</i> , 2009, 22, 535-538.	0.8	44
113	Surface polaron formation in the Holstein model. <i>Physical Review B</i> , 2009, 80, .	1.1	10
114	<i>Colloquium</i> : Modeling the unconventional superconducting properties of expanded fullerides. <i>Reviews of Modern Physics</i> , 2009, 81, 943-958.	16.4	162
115	Kinks in the Electronic Specific Heat. <i>Physical Review Letters</i> , 2009, 102, 076402.	2.9	28
116	Optical conductivity and the correlation strength of high-temperature copper-oxide superconductors. <i>Nature Physics</i> , 2008, 4, 287-290.	6.5	106
117	Quasiparticle evolution and pseudogap formation in V_2O_3 : An infrared spectroscopy study. <i>Physical Review B</i> , 2008, 77, .	1.1	73
118	Anomalous superconductivity and its competition with antiferromagnetism in doped Mott insulators. <i>Physical Review B</i> , 2008, 77, .	1.1	153
119	Strongly correlated superconductivity arising in a pseudogap metal. <i>Physical Review B</i> , 2008, 77, .	1.1	11
120	Gutzwiller scheme for electrons and phonons: The half-filled Hubbard-Holstein model. <i>Physical Review B</i> , 2008, 77, .	1.1	16
121	Polarized Superfluidity in the Attractive Hubbard Model with Population Imbalance. <i>Physical Review Letters</i> , 2008, 101, 236405.	2.9	28
122	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
123	Optical sum rule anomalies in the cuprates: Interplay between strong correlation and electronic band structure. <i>Physical Review B</i> , 2008, 77, .	1.1	14
124	Nodal-Antinodal Dichotomy and the Two Gaps of a Superconducting Doped Mott Insulator. <i>Physical Review Letters</i> , 2008, 100, 046402.	2.9	70
125	Extended Gutzwiller wave function for the Hubbard-Holstein model. <i>Europhysics Letters</i> , 2007, 79, 47003.	0.7	10
126	Solving the dynamical mean-field theory at very low temperatures using the Lanczos exact diagonalization. <i>Physical Review B</i> , 2007, 76, .	1.1	98

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127	Competing superfluid and density-wave ground-states of fermionic mixtures with mass imbalance in optical lattices. <i>Physical Review B</i> , 2007, 76, .	1.1	34
128	Polaron formation in cuprates. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 263-266.	0.6	1
129	Optical spectral weight anomalies and strong correlation. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 1045-1046.	0.6	0
130	Detecting pairing and polarization crossovers in systems with retarded interactions. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 1157-1158.	0.6	0
131	Cellular-dynamical mean-field theory of the competition between antiferromagnetism and d-wave superconductivity in the two-dimensional Hubbard model. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, 529-531.	1.0	3
132	Electron-Phonon Interaction and Antiferromagnetic Correlations. <i>Physical Review Letters</i> , 2006, 97, 046404.	2.9	55
133	Competition between d-wave superconductivity and antiferromagnetism in the two-dimensional Hubbard model. <i>Physical Review B</i> , 2006, 74, .	1.1	103
134	High-pressure phase diagram in the manganites: a two-site model study. <i>New Journal of Physics</i> , 2006, 8, 3-3.	1.2	15
135	Isotope effects in the Hubbard-Holstein model within dynamical mean-field theory. <i>Physical Review B</i> , 2006, 74, .	1.1	14
136	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
137	Pairing and polarization in electron-boson systems with retarded interactions via dynamical mean-field theory. <i>Physical Review B</i> , 2006, 73, .	1.1	4
138	Effective electron-phonon coupling and polaronic transition in the presence of strong correlation. <i>Physical Review B</i> , 2006, 73, .	1.1	13
139	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
140	Static versus dynamical mean-field theory of Mott antiferromagnets. <i>Physical Review B</i> , 2006, 73, .	1.1	74
141	Dynamical mean field theory of polarons and bipolarons in the half-filled Holstein model. <i>Physical Review B</i> , 2006, 74, .	1.1	28
142	Polaron crossover and bipolaronic metal-insulator transition in the half-filled Holstein model. <i>Physica B: Condensed Matter</i> , 2005, 359-361, 813-815.	1.3	0
143	Phonon softening and dispersion in the 1D Holstein model of spinless fermions. <i>European Physical Journal B</i> , 2005, 44, 175-181.	0.6	28
144	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

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145	Electron-phonon interaction in proximity of a Mott transition. <i>Physica B: Condensed Matter</i> , 2005, 359-361, 636-638.	1.3	1
146	Dynamical behavior across the Mott transition of two bands with different bandwidths. <i>Physical Review B</i> , 2005, 72, .	1.1	82
147	Effect of mesoscopic inhomogeneities on local tunneling density of states in cuprates. <i>Physical Review B</i> , 2005, 71, .	1.1	13
148	Polaronic and Nonadiabatic Phase Diagram from Anomalous Isotope Effects. <i>Physical Review Letters</i> , 2005, 94, 036406.	2.9	27
149	Electron-Phonon Interaction Close to a Mott Transition. <i>Physical Review Letters</i> , 2005, 94, 026401.	2.9	102
150	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
151	Dynamical Breakup of the Fermi Surface in a Doped Mott Insulator. <i>Physical Review Letters</i> , 2005, 95, 106402.	2.9	163
152	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
153	Polaron formation for nonlocal electron-phonon coupling: A variational wave-function study. <i>Physical Review B</i> , 2004, 69, .	1.1	25
154	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
155	Strongly Correlated Superconductivity and Pseudogap Phase near a Multiband Mott Insulator. <i>Physical Review Letters</i> , 2004, 93, 047001.	2.9	72
156	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
157	Enhancement of superconductivity close to a Mott transition. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, E133-E134.	1.0	0
158	Competitive effects on the high-pressure phase diagram of manganites. <i>Physica Status Solidi (B): Basic Research</i> , 2004, 241, 3381-3386.	0.7	9
159	The effects of the electron-phonon interaction on a Mott insulator. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, E301-E302.	1.0	0
160	Polaron Crossover and Bipolaronic Metal-Insulator Transition in the Half-Filled Holstein Model. <i>Physical Review Letters</i> , 2003, 91, 186405.	2.9	85
161	FIRST-ORDER PAIRING TRANSITION AND PHASE SEPARATION IN THE ATTRACTIVE HUBBARD MODEL. <i>International Journal of Modern Physics B</i> , 2003, 17, 590-596.	1.0	0
162	TIME REVERSAL BREAKING SUPERCONDUCTING STATE IN THE PHASE DIAGRAM OF THE CUPRATES. <i>International Journal of Modern Physics B</i> , 2003, 17, 614-620.	1.0	2

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163	Enhancement of Superconductivity by Strong Correlations: A Model Study. , 2003, , 95-113.		0
164	First-Order Pairing Transition and Single-Particle Spectral Function in the Attractive Hubbard Model. Physical Review Letters, 2002, 88, 126403.	2.9	90
165	Interplay between spin and phonon fluctuations in the double-exchange model for the manganites. Physical Review B, 2002, 65, .	1.1	19
166	Strongly Correlated Superconductivity. Science, 2002, 296, 2364-2366.	6.0	220
167	Superconductivity from strong correlation: direct transition between a non-degenerate Mott insulator and a superconductor. Journal of Physics and Chemistry of Solids, 2002, 63, 1555-1558.	1.9	3
168	Direct Transition between a Singlet Mott Insulator and a Superconductor. Physical Review Letters, 2001, 86, 5361-5364.	2.9	36
169	Mott metal-insulator transition in the half-filled Hubbard model on the triangular lattice. Physical Review B, 2001, 63, .	1.1	47
170	Antiferromagnetic integer-spin chains in a staggered magnetic field: Approaching the thermodynamic limit through the infinite-size density-matrix renormalization group. Physical Review B, 2001, 64, .	1.1	8
171	COMMENSURATE VERSUS INCOMMENSURATE SPIN-ORDERING IN THE TRIANGULAR HUBBARD MODEL. International Journal of Modern Physics B, 2000, 14, 3386-3391.	1.0	6
172	INTERPLAY OF STRONG CORRELATION AND JAHN-TELLER EFFECT IN ORBITALLY DEGENERATE SYSTEMS. International Journal of Modern Physics B, 2000, 14, 3380-3385.	1.0	0
173	Electron-phonon interaction on bundled structures: Static and transport properties. Physical Review B, 2000, 63, .	1.1	5
174	Theory of the metal-nonmagnetic Mott-Jahn-Teller insulator transition in A ₄ C ₆ O. Physical Review B, 2000, 62, 7619-7624.	1.1	49
175	Spatially homogeneous ground state of the two-dimensional Hubbard model. Physical Review B, 2000, 62, 12700-12706.	1.1	52
176	Stabilization of A-type layered antiferromagnetic phase in LaMnO by cooperative Jahn-Teller deformations. European Physical Journal B, 2000, 17, 103-109.	0.6	20
177	Role of electron-lattice interactions in determining the magnetic structure of insulating manganites. European Physical Journal Special Topics, 1999, 09, Pr10-335-Pr10-336.	0.2	1
178	Small Polaron Formation in Strongly Correlated Electronic Systems. Journal of Superconductivity and Novel Magnetism, 1999, 12, 75-77.	0.5	3
179	Small polaron formation in many-particle states of the Hubbard-Holstein model: The one-dimensional case. European Physical Journal B, 1999, 11, 551.	0.6	20
180	The small-polaron crossover: Comparison between exact results and vertex correction approximation. Europhysics Letters, 1998, 42, 523-528.	0.7	47

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181	Phase separation in the two-dimensional Hubbard model: A fixed-node quantum Monte Carlo study. Physical Review B, 1998, 58, R14685-R14688.	1.1	31
182	Small-polaron formation and optical absorption in Su-Schrieffer-Heeger and Holstein models. Physical Review B, 1997, 56, 4484-4493.	1.1	139
183	Influence of electron-phonon interaction on superexchange. Physics Letters, Section A: General, Atomic and Solid State Physics, 1997, 227, 120-126.	0.9	13