

Alexander I Lichtenstein

List of Publications by Year in descending order

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188
papers

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193
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193
docs citations

193
times ranked

17716
citing authors

#	ARTICLE	IF	CITATIONS
1	Degenerate plaquette physics as key ingredient of high-temperature superconductivity in cuprates. Npj Quantum Materials, 2022, 7, .	5.2	11
2	Coexisting charge density wave and ferromagnetic instabilities in monolayer InSe. Npj Computational Materials, 2022, 8, .	8.7	18
3	Correlation of Yuâ€™s Shibaâ€™s Rusinov States and Kondo Resonances in Artificial Spin Arrays on an s-Wave Superconductor. Nano Letters, 2021, 21, 6748-6755.	9.1	14
4	Parametrizations of local vertex corrections from weak to strong coupling: Importance of the Hedin three-leg vertex. Physical Review B, 2021, 104, .	3.2	8
5	Orbital Isotropy of Magnetic Fluctuations in Correlated Electron Materials Induced by Hundâ€™s Exchange Coupling. Physical Review Letters, 2021, 127, 207205.	7.8	11
6	Dual fermion method as a prototype of generic reference-system approach for correlated fermions. Annals of Physics, 2020, 422, 168310.	2.8	9
7	Detecting quantum critical points in the t- t' Fermi-Hubbard model via complex network theory. Scientific Reports, 2020, 10, 20470.	3.3	9
8	Boson-exchange parquet solver for dual fermions. Physical Review B, 2020, 102, .	3.2	26
9	Exactly solvable model of strongly correlated d -wave superconductivity. Physical Review B, 2020, 101, .	3.2	7
10	Collective magnetic fluctuations in Hubbard plaquettes captured by fluctuating local field method. Physical Review B, 2020, 102, .	3.2	10
11	Fluctuation diagnostic of the nodal/antinodal dichotomy in the Hubbard model at weak coupling: A parquet dual fermion approach. Physical Review B, 2020, 102, .	3.2	18
12	Josephson lattice model for phase fluctuations of local pairs in copper oxide superconductors. Physical Review B, 2019, 100, .	3.2	4
13	Two-particle Fermi liquid parameters at the Mott transition: Vertex divergences, Landau parameters, and incoherent response in dynamical mean-field theory. Physical Review B, 2019, 99, .	3.2	20
14	Electronic correlations and competing orders in multiorbital dimers: A cluster DMFT study. Physical Review B, 2019, 99, .	3.2	8
15	Exact real-time dynamics of single-impurity Anderson model from a single-spin hybridization-expansion. SciPost Physics, 2019, 7, .	4.9	5
16	Multiband dual fermion approach to quantum criticality in the Hubbard honeycomb lattice. Physical Review B, 2018, 97, .	3.2	13
17	Quantum spin fluctuations and evolution of electronic structure in cuprates. Npj Quantum Materials, 2018, 3, .	5.2	14
18	Fermion-boson vertex within dynamical mean-field theory. Physical Review B, 2018, 98, .	3.2	21

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19	Conservation in two-particle self-consistent extensions of dynamical mean-field theory. Physical Review B, 2017, 96, .	3.2	25
20	Relaxation and decoherence of qubits encoded in collective states of engineered magnetic structures. Physical Review B, 2017, 96, .	3.2	7
21	Exact diagonalization solver for extended dynamical mean-field theory. Physical Review B, 2017, 96, .	3.2	18
22	Electronic structure and magnetism of samarium and neodymium adatoms on free-standing graphene. Physical Review B, 2016, 94, .	3.2	22
23	Plaquette valence bond theory of high-temperature superconductivity. Physical Review B, 2016, 94, .	3.2	20
24	Double occupancy in dynamical mean-field theory and the dual boson approach. Physical Review B, 2016, 93, .	3.2	26
25	Spin and orbital exchange interactions from Dynamical Mean Field Theory. Journal of Magnetism and Magnetic Materials, 2016, 400, 112-116.	2.3	6
26	From Hubbard bands to spin-polaron excitations in the doped Mott material $\langle \text{mml:math xmlns:mml=} \text{"http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Na} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{x}_2 \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{O}_4 \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle$ Physical Review B, 2015, 91, .		
27	Electronic structure and core-level spectra of light actinide dioxides in the dynamical mean-field theory. Physical Review B, 2015, 92, .	3.2	43
28	Mechanisms of finite-temperature magnetism in the three-dimensional Hubbard model. Physical Review B, 2015, 92, .	3.2	50
29	Thermodynamic consistency of the charge response in dynamical mean-field based approaches. Physical Review B, 2015, 92, .	3.2	18
30	Long-lived nonequilibrium states in the Hubbard model with an electric field. Physical Review B, 2015, 91, .	3.2	15
31	Magnetic interactions in strongly correlated systems: Spin and orbital contributions. Annals of Physics, 2015, 360, 61-97.	2.8	25
32	Phonon-Pump Extreme-Ultraviolet-Photoemission Probe in Graphene: Anomalous Heating of Dirac Carriers by Lattice Deformation. Physical Review Letters, 2015, 114, 125503.	7.8	29
33	A Greenâ€™s-Function Approach to Exchange Spin Coupling As a New Tool for Quantum Chemistry. Journal of Chemical Theory and Computation, 2015, 11, 5651-5664.	5.3	27
34	Tuning emergent magnetism in a Hund's impurity. Nature Nanotechnology, 2015, 10, 958-964.	31.5	62
35	Shifting the Voltage Drop in Electron Transport Through a Single Molecule. Physical Review Letters, 2015, 115, 016802.	7.8	32
36	Plasmons in Strongly Correlated Systems: Spectral Weight Transfer and Renormalized Dispersion. Physical Review Letters, 2014, 113, 246407.	7.8	49

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37	Superconductivity, antiferromagnetism, and phase separation in the two-dimensional Hubbard model: A dual-fermion approach. Physical Review B, 2014, 90, .	3.2	77
38	Magnetic anisotropy energy and effective exchange interactions in Co intercalated graphene on Ir(111). Journal of Physics Condensed Matter, 2014, 26, 476003.	1.8	6
39	Beyond extended dynamical mean-field theory: Dual boson approach to the two-dimensional extended Hubbard model. Physical Review B, 2014, 90, .	3.2	76
40	Collective charge excitations of strongly correlated electrons, vertex corrections, and gauge invariance. Physical Review B, 2014, 90, .	3.2	51
41	Measuring the Dzyaloshinskii-Moriya interaction in a weak ferromagnet. Nature Physics, 2014, 10, 202-206.	16.7	149
42	Fermi Condensation Near van Hove Singularities Within the Hubbard Model on the Triangular Lattice. Physical Review Letters, 2014, 112, 070403.	7.8	116
43	Correlation effects in solids: From DFT to DMFT. , 2013, , .		1
44	Doping mechanisms in graphene-MoS2 hybrids. Applied Physics Letters, 2013, 103, .	3.3	107
45	Excitation Spectra of Transition-Metal Atoms on the Ag (100) Surface Controlled by Hund's Exchange. Physical Review Letters, 2013, 110, 186404.	7.8	14
46	Current-Driven Spin Dynamics of Artificially Constructed Quantum Magnets. Science, 2013, 339, 55-59.	12.6	197
47	Non-equilibrium magnetic interactions in strongly correlated systems. Annals of Physics, 2013, 333, 221-271.	2.8	38
48	Adatoms and Clusters of Transition Metals on Graphene: Electronic and Magnetic Configurations. Physical Review Letters, 2013, 110, 136804.	7.8	159
49	Local Gating of an Ir(111) Surface Resonance by Graphene Islands. Physical Review Letters, 2012, 108, 206805.	7.8	43
50	Enhanced Screening in Chemically Functionalized Graphene. Physical Review Letters, 2012, 109, 156601.	7.8	25
51	Strong Electronic Correlations: Dynamical Mean-Field Theory and Beyond. Lecture Notes in Physics, 2012, , 145-214.	0.7	1
52	Multiorbital Kondo physics of Co in Cu hosts. Physical Review B, 2012, 85, .	3.2	50
53	Valence-band satellite in ferromagnetic nickel: LDA+DMFT study with exact diagonalization. Physical Review B, 2012, 85, .	3.2	28
54	In-Plane Magnetic Anisotropy of Fe Atoms on Transition Metals on Graphene: Electronic and Magnetic Configurations. Physical Review Letters, 2013, 110, 136804.	7.8	159

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55	Dual boson approach to collective excitations in correlated fermionic systems. <i>Annals of Physics</i> , 2012, 327, 1320-1335.	2.8	115
56	Dual fermion approach to non-equilibrium strongly correlated problems. <i>Annalen Der Physik</i> , 2012, 524, 49-61.	2.4	29
57	Ultrarast Transport of Laser-Excited Spin-Polarized Carriers in $\text{Au}/\text{Fe}/\text{MgO}/\text{Au}$ Tunnel Junctions. <i>Physical Review Letters</i> , 2011, 107, 106804.	7.8	453
58	Strength of Effective Coulomb Interactions in Graphene and Graphite. <i>Physical Review Letters</i> , 2011, 106, 236805.	7.8	453
59	Continuous-time Monte Carlo methods for quantum impurity models. <i>Reviews of Modern Physics</i> , 2011, 83, 349-404.	45.6	1,185
60	Spin-spin correlations in ferromagnetic nanosystems. <i>European Physical Journal B</i> , 2011, 80, 331-336.	1.5	7
61	Orbital magnetic moment and extrinsic spin Hall effect for iron impurities in gold. <i>Physical Review B</i> , 2011, 84, .	3.2	4
62	Two-Site Kondo Effect in Atomic Chains. <i>Physical Review Letters</i> , 2011, 107, 106804.	7.8	58
63	Orbital Kondo Effect in Cobalt-Benzene Sandwich Molecules. <i>Physical Review Letters</i> , 2011, 107, 146604.	7.8	33
64	Theory of optically forbidden d transitions in strongly correlated crystals. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 382201.	1.8	7
65	Double counting in LDA+DMFT: The example of NiO. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2010, 181, 11-15.	1.7	108
66	Electronic structure and spectral properties of heavy actinides Pu, Am, Cm and Bk. <i>IOP Conference Series: Materials Science and Engineering</i> , 2010, 9, 012049.	0.6	1
67	Correlated Electrons Step by Step: Itinerant-to-Localized Transition of Fe Impurities in Free-Electron Metal Hosts. <i>Physical Review Letters</i> , 2010, 104, 117601.	7.8	22
68	Nature of the Mott Transition in Ca_2RuO_4 . <i>Physical Review Letters</i> , 2010, 104, 226401.	7.8	128
69	Effect of Ligand Substitution on the Exchange Interactions in $\{\text{Mn}_{12}\}$ -Type Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2010, 49, 10902-10906.	4.0	27
70	Probing the Kondo screening cloud via tunneling-current conductance fluctuations. <i>Physical Review B</i> , 2009, 80, .	3.2	6
71	Strength of Correlation Effects in the Electronic Structure of Iron. <i>Physical Review Letters</i> , 2009, 103, 267203.	7.8	107
72	Superperturbation solver for quantum impurity models. <i>Europhysics Letters</i> , 2009, 85, 27007.	2.0	46

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73	Adsorbates on graphene: Impurity states and electron scattering. Chemical Physics Letters, 2009, 476, 125-134.	2.6	234
74	$\hat{\Gamma}^3$ -Mn at the border between weak and strong correlations. European Physical Journal B, 2009, 72, 473-478.	1.5	18
75	Electron-lattice interactions in the perovskite LaFeO_3 by optical spectroscopy and LaFeO_3 . Physical Review B, 2009, 80, .	3.2	15
76	Efficient Perturbation Theory for Quantum Lattice Models. Physical Review Letters, 2009, 102, 206401.	7.8	105
77	Metal-insulator transition by suppression of spin fluctuations. Europhysics Letters, 2009, 85, 37006.	2.0	27
78	First-principles studies of water adsorption on graphene: The role of the substrate. Applied Physics Letters, 2008, 93, .	3.3	294
79	Mechanism for Orbital Ordering in KCuF_3 . Physical Review Letters, 2008, 101, 266405.	7.8	86
80	Molecular Doping of Graphene. Nano Letters, 2008, 8, 173-177.	9.1	1,025
81	Half-metallic ferromagnets: From band structure to many-body effects. Reviews of Modern Physics, 2008, 80, 315-378.	45.6	860
82	Phonon-Mediated Tunneling into Graphene. Physical Review Letters, 2008, 101, 216803.	7.8	76
83	Midgap states in corrugated graphene: Ab initio calculations and effective field theory. Europhysics Letters, 2008, 84, 17003.	2.0	113
84	Orbital magnetism in transition metal systems: The role of local correlation effects. Europhysics Letters, 2008, 82, 37001.	2.0	57
85	Ultrafast dynamics at lanthanide surfaces: microscopic interaction of the charge, lattice and spin subsystems. Journal Physics D: Applied Physics, 2008, 41, 164004.	2.8	11
86	Orbital moment of a single Co atom on a Pt(111) surface—a view from correlated band theory. Journal of Physics Condensed Matter, 2008, 20, 015002.	1.8	14
87	Controlling the Kondo Effect in CoCu_n Clusters Atom by Atom. Physical Review Letters, 2008, 101, 266803.	7.8	77
88	Cluster dynamical mean-field calculations for TiOCl. New Journal of Physics, 2007, 9, 380-380.	2.9	11
89	Spin-polarized tunneling microscopy and the Kondo effect. Physical Review B, 2007, 76, .	3.2	16
90	Nonperturbative Scaling Theory of Free Magnetic Moment Phases in Disordered Metals. Physical Review Letters, 2007, 99, 247202.	7.8	27

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91	Continued crystal field splitting and orbital selective coherence induced by strong correlations in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle V \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle O \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$.	3.2	129
92	Magnetism and Local Distortions near Carbon Impurity in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle \hat{I}^3 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Iron. Physical Review Letters, 2007, 99, 247205.	7.8	76
93	Non-quasiparticle effects in half-metallic ferromagnets. Journal of Physics Condensed Matter, 2007, 19, 315201.	1.8	23
94	Phonon related properties of transition metals, their carbides, and nitrides: A first-principles study. Journal of Applied Physics, 2007, 101, 123519.	2.5	312
95	Spin-Resolved Electronic Structure of Nanoscale Cobalt Islands on Cu(111). Physical Review Letters, 2006, 96, 237203.	7.8	124
96	Electron Correlations and the Minority-Spin Band Gap in Half-Metallic Heusler Alloys. Physical Review Letters, 2006, 96, 137203.	7.8	61
97	Reply to the Comment by O. Eriksson and J. M. Wills on "Nature of non-magnetic strongly-correlated state in \hat{I} -plutonium". Europhysics Letters, 2006, 76, 172-173.	2.0	0
98	Valence band resonant photoemission of Mn12 single molecules grafted on Au(111) surface. Surface Science, 2006, 600, 4185-4189.	1.9	35
99	Nature of non-magnetic strongly-correlated state in \hat{I} -plutonium. Europhysics Letters, 2006, 74, 479-485.	2.0	50
100	Nature of Non-magnetic Strongly-Correlated State in Plutonium. Materials Research Society Symposia Proceedings, 2006, 986, 1.	0.1	0
101	Multiplet effects in the electronic structure of heavy rare-earth metals. Journal of Physics Condensed Matter, 2006, 18, 6329-6335.	1.8	18
102	Spectral Function of Ferromagnetic 3d Metals: A Self-Consistent LSDA+DMFT Approach Combined with the One-Step Model of Photoemission. Physical Review Letters, 2006, 97, 227601.	7.8	80
103	Half-Metallic Ferromagnetism Induced by Dynamic Electron Correlations in VAs. Physical Review Letters, 2006, 96, 197203.	7.8	37
104	Coherent Peaks and Minimal Probing Depth in Photoemission Spectroscopy of Mott-Hubbard Systems. Physical Review Letters, 2006, 97, 116401.	7.8	74
105	Structure and electronic properties of new rutile-like rhenium (IV) dioxide ReO ₂ . Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 348, 66-70.	2.1	31
106	Electronic structure and magnetic properties of solids. Zeitschrift Fur Kristallographie - Crystalline Materials, 2005, 220, .	0.8	12
107	Experimental Observation and Theoretical Description of the Pure Fano Effect in the Valence-Band Photoemission of Ferromagnets. Physical Review Letters, 2005, 95, 166401.	7.8	21
108	Structural distortions and orbital ordering in LaTiO ₃ and YTiO ₃ . Europhysics Letters, 2005, 70, 499-505.	2.0	38

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109	Kondo Resonance for Orbitally Degenerate Systems. Physical Review Letters, 2004, 93, 236403.	7.8	18
110	Magnetic susceptibility, exchange interactions and spin-wave spectra in the local spin density approximation. Journal of Physics Condensed Matter, 2004, 16, 7439-7446.	1.8	60
111	Ab initio phonon calculations for L12 Ni3Al and B2 NiAl. Solid State Communications, 2004, 129, 809-814.	1.9	24
112	Defects in half-metals and finite temperature. Journal of Physics Condensed Matter, 2004, 16, S5517-S5524.	1.8	37
113	Mott Transition and Suppression of Orbital Fluctuations in Orthorhombic d1 Perovskites. Physical Review Letters, 2004, 92, 176403.	7.8	411
114	Electronic structure and exchange interactions in V15 magnetic molecules: LDA+U results. Journal of Applied Physics, 2003, 93, 7080-7082.	2.5	20
115	Atomic clusters of magnetic oxides: Structure and phonons. Journal of Applied Physics, 2003, 93, 7379-7381.	2.5	13
116	Real-space imaging of an orbital Kondo resonance on the Cr(001) surface. Nature, 2002, 415, 507-509.	27.8	68
117	Spectral properties and pseudogap in the stripe phases of cuprate superconductors. Physical Review B, 2001, 64, .	3.2	54
118	Deconfinement Transition and Luttinger to Fermi Liquid Crossover in Quasi-One-Dimensional Systems. Physical Review Letters, 2001, 87, 276405.	7.8	101
119	First-principles calculations of magnetic interactions in correlated systems. Physical Review B, 2000, 61, 8906-8912.	3.2	204
120	One-Dimensional Metallic Behavior of the Stripe Phase in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. Physical Review Letters, 2000, 84, 4962-4965.	7.8	81
121	Photoemission Quasiparticle Spectra of Sr_2RuO_4 . Physical Review Letters, 2000, 84, 1591-1594.	7.8	117
122	Anisotropic thermal expansion in silicates: A density functional study of β -eucryptite and related materials. Physical Review B, 2000, 62, 11487-11493.	3.2	53
123	Antiferromagnetism and d-wave superconductivity in cuprates: A cluster dynamical mean-field theory. Physical Review B, 2000, 62, R9283-R9286.	3.2	316
124	LDA++ approach to the electronic structure of magnets: correlation effects in iron. Journal of Physics Condensed Matter, 1999, 11, 1037-1048.	1.8	90
125	Spectral and transport properties of doped Mott-Hubbard systems with incommensurate magnetic order. Physical Review B, 1999, 60, 5224-5243.	3.2	24
126	Optical Properties of Doped Antiferromagnets. Journal of Superconductivity and Novel Magnetism, 1999, 12, 147-149.	0.5	0

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127	Implementation of the LDA+U method using the full-potential linearized augmented plane-wave basis. <i>Physical Review B</i> , 1999, 60, 10763-10769.	3.2	259
128	Orbital magnetism in FeO. <i>Journal of Magnetism and Magnetic Materials</i> , 1998, 185, 118-120.	2.3	16
129	Ab initio calculations of quasiparticle band structure in correlated systems: LDA++ approach. <i>Physical Review B</i> , 1998, 57, 6884-6895.	3.2	589
130	Is Hund's Second Rule Responsible for the Orbital Magnetism in Solids?. <i>Physical Review Letters</i> , 1998, 80, 5758-5761.	7.8	157
131	Dynamical Mean-Field Theory for Doped Antiferromagnets. <i>Physical Review Letters</i> , 1998, 80, 2393-2396.	7.8	32
132	Location of holes in $\text{Y}_{1-x}\text{Pr}_x\text{Ba}_2\text{Cu}_3\text{O}_7$. <i>Physical Review B</i> , 1998, 57, 150-152.	3.2	20
133	Orbital magnetic moment enhancement at surfaces and interfaces within the framework of the local density approximation+U method. <i>Journal of Applied Physics</i> , 1998, 83, 7022-7024.	2.5	6
134	Anisotropic thermal expansion in the silicate β -eucryptite: A neutron diffraction and density functional study. <i>Physical Review B</i> , 1998, 58, 6219-6223.	3.2	49
135	Superconducting pairing of spin polarons in the t-J model. <i>Physical Review B</i> , 1997, 55, R11997-R12000.	3.2	38
136	Surface states on NiO (100) and the origin of the contrast reversal in atomically resolved scanning tunneling microscope images. <i>Physical Review B</i> , 1997, 56, 4900-4908.	3.2	129
137	Density functional study of structure and bonding in lithium clusters Li_n and their oxides Li_nO . <i>Journal of Chemical Physics</i> , 1997, 106, 4566-4574.	3.0	117
138	First-principles calculations of the electronic structure and spectra of strongly correlated systems: the LDA+U method. <i>Journal of Physics Condensed Matter</i> , 1997, 9, 767-808.	1.8	3,137
139	Plasmon damping and response function in doped compounds. <i>Journal of Physics Condensed Matter</i> , 1996, 8, 4001-4016.	1.8	11
140	Out-of-plane instability and electron-phonon contribution to s-d-wave pairing in high-temperature superconductors; LDA linear-response calculation for doped CaCuO_2 and a generic tight-binding model. <i>Journal of Low Temperature Physics</i> , 1996, 105, 285-304.	1.4	56
141	Plasmon dispersion and broadening in $\text{A}_3\text{C}_6\text{O}$ (A=K, Rb). <i>Physical Review B</i> , 1996, 53, 3455-3458.	3.2	6
142	Quasiparticle bands and superconductivity in bilayer cuprates. <i>Physical Review B</i> , 1996, 54, 12505-12508.	3.2	91
143	Theory of non-Heisenberg exchange: Results for localized and itinerant magnets. <i>Journal of Applied Physics</i> , 1996, 79, 4805.	2.5	37
144	Antiferromagnetic interactions and the superconducting gap function. <i>Physical Review B</i> , 1996, 53, 5137-5140.	3.2	12

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145	Extended S wave and gapless superconductivity due to antiferromagnetism A model inspired by HTS. Physica C: Superconductivity and Its Applications, 1995, 244, 185-192.	1.2	14
146	Electron-boson interaction can help d wave pairing self-consistent approach. Physica C: Superconductivity and Its Applications, 1995, 245, 186-192.	1.2	15
147	NMR relaxation rates in superconductors with (in)commensurate magnetic order a model inspired by high-Tc superconductors. Physica C: Superconductivity and Its Applications, 1995, 252, 27-48.	1.2	10
148	Calculation of magneto-optical properties for 4f systems: LSDA + Hubbard U results. Journal of Physics and Chemistry of Solids, 1995, 56, 1521-1524.	4.0	151
149	LDA energy bands, low-energy hamiltonians, ϵ^2 , ϵ^3 , $\chi(k)$, and χ . Journal of Physics and Chemistry of Solids, 1995, 56, 1573-1591.	4.0	697
150	Density-functional theory and strong interactions: Orbital ordering in Mott-Hubbard insulators. Physical Review B, 1995, 52, R5467-R5470.	3.2	3,752
151	s-Wave Superconductivity from an Antiferromagnetic Spin-Fluctuation Model for Bilayer Materials. Physical Review Letters, 1995, 74, 2303-2306.	7.8	73
152	Electronic structure and elastic properties of Au/Cr(001) superlattices. Physical Review B, 1995, 51, 4497-4506.	3.2	4
153	Quantitative Model for the Superconductivity Suppression in $R_1-xPr_xBa_2Cu_3O_7$ with Different Rare Earths. Physical Review Letters, 1995, 74, 1000-1003.	7.8	160
154	Momentum dependence of the linewidth of Raman-active phonons in the normal state of $YBa_2Cu_3O_7$. Physical Review B, 1995, 51, 3961-3964.	3.2	7
155	Displacive excitation of coherent phonons in $YBa_2Cu_3O_7$. Physical Review B, 1994, 49, 9210-9213.	3.2	38
156	Plane dimpling and saddle-point bifurcation in the band structures of optimally doped high-temperature superconductors: A tight-binding model. Physical Review B, 1994, 49, 4145-4157.	3.2	215
157	Three-molecular-orbital treatment of the orientational ordering in A_3C_60 . Solid State Communications, 1994, 91, 497-500.	1.9	3
158	Orbital ordering and magneto-optical effects in CeSb. Journal of Applied Physics, 1994, 76, 6705-6707.	2.5	0
159	Electronic structure and magneto-optical effects in CeSb. Physical Review B, 1994, 49, 10770-10773.	3.2	57
160	Theoretical search for bistability of apical oxygen in $YBa_2Cu_3O_7$. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1994, 70, 643-646.	0.6	3
161	Superconducting and transport electron-phonon coupling constants in $YBa_2Cu_3O_7$: effect of the interband anisotropy. Physica C: Superconductivity and Its Applications, 1993, 209, 125-128.	1.2	20
162	Phonons, electron-phonon, and electron-plasmon coupling in C_60 compounds. Physical Review B, 1993, 48, 7651-7664.	3.2	159

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163	Electronic susceptibility of YBa ₂ Cu ₃ O ₇ and its relation to phonon anomalies. Journal of Physics Condensed Matter, 1993, 5, A377-A380.	1.8	0
164	Electronic structure and magnetic susceptibility of the different structural modifications of Ti, Zr, and Hf metals. Physical Review B, 1993, 48, 7841-7849.	3.2	70
165	Orientalional order in A ₃ C ₆₀ : Antiferromagnetic Ising model for the fcc lattice. Physical Review Letters, 1993, 70, 4142-4145.	7.8	40
166	Dominance of the spin-dipolar NMR relaxation mechanism in fullerene superconductors. Physical Review B, 1993, 47, 12373-12376.	3.2	60
167	Interpretation of de Haas-van Alphen measurements on YBa ₂ Cu ₃ O ₇ . Physical Review Letters, 1992, 68, 3936-3936.	7.8	13
168	Conduction-band structure of alkali-metal-doped C ₆₀ . Physical Review B, 1992, 46, 1773-1793.	3.2	236
169	Spiral-spin-density-wave states in fcc iron: Linear-muffin-tin-orbitals band-structure approach. Physical Review B, 1992, 45, 12330-12336.	3.2	109
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