

Ryotaro Arita

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/346996/publications.pdf>

Version: 2024-02-01

332
papers

20,992
citations

13332

70
h-index

12940

136
g-index

336
all docs

336
docs citations

336
times ranked

16985
citing authors

#	ARTICLE	IF	CITATIONS
1	The 2021 room-temperature superconductivity roadmap. Journal of Physics Condensed Matter, 2022, 34, 183002.	0.7	79
2	Topological Magnets: Functions Based on Berry Phase and Multipoles. Annual Review of Condensed Matter Physics, 2022, 13, 119-142.	5.2	31
3	Field-induced multiple metal-insulator crossovers of correlated Dirac electrons of perovskite CaIrO ₃ . Npj Quantum Materials, 2022, 7, .	1.8	4
4	Phase Diagram of Nickelate Superconductors Calculated by Dynamical Vertex Approximation. Frontiers in Physics, 2022, 9, .	1.0	24
5	Large anomalous Nernst effect and nodal plane in an iron-based kagome ferromagnet. Science Advances, 2022, 8, eabk1480.	4.7	35
6	Magnetic structures and electronic properties of cubic-pyrochlore ruthenates from first principles. Journal of Physics Condensed Matter, 2022, 34, 194003.	0.7	2
7	Hyperuniform electron distributions controlled by electron interactions in quasicrystals. Physical Review B, 2022, 105, .	1.1	6
8	Multipole polaron in the devil's staircase of CeSb. Nature Materials, 2022, 21, 410-415.	13.3	9
9	Anharmonic Gr ^{1/4} neisen theory based on self-consistent phonon theory: Impact of phonon-phonon interactions neglected in the quasiharmonic theory. Physical Review B, 2022, 105, .	1.1	11
10	Ab Initio Downfolding Based on the GW Approximation for Infinite-Layer Nickelates. Frontiers in Physics, 2022, 10, .	1.0	6
11	Anomalous transport properties of the antiferromagnetic Weyl semimetals Mn ₃ X (X = Sn, Tl). Physical Review B, 2022, 105, .	0.3	1
12	Superconductivity in infinite-layer nickelates. Reports on Progress in Physics, 2022, 85, 052501.	8.1	43
13	Wannier-based implementation of the coherent potential approximation with applications to Fe-based transition metal alloys. Physical Review B, 2022, 105, .	1.1	1
14	Maximizing intrinsic anomalous Hall effect by controlling the Fermi level in simple Weyl semimetal films. Physical Review B, 2022, 105, .	1.1	4
15	Spin-orbit-derived giant magnetoresistance in a layered magnetic semiconductor Ag ₂ CrSe ₂ . Physical Review Materials, 2022, 6, .	1.1	1
16	Optimal alloying in hydrides: Reaching room-temperature superconductivity in LaH ₁₀ . Physical Review B, 2022, 105, .	1.1	1
17	Quantum and temperature effects on the crystal structure of superhydride LaH ₁₀ : A path integral molecular dynamics study. Physical Review B, 2022, 105, .	1.1	1
18	Fermi Surface Expansion above Critical Temperature in a Hund Ferromagnet. Physical Review Letters, 2022, 128, .	2.9	5

#	ARTICLE	IF	CITATIONS
19	Doping fingerprints of spin and lattice fluctuations in moiré superlattice systems. <i>Physical Review B</i> , 2022, 105, .	1.1	6
20	Odd-even layer-number effect of valence-band spin splitting in WTe_2 . <i>Physical Review Research</i> , 2022, 4, .	1.1	5
21	Strongly correlated superconductivity with long-range spatial fluctuations. <i>JPhys Materials</i> , 2022, 5, 034005.	1.8	7
22	Metal-to-insulator transition in Pt-doped TiSe ₂ driven by emergent network of narrow transport channels. <i>Npj Quantum Materials</i> , 2021, 6, .	1.8	10
23	Evidence for a higher-order topological insulator in a three-dimensional material built from van der Waals stacking of bismuth-halide chains. <i>Nature Materials</i> , 2021, 20, 473-479.	13.3	98
24	Geometrical Hall effect and momentum-space Berry curvature from spin-reversed band pairs. <i>Physical Review B</i> , 2021, 103, .	1.1	8
25	Benchmark for <i>AbInitio</i> Prediction of Magnetic Structures Based on Cluster-Multipole Theory. <i>Physical Review X</i> , 2021, 11, .	2.8	11
26	Quantum transport observed in films of the magnetic topological semimetal EuSb ₂ . <i>Physical Review B</i> , 2021, 103, .	1.1	1
27	Giant Effective Damping of Octupole Oscillation in an Antiferromagnetic Weyl Semimetal. <i>Small Science</i> , 2021, 1, 2000062.	5.8	20
28	Gate-controlled BCS-BEC crossover in a two-dimensional superconductor. <i>Science</i> , 2021, 372, 190-195.	6.0	69
29	Chemical physics of superconductivity in layered yttrium carbide halides from first principles. <i>Physical Review B</i> , 2021, 103, .	1.1	0
30	First-principles design of halide-reduced electrides: Magnetism and topological phases. <i>Physical Review Materials</i> , 2021, 5, .	0.9	5
31	Fully filling-controlled pyrochlore ruthenates: Emergent ferromagnetic-metal state and geometrical Hall effect. <i>Physical Review B</i> , 2021, 103, .	1.1	2
32	Efficient fluctuation-exchange approach to low-temperature spin fluctuations and superconductivity: From the Hubbard model to $\text{Na}_2\text{Hf}_2\text{O}_7$. <i>Physical Review B</i> , 2021, 103, .	1.1	1
33	Visualization of the strain-induced topological phase transition in a quasi-one-dimensional superconductor TaSe ₃ . <i>Nature Materials</i> , 2021, 20, 1093-1099.	13.3	57
34	Anisotropic superconductivity in the topological crystalline metal Pb_3TaS_2 with multiple Dirac fermions. <i>Physical Review B</i> , 2021, 104, .	1.1	5
35	Absence of conventional room-temperature superconductivity at high pressure in carbon-doped HfS_3 . <i>Physical Review B</i> , 2021, 104, .	1.1	40
36	High-pressure synthesis of $\text{Ba}_2\text{Rh}_2\text{O}_7$, a rhodate analog of the layered perovskite Sr-ruthenate. <i>Physical Review Materials</i> , 2021, 5, .	0.9	2

#	ARTICLE	IF	CITATIONS
37	Anomalous transport due to Weyl fermions in the chiral antiferromagnets Mn ₃ X, X=Sn, Ge. Nature Communications, 2021, 12, 572.	5.8	90
38	Origin of anomalous temperature dependence of the Nernst effect in narrow-gap semiconductors. Physical Review B, 2021, 103, .	1.1	4
39	Magneto-optical spectroscopy on Weyl nodes for anomalous and topological Hall effects in chiral MnGe. Nature Communications, 2021, 12, 5974.	5.8	13
40	Emergence of spin-orbit coupled ferromagnetic surface state derived from Zak phase in a nonmagnetic insulator FeSi. Science Advances, 2021, 7, eabj0498.	4.7	10
41	Skyrmion-size dependence of the topological Hall effect: A real-space calculation. Physical Review B, 2021, 104, .	1.1	10
42	Tuning the Parity Mixing of Singlet-Septet Pairing in a Half-Heusler Superconductor. Physical Review X, 2021, 11, .	2.8	9
43	Wannier90 as a community code: new features and applications. Journal of Physics Condensed Matter, 2020, 32, 165902.	0.7	807
44	Giant magneto-optical responses in magnetic Weyl semimetal Co ₃ Sn ₂ S ₂ . Nature Communications, 2020, 11, 4619.	5.8	92
45	Efficient <i>ab initio</i> Migdal-Eliashberg calculation considering the retardation effect in phonon-mediated superconductors. Physical Review B, 2020, 102, .	1.1	19
46	Local force method for the <i>ab initio</i> tight-binding model: Effect of spin-dependent hopping on exchange interactions. Physical Review B, 2020, 102, .	1.1	15
47	Topological Nernst Effect of the Two-Dimensional Skyrmion Lattice. Physical Review Letters, 2020, 125, 076602.	2.9	55
48	Physical properties of weak-coupling quasiperiodic superconductors. Physical Review B, 2020, 102, .	1.1	25
49	Nickelate superconductors—a renaissance of the one-band Hubbard model. Npj Quantum Materials, 2020, 5, .	1.8	129
50	Topological Kagome Magnet Co ₃ Sn ₂ S ₂ Thin Flakes with High Electron Mobility and Large Anomalous Hall Effect. Nano Letters, 2020, 20, 7476-7481.	4.5	54
51	Formation Mechanism of the Helical Q Structure in Gd-Based Skyrmion Materials. Physical Review Letters, 2020, 125, 117204.	2.9	48
52	Imaging the coupling between itinerant electrons and localised moments in the centrosymmetric skyrmion magnet GdRu ₂ Si ₂ . Nature Communications, 2020, 11, 5925.	5.8	75
53	Competing spin modulations in the magnetically frustrated semimetal EuCuSb. Physical Review B, 2020, 102, .	1.1	10
54	Cluster Multipole Dynamics in Noncollinear Antiferromagnets. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
55	Devil's staircase transition of the electronic structures in CeSb. Nature Communications, 2020, 11, 2888.	5.8	21
56	A perspective on conventional high-temperature superconductors at high pressure: Methods and materials. Physics Reports, 2020, 856, 1-78.	10.3	304
57	Materials design of dynamically stable layered nickelates. Physical Review B, 2020, 101, .	2.9	27
58	Microscopic characterization of the superconducting gap function in $\text{Sn}_x\text{In}_x\text{Te}$. Physical Review B, 2020, 101, .	1.1	6
59	Iron-based binary ferromagnets for transverse thermoelectric conversion. Nature, 2020, 581, 53-57.	13.7	162
60	Electrical manipulation of a topological antiferromagnetic state. Nature, 2020, 580, 608-613.	13.7	212
61	Quantum crystal structure in the 250-kelvin superconducting lanthanum hydride. Nature, 2020, 578, 66-69.	13.7	193
62	Enhancement of the transverse thermoelectric conductivity originating from stationary points in nodal lines. Physical Review B, 2020, 102, .	1.1	23
63	Superconductivity in Uniquely Strained RuO_2 Films. Physical Review Letters, 2020, 125, 147001.	2.9	27
64	Cluster multipole dynamics in noncollinear antiferromagnets. Physical Review Research, 2020, 2, .	1.3	16
65	Magnetic exchange coupling in cuprate-analog layered nickelates. Physical Review Research, 2020, 2, .	1.1	6
66	A Prediction for "Hot" Superconductivity. Physics Magazine, 2019, 12, .	0.1	4
67	Strong-correlation induced high-mobility electrons in Dirac semimetal of perovskite oxide. Nature Communications, 2019, 10, 362.	5.8	59
68	Unconventional orbital ordering and emergent dimensional reduction in fulleride superconductors. Physical Review B, 2019, 99, .	1.1	6
69	Multipole expansion for magnetic structures: A generation scheme for a symmetry-adapted orthonormal basis set in the crystallographic point group. Physical Review B, 2019, 99, .	1.1	59
70	Topological transitions among skyrmion- and hedgehog-lattice states in cubic chiral magnets. Nature Communications, 2019, 10, 1059.	5.8	112
71	Enhanced thermopower in the correlated semimetallic phase of hole-doped pyrochlore iridates. Physical Review B, 2019, 99, .	1.1	9
72	A weak topological insulator state in quasi-one-dimensional bismuth iodide. Nature, 2019, 566, 518-522.	13.7	119

#	ARTICLE	IF	CITATIONS
73	Giant thermoelectric power factor in ultrathin FeSe superconductor. Nature Communications, 2019, 10, 825.	5.8	61
74	Formation of a two-dimensional single-component correlated electron system and band engineering in the nickelate superconductor NdNiO_2 . Physical Review B, 2019, 100, .	1.1	161
75	Large Variation of Dirac Semimetal State in Perovskite CaIrO_3 with Pressure-Tuning of Electron Correlation. Physical Review Letters, 2019, 123, 216601.	2.9	19
76	Possible Superconductivity Induced by a Large Spin-Orbit Coupling in Carrier Doped Iridium Oxide Insulators: A Weak Coupling Approach. Journal of the Physical Society of Japan, 2019, 88, 094701.	0.7	3
77	Ferromagnetic state above room temperature in a proximitized topological Dirac semimetal. Physical Review B, 2019, 100, .	1.1	18
78	Finite phenine nanotubes with periodic vacancy defects. Science, 2019, 363, 151-155.	6.0	159
79	Exotic pairing state in quasicrystalline superconductors under a magnetic field. Physical Review Research, 2019, 1, .	1.3	35
80	Experimental Determination of the Topological Phase Diagram in Cerium Monopnictides. Physical Review Letters, 2018, 120, 086402.	2.9	50
81	Magnetic order of Nd_5Pb_3 single crystals. Journal of Physics Condensed Matter, 2018, 30, 135801.	0.7	4
82	Large magneto-thermopower in MnGe with topological spin texture. Nature Communications, 2018, 9, 408.	5.8	36
83	Large magneto-optical Kerr effect and imaging of magnetic octupole domains in an antiferromagnetic metal. Nature Photonics, 2018, 12, 73-78.	15.6	260
84	First-Principles Evaluation of the Dzyaloshinskii-Moriya Interaction. Journal of the Physical Society of Japan, 2018, 87, 041011.	0.7	35
85	Multiple- q noncollinear magnetism in an itinerant hexagonal magnet. Science Advances, 2018, 4, eaau3402.	4.7	47
86	Spin-orbit coupling, minimal model and potential Cooper-pairing from repulsion in BiS_2 -superconductors. New Journal of Physics, 2018, 20, 043029.	1.2	4
87	Controlling the helicity of magnetic skyrmions in a \hat{I}^2 -Mn-type high-temperature chiral magnet. Physical Review B, 2018, 98, .	1.1	32
88	Emergence of interfacial conduction and ferromagnetism in MnTe/InP. Applied Physics Letters, 2018, 113, .	1.5	8
89	Giant anomalous Nernst effect and quantum-critical scaling in a ferromagnetic semimetal. Nature Physics, 2018, 14, 1119-1124.	6.5	366
90	Tailoring band structure and band filling in a simple cubic (IV, III)-VI superconductor. Physical Review Materials, 2018, 2, .	0.9	13

#	ARTICLE	IF	CITATIONS
91	Negative-pressure-induced helimagnetism in ferromagnetic cubic perovskites Sr $1-x$ BaxCoO ₃ . Physical Review Materials, 2018, 2, .	0.9	6
92	Nonempirical Calculation of Superconducting Transition Temperatures in Light-Element Superconductors. Advanced Materials, 2017, 29, 1602421.	11.1	22
93	Correlated Band Structure of a Transition Metal Oxide ZnO Obtained from a Many-Body Wave Function Theory. Physical Review Letters, 2017, 118, 026402.	2.9	17
94	Efficient Blue Electroluminescence from a Single-Layer Organic Device Composed Solely of Hydrocarbons. Chemistry - an Asian Journal, 2017, 12, 730-733.	1.7	15
95	Emergent Magn \AA li-type crystal phases and their mixture in pressurized sulfur hydride. Novel Superconducting Materials, 2017, 3, .	0.8	2
96	Cluster multipole theory for anomalous Hall effect in antiferromagnets. Physical Review B, 2017, 95, .	1.1	200
97	π -electron $S=1/2$ quantum spin-liquid state in an ionic polyaromatic hydrocarbon. Nature Chemistry, 2017, 9, 635-643.	6.6	46
98	Communication-Structural Modulation of Macrocyclic Materials for Charge Carrier Transport Layers in Organic Light-Emitting Devices. ECS Journal of Solid State Science and Technology, 2017, 6, M3065-M3067.	0.9	5
99	Pentagon-Embedded Cycloarylenes with Cylindrical Shapes. Angewandte Chemie - International Edition, 2017, 56, 9106-9110.	7.2	40
100	Superconductivity on a quasiperiodic lattice: Extended-to-localized crossover of Cooper pairs. Physical Review B, 2017, 95, .	1.1	47
101	Evidence for magnetic Weyl fermions in a correlated metal. Nature Materials, 2017, 16, 1090-1095.	13.3	450
102	Orbital-dependent quasiparticle scattering interference in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle R \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{z} \langle \text{mml:mo} \rangle / \langle \text{mml:math} \rangle$ Physical Review B, 2017, 96, .		
103	Localized-itinerant dichotomy and unconventional magnetism in SrRu ₂ O ₆ . Scientific Reports, 2017, 7, 11742.	1.6	13
104	Large anomalous Nernst effect at room temperature in a chiral antiferromagnet. Nature Physics, 2017, 13, 1085-1090.	6.5	432
105	Efficient method to calculate the electron-phonon coupling constant and superconducting transition temperature. Computer Physics Communications, 2017, 220, 239-242.	3.0	8
106	Pentagon-Embedded Cycloarylenes with Cylindrical Shapes. Angewandte Chemie, 2017, 129, 9234-9238.	1.6	18
107	Weak phonon-mediated pairing in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{BiS} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{z} \langle \text{mml:mo} \rangle / \langle \text{mml:math} \rangle$ superconductor from first principles. Physical Review B, 2017, 95, .		
108	Spectroscopic evidence for a type II Weyl semimetallic state in MoTe ₂ . Nature Materials, 2016, 15, 1155-1160.	13.3	437

#	ARTICLE	IF	CITATIONS
109	Exotic <i>s</i> -wave superconductivity in alkali-doped fullerides. Journal of Physics Condensed Matter, 2016, 28, 153001.	0.7	46
110	Orbital-Dependent Band Narrowing Revealed in an Extremely Correlated Hund's Metal Emerging on the Topmost Layer of Sr_2VO_6 . Physical Review Letters, 2016, 117, 247001.	2.9	16
111	Iterative diagonalization of the non-Hermitian transcorrelated Hamiltonian using a plane-wave basis set: Application to <i>sp</i> -electron systems with deep core states. Journal of Chemical Physics, 2016, 144, 104109.	1.2	13
112	Gate-Tuned Thermoelectric Power in Black Phosphorus. Nano Letters, 2016, 16, 4819-4824.	4.5	113
113	Possible d^0 -Phases and Self-Alloying in the Superconducting Sulfur Hydride. Physical Review Letters, 2016, 117, 075503.	2.9	63
114	Magnetic properties and pairing tendencies of the iron-based superconducting ladder BaFe_2O_6 : Combined <i>ab initio</i> and density matrix renormalization group study. Physical Review B, 2016, 94, .	1.1	35
115	On the possibility of excitonic magnetism in Ir double perovskites. Physical Review B, 2016, 93, .	1.1	35
116	Strain-induced topological transition in SrRu_2O_6 and CaOs_2O_6 . Physical Review B, 2016, 93, .	1.1	14
117	Dzyaloshinskii-Moriya Interaction as a Consequence of a Doppler Shift due to Spin-Orbit-Induced Intrinsic Spin Current. Physical Review Letters, 2016, 116, 247201.	2.9	103
118	Effect of Van Hove singularities on high- T_c superconductivity in H_3S . Physical Review B, 2016, 93, .	1.1	108
119	Aromatic hydrocarbon macrocycles for highly efficient organic light-emitting devices with single-layer architectures. Chemical Science, 2016, 7, 896-904.	3.7	63
120	Two-Dimensional Valley Electrons and Excitons in Noncentrosymmetric R_3CoSb_5 . Physical Review Applied, 2015, 4, .	1.5	43
121	Robust flat bands in R_3CoSb_5 . Physical Review B, 2015, 92, .	1.1	19
122	<i>Ab initio</i> downfolding study of the iron-based ladder superconductor BaFe_2O_6 . Physical Review B, 2015, 92, .	1.1	28
123	<i>Ab initio</i> study of the iron-based ladder superconductor BaFe_2O_6 . Physical Review B, 2015, 92, .	1.1	31
124	High antiferromagnetic transition temperature of the honeycomb compound SrRu_2O_6 . Physical Review B, 2015, 92, .	1.1	37
125	<i>Ab initio</i> downfolding for electron-phonon-coupled systems: Constrained density-functional perturbation theory. Physical Review B, 2015, 92, .	1.1	37
126	Temperature-Induced Lifshitz Transition in WTe_2 . Physical Review Letters, 2015, 115, 166602.	2.9	176

#	ARTICLE	IF	CITATIONS
127	Field-direction control of the type of charge carriers in nonsymmorphic IrO_2 . Physical Review B, 2015, 91, .		
128	Control of Dzyaloshinskii-Moriya interaction in $\text{Mn}^{1-x}\text{Fe}_x\text{Ge}$: a first-principles study. Scientific Reports, 2015, 5, 13302.	1.6	113
129	Unified understanding of superconductivity and Mott transition in alkali-doped fullerenes from first principles. Science Advances, 2015, 1, e1500568.	4.7	90
130	Modification of electronic structure and thermoelectric properties of hole-doped tungsten dichalcogenides. Physical Review B, 2015, 91, .	1.1	27
131	Nonlocal correlations induced by Hund's coupling: A cluster DMFT study. Physical Review B, 2015, 91, .	1.1	24
132	First-principles study of the pressure and crystal-structure dependences of the superconducting transition temperature in compressed sulfur hydrides. Physical Review B, 2015, 91, .	1.1	141
133	Emergent Loop-Nodal s -Wave Superconductivity in CeCu_2Si_2 . Similarities to $\text{Physical Review Letters}$, 2015, 114, 147002.	2.9	51
134	Theoretical Study of the Chemical Pressure Effect on T_c in the Cuprate Superconductors. Physics Procedia, 2014, 58, 34-37.	1.2	0
135	Mott versus Slater-Type Metal-Insulator Transition in Sr_2IrO_4 and Ba_2IrO_4 . , 2014, , .		4
136	Mechanism of charge transfer/disproportionation in $\text{LnCu}_3\text{Fe}_4\text{O}_{12}$ ($\text{Ln}=\text{La}$ -lanthanides). Physical Review B, 2014, 89, .	1.1	9
137	Multipole fluctuations of itinerant f electrons and triakontadipole order in URu_2Si_2 . Comptes Rendus Physique, 2014, 15, 587-598.	0.3	4
138	Photoinduced sign inversion of the anomalous Hall effect in EuO thin films. Physical Review B, 2014, 89, .	1.1	7
139	Anomalous Fermi surface in FeSe seen by Shubnikov-de Haas oscillation measurements. Physical Review B, 2014, 90, .	1.1	155
140	Density Functional Theory for Plasmon-Assisted Superconductivity. Journal of the Physical Society of Japan, 2014, 83, 061016.	0.7	29
141	Multiorbital cluster dynamical mean-field theory with an improved continuous-time quantum Monte Carlo algorithm. Physical Review B, 2014, 89, .	1.1	25
142	Effect of Electron-Phonon Interactions on Orbital Fluctuations in Iron-Based Superconductors. Physical Review Letters, 2014, 112, 027002.	2.9	19
143	First-Principles Study of the Honeycomb-Lattice Iridates NaIr_2O_6 and NaIrO_3 : the Presence of Strong Spin-Orbit Interaction and Electron Correlations. Physical Review Letters, 2014, 113, 107201.	2.9	19
144	Valley-dependent spin polarization in bulk MoS_2 with broken inversion symmetry. Nature Nanotechnology, 2014, 9, 611-617.	15.6	374

#	ARTICLE	IF	CITATIONS
145	Correlation effects in (111) bilayers of perovskite transition-metal oxides. Physical Review B, 2014, 89, .	1.1	63
146	Orbital mixture effect on the Fermi-surface T_c in the cuprate superconductors: Bilayer vs. single layer. Physical Review B, 2014, 89, .		
147	Anisotropy of the superconducting gap in the iron-based superconductor BaFe ₂ (As _{1-x} P _x) ₂ . Scientific Reports, 2014, 4, 7292.	1.6	25
148	Electron-Phonon Interactions and Orbital Fluctuations in Iron-based Superconductors. , 2014, , .		0
149	Zeeman-type spin splitting controlled by an electric field. Nature Physics, 2013, 9, 563-569.	6.5	462
150	Theory of Topological Quantum Phase Transitions in 3D Noncentrosymmetric Systems. Physical Review Letters, 2013, 110, 086402.	2.9	28
151	Development of Density-Functional Theory for a Plasmon-Assisted Superconducting State: Application to Lithium Under High Pressures. Physical Review Letters, 2013, 111, 057006.	2.9	65
152	Three-orbital Study on the Orbital Distillation Effect in the High T _c Cuprates. Physics Procedia, 2013, 45, 13-16.	1.2	5
153	Local strain and anharmonicity in the bonding of Bi ₂ Se ₃ topological insulators. Physical Review B, 2013, 88, .		
154	Nonempirical study of superconductivity in alkali-doped fullerides based on density functional theory for superconductors. Physical Review B, 2013, 88, .	1.1	29
155	Shubnikov-de Haas oscillations in the bulk Rashba semiconductor BiTeI. Physical Review B, 2013, 87, .	1.1	29
156	Atomically resolved spectroscopic study of Sr ₂ IrO ₄ : Experiment and theory. Scientific Reports, 2013, 3, 3073.	1.6	55
157	Mechanism of Enhanced Optical Second-Harmonic Generation in the Conducting Pyrochlore-Type Pb ₂ Ir ₄ O ₁₄ Oxide Compound. Physical Review Letters, 2013, 110, 187402.	2.9	44
158	SCDFT Study of High T _c Nitride Superconductors. Physics Procedia, 2013, 45, 25-28.	1.2	0
159	Dependence of Carrier Doping on the Impurity Potential in Transition-Metal-Substituted FeAs-Based Superconductors. Physical Review Letters, 2013, 110, 107007.	2.9	73
160	Strongly Spin-Orbit Coupled Two-Dimensional Electron Gas Emerging near the Surface of Polar Semiconductors. Physical Review Letters, 2013, 110, 107204.	2.9	154
161	Extremely high electron mobility in a phonon-glass semimetal. Nature Materials, 2013, 12, 512-517.	13.3	174
162	Superconductivity in Cu _x IrTe ₂ driven by interlayer hybridization. Physical Review B, 2013, 87, .	1.1	70

#	ARTICLE	IF	CITATIONS
163	calculation of plasmon excitations in the quasi-one-dimensional organic compound (TMTSF) $G \cdot W$ PF Publisher's Note: Dependence of Carrier Doping on the Impurity Potential in Transition-Metal-Substituted FeAs-based Superconductors [Phys. Rev. Lett. 110 , 107007 (2013)]. Physical Review Letters, 2013, 110, .	1.1	5
164	Density functional theory for superconductors with particle-hole asymmetric electronic structure. Physical Review B, 2013, 88, .	1.1	18
166	Superconductivity assisted by interlayer pair hopping in multilayered cuprates. Physical Review B, 2013, 88, .	1.1	20
167	Development of a two-particle self-consistent method for multiorbital systems and its application to unconventional superconductors. Physical Review B, 2013, 87, .	1.1	29
168	First-principles band structure and FLEX approach to the pressure effect on T_c of the cuprate superconductors. Journal of Physics: Conference Series, 2013, 454, 012021.	0.3	7
169	Octet-Line Node Structure of Superconducting Order Parameter in KFe_2As_2 . Science, 2012, 337, 1314-1317.	6.0	215
170	Polar Antiferromagnets Produced with Orbital Order. Physical Review Letters, 2012, 108, 157603.	2.9	10
171	Enhanced Infrared Magneto-Optical Response of the Nonmagnetic Semiconductor BiTeI Driven by Bulk Rashba Splitting. Physical Review Letters, 2012, 109, 167401.	2.9	43
172	Spin Hall effect in iron-based superconductors: A Dirac-point effect. Physical Review B, 2012, 86, .	1.1	12
173	Effective on-site interaction for dynamical mean-field theory. Physical Review B, 2012, 86, .	1.1	60
174	High-temperature superconductivity in layered nitrides $Li \cdot \hat{I}^2$		

#	ARTICLE	IF	CITATIONS
181	<i>Ab initio</i> derivation of electronic low-energy models for C_{60} and aromatic compounds. <i>Physical Review B</i> , 2012, 85, .	1.1	83
182	Mechanisms of Enhanced Orbital Dia- and Paramagnetism: Application to the Rashba Semiconductor BiTeI. <i>Physical Review Letters</i> , 2012, 108, 247208.	2.9	35
183	Emergent quantum confinement at topological insulator surfaces. <i>Nature Communications</i> , 2012, 3, 1159.	5.8	235
184	Epitaxially Stabilized EuMoO_3 : A New Itinerant Ferromagnet. <i>Chemistry of Materials</i> , 2012, 24, 3746-3750.	3.2	21
185	Quantum dynamical screening of the local magnetic moment in Fe-based superconductors. <i>Physical Review B</i> , 2012, 86, .	1.1	65
186	Conductivity and incommensurate antiferromagnetism of $\text{Fe}_{1.02}\text{Se}_{0.10}\text{Te}_{0.90}$ under pressure. <i>Europhysics Letters</i> , 2012, 98, 37002.	0.7	1
187	Soft phonon mode coupled with antiferromagnetic order in incipient ferroelectric Mott insulators $\text{Sr}_{1-x}\text{Ba}_x\text{Mn}_2\text{O}_7$. <i>Physical Review Letters</i> , 2012, 108, 086403.	2.9	217
188	Three-dimensional bulk band dispersion in polar BiTeI with giant Rashba-type spin splitting. <i>Physical Review B</i> , 2012, 86, .	1.1	43
189	<i>Ab Initio</i> Studies on the Interplay between Spin-Orbit Interaction and Coulomb Correlation in $\text{Sr}_2\text{BaIrO}_6$. <i>Physical Review Letters</i> , 2012, 108, 086403.	2.9	217
190	Emergence of non-centrosymmetric topological insulating phase in BiTeI under pressure. <i>Nature Communications</i> , 2012, 3, 679.	5.8	220
191	Emergent rank-5 nematic order in URu2Si2. <i>Nature Physics</i> , 2012, 8, 528-533.	6.5	138
192	Effects of transition-metal substitution in the iron-based superconductor LaFeAsO: Momentum- and real-space analysis from first principles. <i>Solid State Communications</i> , 2012, 152, 728-734.	0.9	10
193	Two-dimensional and three-dimensional Fermi Surfaces of Superconducting $\text{BaFe}_{2-x}\text{As}_2$. <i>Physical Review Letters</i> , 2011, 106, 227001.	22.9	66
194	Suppression of superconductivity in Fe chalcogenides by annealing: A reverse effect to pressure. <i>Physical Review B</i> , 2011, 84, .	1.1	8
195	First-principles calculation of transition-metal impurities in LaFeAsO. <i>Physical Review B</i> , 2011, 83, .	1.1	80
196	Optical Response of Relativistic Electrons in the Polar BiTeI Semiconductor. <i>Physical Review Letters</i> , 2011, 107, 117401.	2.9	80
197	Giant Rashba-type spin splitting in bulk BiTeI. <i>Nature Materials</i> , 2011, 10, 521-526.	13.3	711
198	<i>Ab initio</i> Derivation of Correlated Superatom Model for Potassium Loaded Zeolite A. <i>Journal of the Physical Society of Japan</i> , 2011, 80, 124705.	0.7	9

#	ARTICLE	IF	CITATIONS
199	Origin of giant bulk Rashba splitting: Application to BiTeI. Physical Review B, 2011, 84, .	1.1	181
200	Orbital characters of three-dimensional Fermi surfaces in $\text{Eu}_{2-x}\text{Sr}_x\text{NiO}_4$ as probed by soft-x-ray angle-resolved photoemission spectroscopy. Physical Review B, 2011, 84, .	1.1	10
201	<i>Ab initio</i> electronic structure of solid coronene: Differences from and commonalities to picene. Physical Review B, 2011, 84, . Pseudogap of Metallic Layered Nickelate	1.1	37

202

#	ARTICLE	IF	CITATIONS
217	Dichotomy between Large Local and Small Ordered Magnetic Moments in Iron-Based Superconductors. Physical Review Letters, 2010, 104, 197002.	2.9	111
218	Spin density functional study of magnetism in potassium-loaded zeolite A. Physical Review B, 2009, 80, .	1.1	6
219	Ab initio derivation of the low-energy model for alkali-cluster-loaded sodalites. Physical Review B, 2009, 80, .	1.1	28
220	The LDA+DMFT Route to Identify Good Thermoelectrics. NATO Science for Peace and Security Series B: Physics and Biophysics, 2009, , 141-157.	0.2	6
221	First-Principles Electronic Structure of Solid Picene. Journal of the Physical Society of Japan, 2009, 78, 113704.	0.7	73
222	First-principles study on the origin of large thermopower in hole-doped LaRhO ₃ and CuRhO ₂ . Journal of Physics Condensed Matter, 2009, 21, 064223.	0.7	18
223	Is Fermi-Surface Nesting the Origin of Superconductivity in Iron Pnictides?: A Fluctuation-Exchange-Approximation Study. Journal of the Physical Society of Japan, 2009, 78, 113707.	0.7	52
224	Three-Dimensional Electronic Structure of Superconducting Iron Pnictides Observed by Angle-Resolved Photoemission Spectroscopy. Journal of the Physical Society of Japan, 2009, 78, 123706.	0.7	62
225	Ab initio Derivation of Low-Energy Model for \hat{p} -ET Type Organic Conductors. Journal of the Physical Society of Japan, 2009, 78, 083710.	0.7	163
226	Pnictogen height as a possible switch between high- T_c and low- T_c iron-based superconductors. Physical Review B, 2009, 79, .	1.1	615
227	Unconventional pairing originating from disconnected Fermi surfaces in the iron-based superconductor. New Journal of Physics, 2009, 11, 025017.	1.2	16
228	An improved algorithm for the functional renormalization group and its application to the 2D Hubbard model. Journal of Physics: Conference Series, 2009, 150, 052261.	0.3	0
229	Combined Approach of Density Functional Theory and Quantum Monte Carlo Method to Electron Correlation in Dilute Magnetic Semiconductors. Journal of the Physical Society of Japan, 2009, 78, 083703.	0.7	15
230	Study on the origin of large thermopower in hole doped LaRhO ₃ based on ab-initio downfolding. Journal of Physics: Conference Series, 2009, 150, 022095.	0.3	0
231	Minimal model for study on Superconductivity in LaFeAsO _{1-x} F _x based on ab-initio downfolding. Journal of Physics: Conference Series, 2009, 150, 052010.	0.3	4
232	Unified origin for superconductivity, magnetism, and large thermopower in Na _x FeAsO ₂ . Journal of Physics and Chemistry of Solids, 2008, 69, 3360-3364.	1.9	1
233	Unified origin for superconductivity and 3D magnetism in. Physica B: Condensed Matter, 2008, 403, 1151-1153.	1.3	0
234	Bandwidth and Fermi surface of iron oxypnictides: Covalency and sensitivity to structural changes. Physical Review B, 2008, 78, .	1.1	189

#	ARTICLE	IF	CITATIONS
235	Band Jahn-Teller Instability and Formation of Valence Bond Solid in a Mixed-Valent Spinel Oxide $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{LiRh} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle 2.9 \text{mathvariant="normal"} \rangle \text{O} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$. Physical Review		55
236	Unconventional Pairing Originating from the Disconnected Fermi Surfaces of Superconducting $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{LaFeAsO} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \hat{a}'' \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle x \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$. Physical Review Letters, 2008, 101, 087004.	1.1	105
237	<i>Ab initio</i> Derivation of Low-Energy Model for Iron-Based Superconductors LaFeAsO and LaFePO. Journal of the Physical Society of Japan, 2008, 77, 093711.	0.7	130
238	Electronic Structure and Electron Correlation in LaFeAsO _{1-x} F _x and LaFePO _{1-x} F _x . Journal of the Physical Society of Japan, 2008, 77, 093714.	0.7	84
239	Optical absorption study by ab initio downfolding approach: Application to GaAs. Physical Review B, 2008, 77, .	1.1	15
240	Origin of large thermopower in LiRh ₂ O ₄ : Calculation of the Seebeck coefficient by the combination of local density approximation and dynamical mean-field theory. Physical Review B, 2008, 78, .	1.1	46
241	Unconventional Superconductivity Originating from Disconnected Fermi Surfaces in the Iron-Based Oxypnictide. Journal of the Physical Society of Japan, 2008, 77, 96-98.	0.7	2
242	Photoemission Study of the Electronic Structure of LaFeAsO _{1-x} F _x and LaFePO _{1-x} F _x . Journal of the Physical Society of Japan, 2008, 77, 69-71.	0.7	2
243	SPIN CONFIGURATION IN THE ELECTRON MOLECULE IN FEW-ELECTRON QUANTUM DOTS IN STRONG MAGNETIC FIELDS \hat{a}'' SUPERPOSITION OF MULTIPLE CONFIGURATIONS. International Journal of Modern Physics B, 2007, 21, 1643-1648.	1.0	1
244	Doped Mott Insulator as the Origin of Heavy-Fermion Behavior in LiV ₂ O ₄ . Physical Review Letters, 2007, 98, 166402.	2.9	55
245	Phase diagram for the one-dimensional Hubbard-Holstein model: A density-matrix renormalization group study. Physical Review B, 2007, 76, .	1.1	67
246	Sr ₂ VO ₄ and Ba ₂ VO ₄ under pressure: An orbital switch and potential d ₁ superconductor. Physical Review B, 2007, 75, .	1.1	27
247	\hat{a}'' Pudding Mold \hat{a}'' Band Drives Large Thermopower in Na _x CoO ₂ . Journal of the Physical Society of Japan, 2007, 76, 083707.	0.7	232
248	Unified Origin for the 3D Magnetism and Superconductivity in Na _x CoO ₂ . Physical Review Letters, 2007, 98, 136401.	2.9	24
249	Design of a d ¹ -analogue of cuprates: Sr ₂ VO ₄ and Ba ₂ VO ₄ under pressure. Journal of Physics Condensed Matter, 2007, 19, 365204.	0.7	5
250	Itinerant Ferromagnetism in the Multiorbital Hubbard Model: A Dynamical Mean-Field Study. Physical Review Letters, 2007, 99, 216402.	2.9	26
251	Dynamical cluster approximation study of d- and p-wave pairing in the Hubbard model at. Journal of Magnetism and Magnetic Materials, 2007, 310, 645-647.	1.0	0
252	First-principles calculation of effective onsite Coulomb interactions of 3d transition metals: Constrained local density functional approach with maximally localized Wannier functions. Physical Review B, 2006, 74, .	1.1	72

#	ARTICLE	IF	CITATIONS
253	Metal induced gap states at tetratetracontane/Cu interface. European Physical Journal Special Topics, 2006, 132, 199-203.	0.2	0
254	Study of d- and p-wave Pairing in the Hubbard Model Using the Dynamical Cluster Approximation. AIP Conference Proceedings, 2006, , .	0.3	0
255	Density-Matrix Renormalization Group Study of Phase Diagram in Systems with Strong Electron-Electron and Electron-Phonon Interactions. AIP Conference Proceedings, 2006, , .	0.3	0
256	Two Band Fluctuation Exchange Study on the Pressure Dependence of the Superconducting Transition Temperature of $\text{Li}^{2+}(\text{BEDT-TTF})_2\text{ICl}_2$. AIP Conference Proceedings, 2006, , .	0.3	0
257	Superconductivity from a Long-Range Repulsive Interaction. AIP Conference Proceedings, 2006, , .	0.3	0
258	Singlet pairing versus triplet pairing in a cobaltate superconductor $\text{Na}_x\text{CoO}_2 \cdot y\text{H}_2\text{O}$. Journal of Physics and Chemistry of Solids, 2006, 67, 542-545.	1.9	0
259	Application of the perturbation series expansion quantum Monte Carlo method to multiorbital systems having Hund's coupling. Physica B: Condensed Matter, 2006, 378-380, 288-289.	1.3	3
260	Extended-s-wave pairing originating from the d band in $\text{Na}_x\text{CoO}_2 \cdot y\text{H}_2\text{O}$: Single-band U-V model with fluctuation exchange method. Physical Review B, 2006, 73, .	1.1	34
261	Quantum Monte Carlo study for multiorbital systems with preserved spin and orbital rotational symmetries. Physical Review B, 2006, 74, .	1.1	38
262	Superconductivity from long-range interaction: A crossover between the electron gas and the lattice model. Physical Review B, 2006, 73, .	1.1	10
263	Crossover from d -wave to s -wave pairing in the t - J Hubbard model at zero temperature. Physical Review B, 2006, 73, .	1.1	7
264	Superconductivity in multi-orbital systems: A dynamical mean Monte Carlo study. Physica B: Condensed Matter, 2005, 359-361, 554-556.	1.3	2
265	Phase diagram of the two-dimensional extended Hubbard model: pairing from charge and spin fluctuations. Physica B: Condensed Matter, 2005, 359-361, 518-520.	1.3	0
266	Off-site repulsion-induced triplet pairing: DCA and FLEX study for SrRuO_3 . Physica B: Condensed Matter, 2005, 359-361, 584-586.	1.3	2
267	A DMRG study of correlation functions in the Holstein-Hubbard model. Physica B: Condensed Matter, 2005, 359-361, 708-710.	1.3	7
268	Nonlinear transport in a one-dimensional Mott insulator in strong electric fields. Physica B: Condensed Matter, 2005, 359-361, 759-761.	1.3	4
269	Spin-Triplet Superconductivity Induced by Charge Fluctuations in Extended Hubbard Model. Journal of the Physical Society of Japan, 2005, 74, 2579-2585.	0.7	9
270	High-Tc superconductivity due to coexisting wide and narrow bands: A fluctuation exchange study of the Hubbard ladder as a test case. Physical Review B, 2005, 72, .	1.1	42

#	ARTICLE	IF	CITATIONS
271	Metal-induced gap states in epitaxial organic-insulator/metal interfaces. <i>Physical Review B</i> , 2005, 72, .	1.1	19
272	Breakdown of an Electric-Field Driven System: A Mapping to a Quantum Walk. <i>Physical Review Letters</i> , 2005, 94, 100602.	2.9	89
273	Orbital-selective Mott-Hubbard transition in the two-band Hubbard model. <i>Physical Review B</i> , 2005, 72, .	1.1	70
274	Density-Matrix Renormalization Group Study of Pairing when Electron-Electron and Electron-Phonon Interactions Coexist: Effect of the Electronic Band Structure. <i>Physical Review Letters</i> , 2005, 95, 226401.	2.9	44
275	Competition between singlet and triplet pairings in $\text{Na}_x\text{CoO}_2 \cdot y\text{H}_2\text{O}$. <i>Physical Review B</i> , 2005, 71, .	1.1	40
276	Electronic structure of sodium cobalt oxide: Comparing mono- and bilayer hydrate. <i>Physical Review B</i> , 2005, 71, .	1.1	15
277	Magnetic-Field Induced Triplet Superconductivity in the Repulsive Hubbard Model on the Triangular Lattice. <i>Journal of the Physical Society of Japan</i> , 2004, 73, 533-536.	0.7	11
278	Polar surface engineering in ultrathin $\text{MgO}(111) \cdot \text{Ag}(111)$: Possibility of a metal-insulator transition and magnetism. <i>Physical Review B</i> , 2004, 69, .	1.1	43
279	Possible Spin-Triplet f -Wave Pairing Due to Disconnected Fermi Surfaces In $\text{Na}_x\text{CoO}_2 \cdot y\text{H}_2\text{O}$. <i>Physical Review Letters</i> , 2004, 93, 077001.	2.9	80
280	Electronic properties of metal-induced gap states at insulator/metal interfaces: Dependence on the alkali halide and the possibility of excitonic mechanism of superconductivity. <i>Physical Review B</i> , 2004, 69, .	1.1	13
281	Possibility of superconductivity in the repulsive Hubbard model on the Shastry-Sutherland lattice. <i>Physical Review B</i> , 2004, 69, .	1.1	14
282	Quantum Monte Carlo study of the pairing symmetry competition in the Hubbard model. <i>Physical Review B</i> , 2004, 69, .	1.1	29
283	Phase diagram of the two-dimensional extended Hubbard model: f Phase transitions between different pairing symmetries when charge and spin fluctuations coexist. <i>Physical Review B</i> , 2004, 70, .	1.1	76
284	Off-Site Repulsion-Induced Triplet Superconductivity: A Possibility for Chiral $p_x + y$ -Wave Pairing in Sr_2RuO_4 . <i>Physical Review Letters</i> , 2004, 92, 247006.	2.9	34
285	Numerical algorithm for the double-orbital Hubbard model: f Hund-coupled pairing symmetry in the doped case. <i>Physical Review B</i> , 2004, 70, .	1.1	56
286	Superconductivity in the Hubbard Model on the Shastry-Sutherland Lattice. <i>Journal of Low Temperature Physics</i> , 2004, 134, 805-810.	0.6	0
287	Quantum Monte Carlo study on the pairing symmetry competition in the Hubbard model. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 412-414, 59-63.	0.6	0
288	Electronic structure of stacked C_{60} shuttlecocks. <i>Chemical Physics Letters</i> , 2004, 399, 157-161.	1.2	21

#	ARTICLE	IF	CITATIONS
289	Electronic properties of alkali-metal loaded zeolites: Supercrystal Mott insulators. Physical Review B, 2004, 69, .	1.1	27
290	First Principles Study of Flat-Band Ferromagnetism in Polymers of Five-Membered Rings. E-Journal of Surface Science and Nanotechnology, 2004, 2, 38-44.	0.1	2
291	Possible flat-band ferromagnetism in an organic polymer. Polyhedron, 2003, 22, 1883-1888.	1.0	3
292	A possibility of high-Tc superconductivity on a disconnected Fermi surface in a decorated square lattice. Physica B: Condensed Matter, 2003, 328, 20-22.	1.3	0
293	Quantum wire networks for superconducting quantum-dot superlattices. Physica B: Condensed Matter, 2003, 329-333, 1395-1396.	1.3	1
294	Triplet superconductivity in the repulsively interacting electron system on a triangular lattice: a possibility of magnetic-field-induced superconductivity. Physica B: Condensed Matter, 2003, 329-333, 1471-1472.	1.3	0
295	Possible high temperature superconductivity in systems with nested Fermi surface pockets. Physica C: Superconductivity and Its Applications, 2003, 388-389, 74-75.	0.6	0
296	How to determine pairing symmetry of quasi-1D organic superconductors through magnetotunneling spectroscopy. Physica C: Superconductivity and Its Applications, 2003, 388-389, 587-588.	0.6	0
297	Theoretical study on the tunneling spectrum of quasi-one dimensional organic superconductors (TMTSF) ₂ X. Synthetic Metals, 2003, 133-134, 37-39.	2.1	0
298	Flat-band ferromagnetism in undoped and doped polyaminotriazole crystal. Physical Review B, 2003, 68, .	1.1	13
299	Breakdown of a Mott Insulator: A Nonadiabatic Tunneling Mechanism. Physical Review Letters, 2003, 91, 066406.	2.9	140
300	Flat-band ferromagnetism in organic polymers designed by a computer simulation. Physical Review B, 2003, 68, .	1.1	23
301	Metal-Induced Gap States at Well Defined Alkali-Halide/Metal Interfaces. Physical Review Letters, 2003, 90, 196803.	2.9	37
302	Superconductivity in repulsive electron systems with three-dimensional disconnected Fermi surfaces. Physical Review B, 2003, 68, .	1.1	14
303	DESIGN OF SUPERCONDUCTORS IN QUANTUM DOT SUPERLATTICES. , 2003, , .		0
304	FERMIOLOGY EFFECT ON THE TUNNELING SPECTRUM OF ORGANIC SUPERCONDUCTORS (TMTSF) ₂ X. , 2003, , .		0
305	Gate-Induced Band Ferromagnetism in an Organic Polymer. Physical Review Letters, 2002, 88, 127202.	2.9	60
306	High-temperature superconductivity in dimer array systems. Physical Review B, 2002, 66, .	1.1	41

#	ARTICLE	IF	CITATIONS
307	Superconductivity in quantum dot superlattices composed of quantum wire networks. Physical Review B, 2002, 66, .	1.1	13
308	$d_{x^2-y^2}$ - versus d_{xy} - like pairings in organic superconductors $(\text{BEDT-TTF})_2\text{X}$. Physical Review B, 2002, 65, .	1.1	85
309	Determination of pairing symmetry from magnetotunneling spectroscopy: A case study for quasi-one-dimensional organic superconductors. Physical Review B, 2002, 66, .	1.1	47
310	Hybridization-induced superconductivity from electron repulsion on a tetramer lattice having a disconnected Fermi surface. Physical Review B, 2002, 66, .	1.1	5
311	Superconductivity induced by interband nesting in the three-dimensional honeycomb lattice. Physical Review B, 2002, 65, .	1.1	11
312	Zero-energy peak and pairing symmetry of quasi-one-dimensional organic superconductor $(\text{TMTSF})_2\text{X}$. Journal of Physics and Chemistry of Solids, 2002, 63, 1273-1276.	1.9	0
313	Spin-triplet f -wave-like pairing proposed for an organic superconductor $(\text{TMTSF})_2\text{PF}_6$. Physical Review B, 2001, 63, .	1.1	90
314	Fluctuation exchange study of singlet and triplet superconductivity in 2D and 3D single-band Hubbard model. Journal of Physics and Chemistry of Solids, 2001, 62, 249-251.	1.9	0
315	Possible high- T_c superconductivity mediated by antiferromagnetic spin fluctuations in systems with Fermi surface pockets. Physical Review B, 2001, 64, .	1.1	70
316	Crib-shaped triplet-pairing gap function for an orthogonal pair of quasi-one-dimensional Fermi surfaces in Sr_2RuO_4 . Physical Review B, 2001, 63, .	1.1	60
317	Spin-triplet superconductivity in repulsive Hubbard models with disconnected Fermi surfaces: A case study on triangular and honeycomb lattices. Physical Review B, 2001, 63, .	1.1	43
318	Image-potential band-gap narrowing at a metal/semiconductor interface. Physical Review B, 2001, 64, .	1.1	13
319	d - and p -Wave Superconductivity Mediated by Spin Fluctuations in Two- and Three-Dimensional Single-Band Repulsive Hubbard Model. Journal of the Physical Society of Japan, 2000, 69, 1181-1191.	0.7	60
320	Electron-correlation-originated negative magnetoresistance in a system having a partly flat band. Physical Review B, 2000, 61, 3207-3210.	1.1	23
321	Relationship between spiral and ferromagnetic states in the Hubbard model in the thermodynamic limit. Physical Review B, 2000, 61, 12261-12270.	1.1	10
322	Magnetic Properties of the Hubbard Model on Three-Dimensional Lattices: Fluctuation-Exchange and Two-Particle Self-Consistent Studies. Journal of the Physical Society of Japan, 2000, 69, 785-795.	0.7	16
323	Spin-fluctuation exchange study of superconductivity in two- and three-dimensional single-band Hubbard models. Physical Review B, 1999, 60, 14585-14588.	1.1	74
324	Link between the spin fluctuation and Fermi surface in high- T_c cuprates: A consistent description within the single-band Hubbard model. Physical Review B, 1999, 60, 9850-9854.	1.1	18

#	ARTICLE	IF	CITATIONS
325	Title is missing!. Journal of Low Temperature Physics, 1999, 117, 247-251.	0.6	4
326	Spectral function of the spiral spin state in the trestle and ladder Hubbard model. Physical Review B, 1998, 58, R11833-R11836.	1.1	9
327	Ferromagnetism in a Hubbard model for an atomic quantum wire: A realization of flat-band magnetism from even-membered rings. Physical Review B, 1998, 57, R6854-R6857.	1.1	30
328	Flat-band ferromagnetism induced by off-site repulsions. Physical Review B, 1998, 57, 10609-10612.	1.1	11
329	Density-matrix renormalization-group study of the spin gap in a one-dimensional Hubbard model: Effect of the distant transfer and exchange coupling. Physical Review B, 1998, 57, 10324-10327.	1.1	31
330	Numerical Study of a Superconductor-Insulator Transition in a Half-Filled Hubbard Chain with Distant Transfers. Journal of the Physical Society of Japan, 1997, 66, 3371-3374.	0.7	26
331	Extended Aharonov-Bohm Period Analysis of Strongly Correlated Electron Systems. Journal of the Physical Society of Japan, 1997, 66, 2086-2096.	0.7	5
332	Development of Density Functional Theory for Plasmon-Assisted Superconductivity. Advances in Science and Technology, 0, , .	0.2	0