

Hideo Aoki

List of Publications by Year in descending order

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364
papers

15,645
citations

26567

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369
times ranked

9576
citing authors

#	ARTICLE	IF	CITATIONS
1	Resonant pair-exchange scattering and BCS-BEC crossover in a system composed of dispersive and heavy incipient bands: A Feshbach analogy. Physical Review Research, 2022, 4, .	1.3	7
2	Floquet topological superconductivity induced by chiral many-body interaction. Communications Physics, 2022, 5, .	2.0	8
3	Robust zero modes in disordered two-dimensional honeycomb lattice with Kekulé bond ordering. Annals of Physics, 2021, , 168440.	1.0	2
4	Complete spin and valley polarization by total external reflection from potential barriers in bilayer graphene and monolayer transition metal dichalcogenides. Physical Review B, 2021, 104, .	1.1	1
5	Pairing and non-Fermi liquid behavior in partially flat-band systems: Beyond nesting physics. Physical Review B, 2020, 101, .	1.1	24
6	Model Construction and a Possibility of Cupratelike Pairing in a New d - s Superconductor		

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19	New class of flat-band models on tetragonal and hexagonal lattices: Gapped versus crossing flat bands. <i>Physical Review B</i> , 2017, 96, .	1.1	29
20	Polarization-resolved terahertz third-harmonic generation in a single-crystal superconductor NbN: Dominance of the Higgs mode beyond the BCS approximation. <i>Physical Review B</i> , 2017, 96, .	1.1	76
21	Possible high- T_c superconductivity due to incipient narrow bands originating from hidden ladders in Ruddlesden-Popper compounds. <i>Physical Review B</i> , 2017, 96, .	1.1	19
22	Probing and controlling spin chirality in Mott insulators by circularly polarized laser. <i>Physical Review B</i> , 2017, 96, .	1.1	55
23	Nonlinear light-Higgs coupling in superconductors beyond BCS: Effects of the retarded phonon-mediated interaction. <i>Physical Review B</i> , 2016, 94, .	1.1	41
24	Superconductivity in repulsively interacting fermions on a diamond chain: Flat-band-induced pairing. <i>Physical Review B</i> , 2016, 94, .	1.1	61
25	Electric Properties of Dirac Fermions Captured into 3D Nanoporous Graphene Networks. <i>Advanced Materials</i> , 2016, 28, 10304-10310.	11.1	47
26	First-principles design of a half-filled flat band of the kagome lattice in two-dimensional metal-organic frameworks. <i>Physical Review B</i> , 2016, 94, .	1.1	72
27	Multiple amplitude modes in strongly coupled phonon-mediated superconductors. <i>Physical Review B</i> , 2016, 93, .	1.1	37
28	Dirac electrons on three-dimensional graphitic zeolites: A scalable mass gap. <i>Physical Review B</i> , 2016, 93, .	1.1	7
29	Brillouin-Wigner theory for high-frequency expansion in periodically driven systems: Application to Floquet topological insulators. <i>Physical Review B</i> , 2016, 93, .	1.1	233
30	\hat{I} -pairing superfluid in periodically-driven fermionic Hubbard model with strong attraction. <i>Physical Review B</i> , 2016, 94, .	1.1	47
31	Damping of the collective amplitude mode in superconductors with strong electron-phonon coupling. <i>Physical Review B</i> , 2016, 94, .	1.1	15
32	Lattice realization of the generalized chiral symmetry in two dimensions. <i>Physical Review B</i> , 2016, 94, .	1.1	9
33	Interaction quench in the Holstein model: Thermalization crossover from electron- to phonon-dominated relaxation. <i>Physical Review B</i> , 2015, 91, .	1.1	61
34	Theory of Anderson pseudospin resonance with Higgs mode in superconductors. <i>Physical Review B</i> , 2015, 92, .	1.1	121
35	Interaction-Driven Topological Insulator in Fermionic Cold Atoms on an Optical Lattice: A Design with a Density Functional Formalism. <i>Physical Review Letters</i> , 2015, 115, 045304.	2.9	8
36	Terahertz Dynamics of a Topologically Protected State: Quantum Hall Effect Plateaus near the Cyclotron Resonance of a Two-Dimensional Electron Gas. <i>Physical Review Letters</i> , 2015, 115, 247401.	2.9	10

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37	FLEX+DMFT approach to the d-wave superconducting phase diagram of the two-dimensional Hubbard model. Physical Review B, 2015, 92, .	1.1	51
38	Electronic structure of helicoidal graphene: Massless Dirac particles on a curved surface with a screw symmetry. Physical Review B, 2015, 92, .	1.1	10
39	Flat bands in the Weaire-Thorpe model and silicene. New Journal of Physics, 2015, 17, 025009.	1.2	19
40	Survival of sharp Landau levels in massive tilted Dirac fermions: Role of the generalized chiral operator. Physical Review B, 2015, 91, .	1.1	7
41	Sharp Zero-Energy Landau Levels in Multilayer Graphene. , 2014, , .		0
42	Theoretical Study of the Chemical Pressure Effect on Tc in the Cuprate Superconductors. Physics Procedia, 2014, 58, 34-37.	1.2	0
43	Magnetization and phase transition induced by circularly polarized laser in quantum magnets. Physical Review B, 2014, 90, .	1.1	49
44	Supersolid Phase Accompanied by a Quantum Critical Point in the Intermediate Coupling Regime of the Holstein Model. Physical Review Letters, 2014, 113, 266404.	2.9	13
45	Pressure Effects and Orbital Characters in Cuprate and Carbon-Based Superconductors. Journal of Superconductivity and Novel Magnetism, 2014, 27, 995-1001.	0.8	5
46	Nonequilibrium dynamical cluster theory. Physical Review B, 2014, 90, .	1.1	24
47	Nonequilibrium dynamical mean-field theory and its applications. Reviews of Modern Physics, 2014, 86, 779-837.	16.4	529
48	Polarization as a topological quantum number in graphene. Physical Review B, 2014, 90, .	1.1	2
49	Light-induced collective pseudospin precession resonating with Higgs mode in a superconductor. Science, 2014, 345, 1145-1149.	6.0	363
50	Orbital mixture effect on the Fermi-surface in the cuprate superconductors: Bilayer vs. single layer. Physical Review B, 2014, 89, .		33
51	Dynamical Mean-Field Analysis of Ordered Phases in the Half-Filled Holstein-Hubbard Model. , 2014, , .		1
52	Magnetic-field-controlled vacuum charge in graphene quantum dots with a mass gap. Physical Review B, 2013, 88, .	1.1	10
53	Three-orbital Study on the Orbital Distillation Effect in the High Tc Cuprates. Physics Procedia, 2013, 45, 13-16.	1.2	5
54	Ordered phases in the Holstein-Hubbard model: Interplay of strong Coulomb interaction and electron-phonon coupling. Physical Review B, 2013, 88, .	1.1	52

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55	Supersolid states in a spin system: Phase diagram and collective excitations. Physical Review B, 2013, 88, .	1.1	15
56	Spin-resolved chiral condensate as a spin-unpolarized $\nu=0$ quantum Hall state in graphene. Physical Review B, 2013, 88, .	1.1	2
57	Quantum Faraday and Kerr rotations in graphene. Nature Communications, 2013, 4, 1841.	5.8	167
58	Plateau structure in the Faraday rotation in the graphene quantum Hall system and the frequency-driven two-parameter scaling. , 2013, , .		0
59	Chiral symmetry and fermion doubling in the zero-mode Landau levels of massless Dirac fermions with disorder. , 2013, , .		0
60	Superconductivity assisted by interlayer pair hopping in multilayered cuprates. Physical Review B, 2013, 88, .	1.1	20
61	Phase diagram and pair Tomonaga-Luttinger liquid in a Bose-Hubbard model with flat bands. Physical Review A, 2013, 88, .	1.0	67
62	Chiral symmetry and its manifestation in optical responses in graphene: interaction and multilayers. New Journal of Physics, 2013, 15, 035023.	1.2	17
63	Theory for optical Hall conductivity in the trilayer graphene in the quantum Hall regime. Journal of Physics: Conference Series, 2013, 456, 012028.	0.3	0
64	Stability of zero-mode Landau levels in bilayer graphene against disorder in the presence of the trigonal warping. Journal of Physics: Conference Series, 2013, 456, 012020.	0.3	2
65	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
66	Chiral Symmetry and Many-Body Effect in Multilayer Graphene. Journal of Physics: Conference Series, 2013, 456, 012013.	0.3	0
67	Magnetic field induced rearrangement of the vacuum charge in a graphene quantum dot with a mass gap. Journal of Physics: Conference Series, 2013, 456, 012026.	0.3	2
68	Topologically protected Landau levels in bilayer graphene in finite electric fields. Physical Review B, 2012, 85, .	1.1	8
69	Spin Hall effect in iron-based superconductors: A Dirac-point effect. Physical Review B, 2012, 86, .	1.1	12
70	Origin of the material dependence of T_c in the single-layered cuprates. Physical Review B, 2012, 85, .	1.1	82
71	Two-parameter flow of T_c in the single-layered cuprates. Physical Review B, 2012, 85, .		

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73	Multiorbital analysis of the effects of uniaxial and hydrostatic pressure on T_c in the single-layered cuprate superconductors. Physical Review B, 2012, 86, .	1.1	34
74	Temperature-Dependent Magnetotransport around $I^{1/2}$ in ZnO Heterostructures. Physical Review Letters, 2012, 108, 186803.	2.9	31
75	Two-orbital view on the origin of the material dependence of T_c in the single-layer cuprates. Journal of Physics: Conference Series, 2012, 400, 022100.	0.3	2
76	Chiral Symmetry and Electron-Electron Interaction in Many-Body Gap Formation in Graphene. Journal of Physics: Conference Series, 2012, 400, 042015.	0.3	0
77	Flow diagram of the longitudinal and Hall conductivities in ac regime in the disordered graphene quantum Hall system. Journal of Physics: Conference Series, 2012, 400, 042047.	0.3	0
78	GENERALIZATION OF CHIRAL SYMMETRY FOR TILTED DIRAC CONES. International Journal of Modern Physics Conference Series, 2012, 11, 145-150.	0.7	8
79	Chiral condensate with topological degeneracy in graphene and its manifestation in edge states. Physical Review B, 2012, 86, .	1.1	11
80	Accessing Surface Brillouin Zone and Band Structure of Picene Single Crystals. Physical Review Letters, 2012, 108, 226401.	2.9	55
81	Faraday rotation in bilayer and trilayer graphene in the quantum Hall regime. Physical Review B, 2012, 86, .	1.1	21
82	Synthesis and physical properties of metal-doped picene solids. Physical Review B, 2012, 86, .	1.1	55
83	Repulsion-to-attraction transition in correlated electron systems triggered by a monocycle pulse. Physical Review B, 2012, 85, .	1.1	44
84	A Perspective of Superconductivity as Multiband Phenomena: Cuprate, Iron, and Aromatic Systems. Journal of Superconductivity and Novel Magnetism, 2012, 25, 1243-1247.	0.8	10
85	GENERALIZATION OF CHIRAL SYMMETRY FOR TILTED DIRAC CONES. , 2012, , .		0
86	Metal-intercalated aromatic hydrocarbons: a new class of carbon-based superconductors. Physical Chemistry Chemical Physics, 2011, 13, 16476.	1.3	198
87	Edge states in graphene quantum Hall system with bond vs potential disorder. Journal of Physics: Conference Series, 2011, 334, 012043.	0.3	0
88	Manipulation of the Dirac cones and the anomaly in the graphene related quantum Hall effect. Journal of Physics: Conference Series, 2011, 334, 012044.	0.3	17
89	Dynamical scaling analysis of the optical Hall conductivity in the graphene quantum Hall system with various types of disorder. Journal of Physics: Conference Series, 2011, 334, 012045.	0.3	0
90	Robustness of the Edge States in Graphene Quantum Hall System: Does the Chiral Symmetry Degraded by $t\hat{E}^1$ Matter?. , 2011, , .		0

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91	Entanglement entropy of the bond order phase in graphene in magnetic fields. , 2011, , .		2
92	Discovery of superconductivity in KTaO ₃ by electrostatic carrier doping. Nature Nanotechnology, 2011, 6, 408-412.	15.6	400
93	Dynamical Band Flipping in Fermionic Lattice Systems: An ac-Field-Driven Change of the Interaction from Repulsive to Attractive. Physical Review Letters, 2011, 106, 236401.	2.9	109
94	Phase-separated ferromagnetism in a spin-imbalanced system of Fermi atoms loaded in an optical ladder: A density-matrix renormalization-group study. Physical Review A, 2011, 83, .	1.0	14
95	Collective modes in multiband superfluids and superconductors: Multiple dynamical classes. Physical Review B, 2011, 83, .	1.1	34
96	Generalized chiral symmetry and stability of zero modes for tilted Dirac cones. Physical Review B, 2011, 83, .	1.1	30
97	<i>Ab initio</i> electronic structure of solid coronene: Differences from and commonalities to picene. Physical Review B, 2011, 84, .	1.1	37
98	First-principles structural optimization and electronic structure of the superconductor picene for various potassium doping levels. Physical Review B, 2011, 84, .	1.1	54
99	All Optical Measurement Proposed for the Photovoltaic Hall Effect. Journal of Physics: Conference Series, 2011, 334, 012060.	0.3	14
100	Integer Quantum Hall Effect. , 2011, , 175-209.		2
101	Topological Properties of Graphene and Photo-induced Effects. Hyomen Kagaku, 2011, 32, 196-201.	0.0	0
102	Photovoltaic Berry curvature in the honeycomb lattice. Journal of Physics: Conference Series, 2010, 200, 062017.	0.3	7
103	Nonequilibrium steady states in correlated electron systems – Photoinduced insulator-metal transition and optical response. Journal of Physics: Conference Series, 2010, 200, 012212.	0.3	0
104	Pnictogen height as a switch between high-T _c nodeless and low-T _c nodal pairings in the iron-based superconductors. Physica C: Superconductivity and Its Applications, 2010, 470, S416-S417.	0.6	0
105	Non-equilibrium superconductivity in a correlated electron system studied with the Keldysh + FLEX approach. Physica C: Superconductivity and Its Applications, 2010, 470, S928-S929.	0.6	1
106	Functional renormalization group beyond the static approximation and its application to the two-dimensional Hubbard model. Physica C: Superconductivity and Its Applications, 2010, 470, S35-S36.	0.6	0
107	Landau level broadening in graphene with long-range disorder – Robustness of the level. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 759-762.	1.3	6
108	Optical Hall conductivity in 2DEG and graphene QHE systems. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 751-754.	1.3	9

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109	Spin-density-functional study of the organic polymer dimethylaminopyrrole: A realization of the organic periodic Anderson model. <i>Physical Review B</i> , 2010, 82, .	1.1	9
110	Half-integer contributions to the quantum Hall conductivity from single Dirac cones. <i>Physical Review B</i> , 2010, 82, .	1.1	52
111	Two-Orbital Model Explains the Higher Transition Temperature of the Single-Layer Hg-Cuprate Superconductor Compared to That of the La-Cuprate Superconductor. <i>Physical Review Letters</i> , 2010, 105, 057003.	2.9	140
112	Dynamical scaling analysis of the optical Hall conductivity in the quantum Hall regime. <i>Physical Review B</i> , 2010, 82, .	1.1	12
113	Anomalous criticality at the $\nu=0$ quantum Hall transition in graphene: The role of disorder preserving chiral symmetry. <i>Physical Review B</i> , 2010, 82, .	1.1	8
114	Optical Hall Effect in the Integer Quantum Hall Regime. <i>Physical Review Letters</i> , 2010, 104, 256802.	2.9	87
115	Dielectric breakdown in a Mott insulator: Many-body Schwinger-Landau-Zener mechanism studied with a generalized Bethe ansatz. <i>Physical Review B</i> , 2010, 81, .	1.1	52
116	Nonequilibrium superconducting and magnetic phases in a correlated electron system coupled to electrodes. <i>Physical Review B</i> , 2010, 82, .	1.1	5
117	Tight-binding photonic bands in metallophotonic waveguide networks and flat bands in kagome lattices. <i>Physical Review B</i> , 2010, 81, .	1.1	29
118	Proposal for a magnetic field induced graphene dot. <i>Journal of Physics: Conference Series</i> , 2010, 245, 012030.	0.3	15
119	Realistic model of a vertical pillar quantum dot: Analysis of individual dot data. <i>Physical Review B</i> , 2009, 79, .	1.1	7
120	Nonequilibrium Steady State of Photoexcited Correlated Electrons in the Presence of Dissipation. <i>Physical Review Letters</i> , 2009, 103, 047403.	2.9	100
121	Quantum Hall Plateau Transition in Graphene with Spatially Correlated Random Hopping. <i>Physical Review Letters</i> , 2009, 103, 156804.	2.9	37
122	First-Principles Electronic Structure of Solid Picene. <i>Journal of the Physical Society of Japan</i> , 2009, 78, 113704.	0.7	73
123	Model construction and pairing symmetry for the iron-based oxypnictides. <i>Physica C: Superconductivity and Its Applications</i> , 2009, 469, 890-893.	0.6	1
124	Unconventional superconductivity originating from disconnected Fermi surfaces in the iron-based compound. <i>Physica B: Condensed Matter</i> , 2009, 404, 700-705.	1.3	5
125	Unconventional pairing originating from disconnected Fermi surfaces in the iron-based superconductor. <i>Physica C: Superconductivity and Its Applications</i> , 2009, 469, 635-639.	0.6	12
126	Photovoltaic Hall effect in graphene. <i>Physical Review B</i> , 2009, 79, .	1.1	1,008

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127	Optical Hall Conductivity in Ordinary and Graphene Quantum Hall Systems. Physical Review Letters, 2009, 103, 116803.	2.9	109
128	Prictogen height as a possible switch between high- T_c and low- T_c nodal pairings in the iron-based superconductors. Physical Review B, 2009, 79, .	1.1	615
129	Unconventional pairing originating from disconnected Fermi surfaces in the iron-based superconductor. New Journal of Physics, 2009, 11, 025017.	1.2	16
130	Photoinduced insulator-metal transition and nonlinear optical response of correlated electrons a DMFT analysis. Journal of Physics: Conference Series, 2009, 148, 012058.	0.3	0
131	Photo-induced Hall Effect in graphene effect of boundary types. Journal of Physics: Conference Series, 2009, 148, 012061.	0.3	5
132	Cyclotron radiation and emission in graphene a possibility of Landau-level laser. Journal of Physics: Conference Series, 2009, 150, 022059.	0.3	11
133	Non-equilibrium dynamics in Mott-to-superfluid transition in Bose-Einstein condensation in optical lattices. Journal of Physics: Conference Series, 2009, 150, 032077.	0.3	1
134	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
135	Photo-induced metallic liquid in a one-dimensional Mott insulator in AC fields. Journal of Physics: Conference Series, 2009, 150, 042152.	0.3	0
136	Optical Hall conductivity in QHE systems. Journal of Physics: Conference Series, 2009, 150, 022060.	0.3	3
137	Edge states for the $n = 0$ Landau level in graphene. Journal of Physics: Conference Series, 2009, 150, 022003.	0.3	7
138	Minimal model for study on Superconductivity in $\text{LaFeAsO}_{1-x}\text{F}_x$ based on band-structure folding. Journal of Physics: Conference Series, 2009, 150, 052010.	0.3	4
139	Non-equilibrium dynamics in Mott-to-superfluid transition in Bose-Einstein condensation in optical lattices. Journal of Physics: Conference Series, 2009, 150, 032007.	0.3	7
140	Nonequilibrium Quantum Breakdown in a Strongly Correlated Electron System. Lecture Notes in Physics, 2009, , 1-35.	0.3	5
141	Landau quantization of graphene including diamagnetic shift and shrinkage of wave function. Physica E: Low-Dimensional Systems and Nanostructures, 2008, 40, 1354-1356.	1.3	3
142	Topological low-energy modes in Landau levels of graphene: A possibility of a quantum-liquid ground state. Physica E: Low-Dimensional Systems and Nanostructures, 2008, 40, 1530-1532.	1.3	9
143	Electric-field-induced superconductivity in an insulator. Nature Materials, 2008, 7, 855-858.	13.3	864
144	Unconventional Pairing Originating from the Disconnected Fermi Surfaces of Superconducting $\text{LaFeAsO}_{1-x}\text{F}_x$. Physical Review Letters, 2008, 101, 087004.	2.9	1050

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145	Cyclotron radiation and emission in graphene. <i>Physical Review B</i> , 2008, 78, .	1.1	59
146	Correlated electron systems periodically driven out of equilibrium: $\langle \text{Floquet DMFT} \rangle$ <i>Physical Review B</i> , 2008, 78, .	1.1	148
147	Electronic Structure and Electron Correlation in $\text{LaFeAsO}_{1-x}\text{F}_x$ and $\text{LaFePO}_{1-x}\text{F}_x$. <i>Journal of the Physical Society of Japan</i> , 2008, 77, 093714.	0.7	84
148	Photoinduced Tomonaga-Luttinger-like liquid in a Mott insulator. <i>Physical Review B</i> , 2008, 78, .	1.1	22
149	Edge states in graphene in magnetic fields: A specialty of the edge mode embedded in the Landau band. <i>Physical Review B</i> , 2008, 78, .	1.1	23
150	Unconventional Superconductivity Originating from Disconnected Fermi Surfaces in the Iron-Based Oxypnictide. <i>Journal of the Physical Society of Japan</i> , 2008, 77, 96-98.	0.7	2
151	Photoemission Study of the Electronic Structure of $\text{LaFeAsO}_{1-x}\text{F}_x$ and $\text{LaFePO}_{1-x}\text{F}_x$. <i>Journal of the Physical Society of Japan</i> , 2008, 77, 69-71.	0.7	2
152	SPIN CONFIGURATION IN THE ELECTRON MOLECULE IN FEW-ELECTRON QUANTUM DOTS IN STRONG MAGNETIC FIELDS – SUPERPOSITION OF MULTIPLE CONFIGURATIONS. <i>International Journal of Modern Physics B</i> , 2007, 21, 1643-1648.	1.0	1
153	Large orbital magnetic moments in carbon nanotubes generated by resonant transport. <i>Physical Review B</i> , 2007, 75, .	1.1	20
154	Phase diagram for the one-dimensional Hubbard-Holstein model: A density-matrix renormalization group study. <i>Physical Review B</i> , 2007, 76, .	1.1	67
155	LARGE MAGNETIC MOMENTS GENERATED FROM LOOP CURRENTS IN CARBON NANOTUBE ATTACHED TO ELECTRODES – A THEORETICAL PICTURE. <i>International Journal of Modern Physics B</i> , 2007, 21, 1198-1206.	1.0	1
156	Topological Aspects of Quantum Hall Effect in Graphene. <i>International Journal of Modern Physics B</i> , 2007, 21, 1133-1139.	1.0	1
157	Itinerant Ferromagnetism in the Multiorbital Hubbard Model: A Dynamical Mean-Field Study. <i>Physical Review Letters</i> , 2007, 99, 216402.	2.9	26
158	Topological aspects of graphene. <i>European Physical Journal: Special Topics</i> , 2007, 148, 133-141.	1.2	28
159	Metal induced gap states at tetratetracontane/Cu interface. <i>European Physical Journal Special Topics</i> , 2006, 132, 199-203.	0.2	0
160	Superconductivity from a Long-Range Repulsive Interaction. <i>AIP Conference Proceedings</i> , 2006, , .	0.3	0
161	Transitions between electron-molecule states in electrostatic quantum dots. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2006, 3, 3798-3801.	0.8	1
162	Triplet superconductivity – spin vs. charge fluctuations and fermiology. <i>Physica B: Condensed Matter</i> , 2006, 374-375, 229-234.	1.3	1

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163	Fermiology and interaction in unconventional superconductors—Triplet vs singlet pairs. Physica C: Superconductivity and Its Applications, 2006, 437-438, 11-16.	0.6	5
164	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
165	Topological analysis of the quantum Hall effect in graphene: Dirac-Fermi transition across van Hove singularities and edge versus bulk quantum numbers. Physical Review B, 2006, 74, .	1.1	176
166	Exact supersymmetry in the relativistic hydrogen atom in general dimensions—supercharge and the generalized Johnson-Lippmann operator. Journal of Mathematical Physics, 2006, 47, 032301.	0.5	14
167	Quantum Monte Carlo study for multiorbital systems with preserved spin and orbital rotational symmetries. Physical Review B, 2006, 74, .	1.1	38
168	Superconductivity from long-range interaction: A crossover between the electron gas and the lattice model. Physical Review B, 2006, 73, .	1.1	10
169	Intermediate low spin states in a few-electron quantum dot in the $\nu = 1/2$ regime. Physical Review B, 2006, 74, .	1.1	33
170	Superconductivity in multi-orbital systems: A dynamical mean Monte Carlo study. Physica B: Condensed Matter, 2005, 359-361, 554-556.	1.3	2
171	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
172	Off-site repulsion-induced triplet pairing: DCA and FLEX study for SrRuO. Physica B: Condensed Matter, 2005, 359-361, 584-586.	1.3	2
173	A DMRG study of correlation functions in the Holstein—Hubbard model. Physica B: Condensed Matter, 2005, 359-361, 708-710.	1.3	7
174	Nonlinear transport in a one-dimensional Mott insulator in strong electric fields. Physica B: Condensed Matter, 2005, 359-361, 759-761.	1.3	4
175	Configuration Transitions between MDD and Spin-polarized Pentagonal Molecule via Lower Spin States in a Five-electron Quantum Dot. AIP Conference Proceedings, 2005, , .	0.3	0
176	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
177	Metal-induced gap states in epitaxial organic-insulator/metal interfaces. Physical Review B, 2005, 72, .	1.1	19
178	Breakdown of an Electric-Field Driven System: A Mapping to a Quantum Walk. Physical Review Letters, 2005, 94, 100602.	2.9	89
179	Electronic structure of an electron on the gyroid surface: A helical labyrinth. Physical Review B, 2005, 71, .	1.1	29
180	Density-Matrix Renormalization Group Study of Pairing when Electron-Electron and Electron-Phonon Interactions Coexist: Effect of the Electronic Band Structure. Physical Review Letters, 2005, 95, 226401.	2.9	44

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181	Ground-State Decay Rate for the Zener Breakdown in Band and Mott Insulators. Physical Review Letters, 2005, 95, 137601.	2.9	133
182	Magnetic-Field Induced Triplet Superconductivity in the Repulsive Hubbard Model on the Triangular Lattice. Journal of the Physical Society of Japan, 2004, 73, 533-536.	0.7	11
183	Superconductivity in frustrated systems. Journal of Physics Condensed Matter, 2004, 16, V1-V5.	0.7	14
184	Polar surface engineering in ultrathin MgO(111) $\hat{\cdot}$ Ag(111): Possibility of a metal-insulator transition and magnetism. Physical Review B, 2004, 69, .	1.1	43
185	Electronic properties of metal-induced gap states at insulator/metal interfaces: Dependence on the alkali halide and the possibility of excitonic mechanism of superconductivity. Physical Review B, 2004, 69, .	1.1	13
186	Possibility of superconductivity in the repulsive Hubbard model on the Shastry-Sutherland lattice. Physical Review B, 2004, 69, .	1.1	14
187	Phase diagram of the two-dimensional extended Hubbard model: Phase transitions between different pairing symmetries when charge and spin fluctuations coexist. Physical Review B, 2004, 70, .	1.1	76
188	Integer quantum Hall effect and Hofstadter's butterfly spectra in three-dimensional metals in external periodic modulations. Physical Review B, 2004, 69, .	1.1	6
189	Off-Site Repulsion-Induced Triplet Superconductivity: A Possibility for Chiral p_x+y -Wave Pairing in Sr ₂ RuO ₄ . Physical Review Letters, 2004, 92, 247006.	2.9	34
190	Numerical algorithm for the double-orbital Hubbard model: Hund-coupled pairing symmetry in the doped case. Physical Review B, 2004, 70, .	1.1	56
191	Superconductivity in the Hubbard Model on the Shastry's Sutherland Lattice. Journal of Low Temperature Physics, 2004, 134, 805-810.	0.6	0
192	Integer quantum Hall effect in isotropic 3D systems. Physica E: Low-Dimensional Systems and Nanostructures, 2004, 22, 214-217.	1.3	0
193	Electronic structure of periodic curved surfaces "continuous surface versus graphitic sponge. Physica E: Low-Dimensional Systems and Nanostructures, 2004, 22, 696-699.	1.3	8
194	Electronic structure of stacked C ₆₀ shuttlecocks. Chemical Physics Letters, 2004, 399, 157-161.	1.2	21
195	Design of electron correlation effects in interfaces and nanostructures. Applied Surface Science, 2004, 237, 2-12.	3.1	7
196	Electronic properties of alkali-metal loaded zeolites: Supercrystal Mott insulators. Physical Review B, 2004, 69, .	1.1	27
197	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
198	Interaction and dimensionality in the quantum Hall physics. Physica E: Low-Dimensional Systems and Nanostructures, 2003, 20, 149-159.	1.3	3

#	ARTICLE	IF	CITATIONS
199	Possible flat-band ferromagnetism in an organic polymer. Polyhedron, 2003, 22, 1883-1888.	1.0	3
200	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
201	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
202	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
203	Butterfly spectrum and quantum Hall effect in three-dimensional FISDW. Synthetic Metals, 2003, 133-134, 79-81.	2.1	0
204	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
205	Flat-band ferromagnetism in undoped and doped polyaminotriazole crystal. Physical Review B, 2003, 68, .	1.1	13
206	Breakdown of a Mott Insulator: A Nonadiabatic Tunneling Mechanism. Physical Review Letters, 2003, 91, 066406.	2.9	140
207	Flat-band ferromagnetism in organic polymers designed by a computer simulation. Physical Review B, 2003, 68, .	1.1	23
208	Integer quantum Hall effect in isotropic three-dimensional crystals. Physical Review B, 2003, 67, .	1.1	25
209	Metal-Induced Gap States at Well Defined Alkali-Halide/Metal Interfaces. Physical Review Letters, 2003, 90, 196803.	2.9	37
210	Superconductivity in repulsive electron systems with three-dimensional disconnected Fermi surfaces. Physical Review B, 2003, 68, .	1.1	14
211	FERMIOLOGY IN CORRELATED ELECTRON SYSTEMS. International Journal of Modern Physics B, 2003, 17, 4953-4963.	1.0	5
212	FERMIOLOGY EFFECT ON THE TUNNELING SPECTRUM OF ORGANIC SUPERCONDUCTORS (TMTSF) ₂ X. , 2003, , .		0
213	Gate-Induced Band Ferromagnetism in an Organic Polymer. Physical Review Letters, 2002, 88, 127202.	2.9	60
214	Phase diagram for the Hofstadter butterfly and integer quantum Hall effect in three dimensions. Physical Review B, 2002, 65, .	1.1	21
215	Field-induced spin-density-wave and butterfly spectrum in three dimensions. Physical Review B, 2002, 65, .	1.1	3
216	Determination of pairing symmetry from magnetotunneling spectroscopy: A case study for quasi-one-dimensional organic superconductors. Physical Review B, 2002, 66, .	1.1	47

#	ARTICLE	IF	CITATIONS
217	Hybridization-induced superconductivity from electron repulsion on a tetramer lattice having a disconnected Fermi surface. <i>Physical Review B</i> , 2002, 66, .	1.1	5
218	Superconductivity induced by interband nesting in the three-dimensional honeycomb lattice. <i>Physical Review B</i> , 2002, 65, .	1.1	11
219	Wrapping current versus bulk integer quantum Hall effect in three dimensions. <i>Physical Review B</i> , 2002, 66, .	1.1	15
220	How heavy and how strongly interacting are composite fermions?. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2002, 12, 101-104.	1.3	0
221	Field-induced SDW and integer quantum Hall effect in anisotropic three-dimensional electron systems. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2002, 12, 157-160.	1.3	0
222	Zero-energy peak and pairing symmetry of quasi-one-dimensional organic superconductor (TMTSF) ₂ X. <i>Journal of Physics and Chemistry of Solids</i> , 2002, 63, 1273-1276.	1.9	0
223	FERMIOLOGY IN CORRELATED ELECTRON SYSTEMS. , 2002, , .		0
224	Spin-triplet f-wave-like pairing proposed for an organic superconductor (TMTSF) ₂ PF ₆ . <i>Physical Review B</i> , 2001, 63, .	1.1	90
225	Electronic structure of periodic curved surfaces: Topological band structure. <i>Physical Review B</i> , 2001, 65, .	1.1	69
226	Fluctuation exchange study of singlet and triplet superconductivity in 2D and 3D single-band Hubbard model. <i>Journal of Physics and Chemistry of Solids</i> , 2001, 62, 249-251.	1.9	0
227	Butterfly spectrum and integer quantum Hall effect in three dimensions – a mapping between 2D and 3D Hofstadter problems. <i>Physica B: Condensed Matter</i> , 2001, 298, 97-100.	1.3	1
228	Composite fermion picture and the spin states in the fractional quantum Hall system – a numerical study. <i>Physica B: Condensed Matter</i> , 2001, 298, 173-176.	1.3	3
229	Transport around criticalities: Localization-delocalization and paramagnetic-ferromagnetic transitions. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 2001, 81, 859-874.	0.6	0
230	Crib-shaped triplet-pairing gap function for an orthogonal pair of quasi-one-dimensional Fermi surfaces in Sr ₂ RuO ₄ . <i>Physical Review B</i> , 2001, 63, .	1.1	60
231	Effective-mass staircase and the Fermi-liquid parameters for the fractional quantum Hall composite fermions. <i>Physical Review B</i> , 2001, 64, .	1.1	11
232	Image-potential band-gap narrowing at a metal/semiconductor interface. <i>Physical Review B</i> , 2001, 64, .	1.1	13
233	Hofstadter Butterfly and Integer Quantum Hall Effect in Three Dimensions. <i>Physical Review Letters</i> , 2001, 86, 1062-1065.	2.9	83
234	d- and p-Wave Superconductivity Mediated by Spin Fluctuations in Two- and Three-Dimensional Single-Band Repulsive Hubbard Model. <i>Journal of the Physical Society of Japan</i> , 2000, 69, 1181-1191.	0.7	60

#	ARTICLE	IF	CITATIONS
235	Molecular dynamics study of a classical two-dimensional electron system: positional and orientational orders. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2000, 6, 116-119.	1.3	4
236	<i>Physics and Mineralogy: The Current Confluence.</i> , 2000, , 3-18.		0
237	Opportunities in the Diversity of Crystal Structures – A View from Condensed-Matter Physics. , 2000, , 259-298.		1
238	Persistence of vibrational modes in a classical two-dimensional electron liquid. <i>Journal of Physics Condensed Matter</i> , 2000, 12, L83-L86.	0.7	1
239	Electron-correlation-originated negative magnetoresistance in a system having a partly flat band. <i>Physical Review B</i> , 2000, 61, 3207-3210.	1.1	23
240	Excitation Spectrum and Effective Mass of the Even-Fraction Quantum Hall Liquid. <i>Physical Review Letters</i> , 2000, 84, 3942-3945.	2.9	11
241	Relationship between spiral and ferromagnetic states in the Hubbard model in the thermodynamic limit. <i>Physical Review B</i> , 2000, 61, 12261-12270.	1.1	10
242	Magnetic Properties of the Hubbard Model on Three-Dimensional Lattices: Fluctuation-Exchange and Two-Particle Self-Consistent Studies. <i>Journal of the Physical Society of Japan</i> , 2000, 69, 785-795.	0.7	16
243	Molecular aspects of electron correlation in quantum dots. <i>Journal of Physics Condensed Matter</i> , 2000, 12, R299-R334.	0.7	110
244	Crystallization of a classical two-dimensional electron system: Positional and orientational orders. <i>Physical Review B</i> , 1999, 59, 14911-14914.	1.1	27
245	Superconductivity and spin correlation in organic conductors: A quantum Monte Carlo study. <i>Physical Review B</i> , 1999, 60, 3060-3063.	1.1	86
246	Spin-fluctuation exchange study of superconductivity in two- and three-dimensional single-band Hubbard models. <i>Physical Review B</i> , 1999, 60, 14585-14588.	1.1	74
247	Vertically coupled double quantum dots in magnetic fields. <i>Physical Review B</i> , 1999, 59, 5817-5825.	1.1	49
248	Link between the spin fluctuation and Fermi surface in high-Tc cuprates: A consistent description within the single-band Hubbard model. <i>Physical Review B</i> , 1999, 60, 9850-9854.	1.1	18
249	Title is missing!. <i>Journal of Low Temperature Physics</i> , 1999, 117, 247-251.	0.6	4
250	Spin States and Transport in Correlated Electron Systems. <i>Lecture Notes in Physics</i> , 1999, , 167-194.	0.3	0
251	Symmetry of \tilde{m} -molecular TM configurations of interacting electrons in a quantum dot in strong magnetic fields. <i>Physica B: Condensed Matter</i> , 1998, 249-251, 214-219.	1.3	13
252	Coherent states in the bilayer fractional quantum Hall ferromagnet. <i>Physica B: Condensed Matter</i> , 1998, 249-251, 828-831.	1.3	0

#	ARTICLE	IF	CITATIONS
253	Spin blockade in quantum dots in magnetic fields. <i>Physica B: Condensed Matter</i> , 1998, 256-258, 194-197.	1.3	1
254	Spin blockade in single and double quantum dots in magnetic fields: ϵ_f correlation effect. <i>Physical Review B</i> , 1998, 57, R4257-R4260.	1.1	44
255	Spectral function of the spiral spin state in the trestle and ladder Hubbard model. <i>Physical Review B</i> , 1998, 58, R11833-R11836.	1.1	9
256	Ferromagnetism in a Hubbard model for an atomic quantum wire: A realization of flat-band magnetism from even-membered rings. <i>Physical Review B</i> , 1998, 57, R6854-R6857.	1.1	30
257	Flat-band ferromagnetism induced by off-site repulsions. <i>Physical Review B</i> , 1998, 57, 10609-10612.	1.1	11
258	Density-matrix renormalization-group study of the spin gap in a one-dimensional Hubbard model: Effect of the distant transfer and exchange coupling. <i>Physical Review B</i> , 1998, 57, 10324-10327.	1.1	31
259	A Consistent Description of the Pairing Symmetry in Hole and Electron Doped Cuprates Within the Two-Dimensional Hubbard Model. <i>Journal of the Physical Society of Japan</i> , 1998, 67, 1533-1536.	0.7	21
260	Pairing Correlation in the Three-Leg Hubbard Ladder $\hat{\epsilon}$ Renormalization Group and Quantum Monte Carlo Studies. <i>Journal of the Physical Society of Japan</i> , 1998, 67, 1377-1390.	0.7	14
261	Enhancement of the $d_{x^2-y^2}$ pairing correlation in the two-dimensional Hubbard model: A quantum Monte Carlo study. <i>Physical Review B</i> , 1997, 56, R14287-R14290.	1.1	30
262	Detection of pairing correlation in the two-dimensional Hubbard model. <i>Physical Review B</i> , 1997, 55, 2764-2767.	1.1	10
263	Kuroki and Aoki Reply:. <i>Physical Review Letters</i> , 1997, 78, 161-161.	2.9	3
264	Spin-squeezed ground states in the bilayer quantum Hall ferromagnet. <i>Physical Review B</i> , 1997, 56, R15549-R15552.	1.1	8
265	Superconductivity in the Three-Leg Hubbard Ladder: A Quantum Monte Carlo Study. <i>Journal of the Physical Society of Japan</i> , 1997, 66, 1599-1602.	0.7	8
266	Numerical Study of a Superconductor-Insulator Transition in a Half-Filled Hubbard Chain with Distant Transfers. <i>Journal of the Physical Society of Japan</i> , 1997, 66, 3371-3374.	0.7	26
267	Double quantum dots in the fractional quantum Hall regime. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 1997, 1, 198-203.	1.3	5
268	Extended Aharonov-Bohm Period Analysis of Strongly Correlated Electron Systems. <i>Journal of the Physical Society of Japan</i> , 1997, 66, 2086-2096.	0.7	5
269	Composite-fermion picture for the double-layer fractional quantum Hall effect. <i>Surface Science</i> , 1996, 361-362, 83-86.	0.8	2
270	Detection of Pairing from the Extended Aharonov-Bohm Period in Strongly Correlated Electron Systems. <i>Journal of the Physical Society of Japan</i> , 1996, 65, 2772-2775.	0.7	13

#	ARTICLE	IF	CITATIONS
271	Superconductivity in the charge-transfer and Mott-Hubbard regimes of the three-band Hubbard model. Journal of Low Temperature Physics, 1996, 105, 603-608.	0.6	0
272	Extended AB Period Study of the Electron Pairing Transition in J Ladders. Journal of Low Temperature Physics, 1996, 105, 609-614.	0.6	2
273	Quantum Monte Carlo study of the pairing correlation in the Hubbard ladder. Physical Review B, 1996, 54, R15641-R15644.	1.1	40
274	Generation of spin-polarized currents in Zeeman-split Tomonaga-Luttinger models. Physical Review B, 1996, 53, 9572-9575.	1.1	38
275	Magic numbers and optical-absorption spectrum in vertically coupled quantum dots in the fractional quantum Hall regime. Physical Review B, 1996, 53, 12613-12616.	1.1	53
276	Multifractality of the quantum Hall wave functions in higher Landau levels. Physical Review B, 1996, 54, 10350-10353.	1.1	15
277	Correlation functions in the three-chain Hubbard ladder. Physical Review B, 1996, 54, R9608-R9611.	1.1	29
278	Hofstadter butterflies for flat bands. Physical Review B, 1996, 54, R17296-R17299.	1.1	98
279	Quantum Monte Carlo Evidence for Superconductivity in the Three-Band Hubbard Model in Two Dimensions. Physical Review Letters, 1996, 76, 4400-4403.	2.9	27
280	Transport properties of coupled one-dimensional interacting electron systems with impurities. Physical Review B, 1995, 51, 13860-13863.	1.1	8
281	Spin-twist-driven persistent current in a strongly correlated two-dimensional electron system: A manifestation of the gauge field. Physical Review B, 1995, 52, R8684-R8687.	1.1	11
282	Composite-fermion analysis of the double-layer fractional quantum Hall system. Physical Review B, 1995, 52, 13780-13783.	1.1	9
283	Manifestation of spin degrees of freedom in the double fractional quantum Hall system. Physical Review B, 1995, 51, 7874-7877.	1.1	6
284	Biexciton on a one-dimensional lattice. Physical Review B, 1995, 52, 8980-8991.	1.1	19
285	Superconductivity in a repulsively interacting two-band Fermi gas. Physical Review Letters, 1994, 72, 2947-2950.	2.9	17
286	Conductivity of an interacting two-channel Tomonaga-Luttinger model. Physical Review B, 1994, 49, 16852-16855.	1.1	8
287	Ferromagnetic spin-wave theory in the multiband Hubbard model having a flat band. Physical Review Letters, 1994, 72, 144-147.	2.9	60
288	Phase diagram of the extended attractive Hubbard model in one dimension. Physical Review B, 1994, 50, 575-578.	1.1	20

#	ARTICLE	IF	CITATIONS
289	Composite-Fermion Picture for the Spin-Wave Excitation in the Fractional Quantum Hall System. Physical Review Letters, 1994, 73, 3568-3571.	2.9	36
290	Scaling properties of the ferromagnetic state in the Hubbard model. Physical Review B, 1994, 50, 12991-12994.	1.1	9
291	Multiband superconductivity: A mapping to the extended attractive Hubbard model. Journal of Superconductivity and Novel Magnetism, 1994, 7, 577-579.	0.5	1
292	Electronic structures of lateral superlattices: metal/semimetal/semiconductor classes and ferromagnetism. Superlattices and Microstructures, 1994, 15, 247.	1.4	5
293	Robustness of the ferromagnetism in flat bands. Physica B: Condensed Matter, 1994, 194-196, 215-216.	1.3	20
294	Metallic ferromagnetism in the two-band Hubbard model. Physica B: Condensed Matter, 1994, 194-196, 217-218.	1.3	27
295	Spin waves in double fractional quantum Hall systems. Physica B: Condensed Matter, 1994, 201, 327-330.	1.3	9
296	Effect of localization on the hall conductivity in the two-dimensional system in strong magnetic fields. Solid State Communications, 1993, 88, 951-954.	0.9	10
297	Electronic structure of a double fractional quantum Hall system of spin- electrons. Physica B: Condensed Matter, 1993, 184, 91-94.	1.3	3
298	Quantum Hall conduction in quantum wires. Physica B: Condensed Matter, 1993, 184, 365-368.	1.3	8
299	Electronic structure of super-honeycomb systems: A peculiar realization of semimetal/semiconductor classes and ferromagnetism. Physical Review Letters, 1993, 71, 4389-4392.	2.9	127
300	QUANTUM MONTE CARLO SIMULATION OF MULTIBAND FERMION SYSTEMS AND ITS APPLICATION TO SUPERCONDUCTIVITY., 1993,, 205-219.		0
301	One-dimensional exciton in a two-band tight-binding model with long-range interactions. Physical Review B, 1993, 47, 7594-7597.	1.1	13
302	Superconductivity in metal-insulator composite bands: A realization of negative-U pairing in purely repulsive systems. Physical Review B, 1993, 48, 7598-7617.	1.1	11
303	Magnetism in Two-Band Systems with Electron Correlation. Molecular Crystals and Liquid Crystals, 1993, 233, 71-80.	0.3	4
304	Realization of negative-U superconductivity in a class of purely repulsive systems: Interacting carrier and insulating bands. Physical Review Letters, 1992, 69, 3820-3823.	2.9	20
305	High-Spin States in the Hubbard Model: Generalized Hund's Coupling and a Crossover to Strong U Regime. Journal of the Physical Society of Japan, 1992, 61, 1165-1168.	0.7	23
306	Landau quantization of electrons on a sphere. Physical Review A, 1992, 46, R1163-R1166.	1.0	36

#	ARTICLE	IF	CITATIONS
307	Superconductivity Due to Interband Attraction: Competition between Diagonal and Off-Diagonal Long-Range Orders. Journal of the Physical Society of Japan, 1992, 61, 1161-1164.	0.7	3
308	The quantum Hall effect in anomalous band structures. Surface Science, 1992, 263, 137-140.	0.8	15
309	Two-Band Models for Superconductivity. Physics and Chemistry of Materials With Low-dimensional Structures, 1992, , 261-280.	1.0	0
310	An Overview of the Numerical Studies of the Quantum Hall Effect. Springer Series in Solid-state Sciences, 1992, , 17-26.	0.3	0
311	Pressure-induced Structural Transformations in Framework Crystal Structures. Molecular Simulation, 1991, 6, 227-238.	0.9	6
312	Superconductivity in a two-band Hubbard system with inter-band attraction. Physica C: Superconductivity and Its Applications, 1991, 185-189, 1453-1454.	0.6	0
313	Magnetism in the single- and two-band Hubbard models: Generalized Hund's coupling. Physica C: Superconductivity and Its Applications, 1991, 185-189, 1505-1506.	0.6	2
314	Low-lying excitations in the half-filled and doped Hubbard model in one dimension. Physical Review B, 1991, 44, 7863-7869.	1.1	3
315	NEW CRYSTAL STRUCTURES OF SiO ₂ PREDICTED BY MOLECULAR DYNAMICS STUDY. , 1991, , 381-384.		3
316	Two-band hubbard model for copper oxide superconductors. Physica B: Condensed Matter, 1990, 165-166, 1011-1012.	1.3	0
317	Cooper pairing in a two-band Hubbard model: A quantum Monte Carlo study. Solid State Communications, 1990, 73, 563-567.	0.9	7
318	Quantum Hall effect in a self-similar system. Physical Review B, 1990, 42, 6869-6872.	1.1	3
319	Molecular-dynamics study of the α -to- β structural phase transition of quartz. Physical Review Letters, 1990, 64, 776-779.	2.9	108
320	Superconductivity in a two-band Hubbard model. Physical Review B, 1990, 42, 2125-2136.	1.1	17
321	Molecular Dynamics Simulation of Silica with a First-Principles Interatomic Potential. , 1990, , 1-21.		1
322	New pressure-induced structural transformations in silica obtained by computer simulation. Nature, 1989, 339, 209-211.	13.7	192
323	Silica polymorphs. Nature, 1989, 340, 193-193.	13.7	2
324	First-Principles Interatomic Potential of Silica Applied to Molecular Dynamics. Physical Review Letters, 1988, 61, 869-872.	2.9	571

#	ARTICLE	IF	CITATIONS
325	Localisation in the quantum hall regime. Surface Science, 1988, 196, 107-119.	0.8	8
326	Quantised Hall effect. Reports on Progress in Physics, 1987, 50, 655-730.	8.1	140
327	Aharonov-Bohm, Meet Hall. Physics Today, 1987, 40, 158-160.	0.3	0
328	Jahn-Teller-effect mediated superconductivity in oxides. Solid State Communications, 1987, 63, 665-669.	0.9	39
329	Quantum Fluctuations in the Quantum Hall Effect. Japanese Journal of Applied Physics, 1987, 26, 699.	0.8	8
330	Quantum Hall Effect: From the Winding Number to the Flow Diagram. Springer Series in Solid-state Sciences, 1987, , 45-48.	0.3	2
331	Critical localization and low-temperature transport in two-dimensional Landau quantization. Surface Science, 1986, 170, 249-255.	0.8	35
332	Universality of Quantum Hall Effect: Topological Invariant and Observable. Physical Review Letters, 1986, 57, 3093-3096.	2.9	47
333	Decimation study of the interplay of strong electron-electron interactions and disorder. Journal of Physics C: Solid State Physics, 1986, 19, 725-738.	1.5	15
334	Novel Landau level laser in the quantum Hall regime. Applied Physics Letters, 1986, 48, 559-560.	1.5	29
335	Fractal dimensionality of wave functions at the mobility edge: Quantum fractal in the Landau levels. Physical Review B, 1986, 33, 7310-7313.	1.1	80
336	Finite-Size Scaling Study of Localization in Landau Levels. Journal of the Physical Society of Japan, 1985, 54, 2238-2249.	0.7	110
337	Two-dimensional localisation of electrons on a lattice in magnetic fields. Journal of Physics C: Solid State Physics, 1985, 18, L67-L71.	1.5	11
338	Electronic structure of disordered systems with multi-orbitals. Journal of Physics C: Solid State Physics, 1985, 18, 2109-2118.	1.5	1
339	Two-dimensional electrons in magnetic fields in a multiply connected Aharonov-Bohm geometry. Journal of Physics C: Solid State Physics, 1985, 18, 1885-1890.	1.5	3
340	Aharonov-Bohm Effect for the Quantum Hall Conductivity on a Disordered Lattice. Physical Review Letters, 1985, 55, 1136-1139.	2.9	31
341	Critical localization in two-dimensional Landau quantization. Physical Review Letters, 1985, 54, 831-834.	2.9	205
342	Structure of the wavefunction in disordered systems in magnetic fields. Journal of Physics C: Solid State Physics, 1984, 17, 1875-1883.	1.5	9

#	ARTICLE	IF	CITATIONS
343	Electronic structure of disordered systems with periodic lattice distortion. Journal of Physics C: Solid State Physics, 1984, 17, 1885-1895.	1.5	5
344	Critical behaviour of extended states in disordered systems. Journal of Physics C: Solid State Physics, 1983, 16, L205-L208.	1.5	145
345	Gauge transformation study of two-dimensional localisation in magnetic fields. Journal of Physics C: Solid State Physics, 1983, 16, 1893-1900.	1.5	20
346	Gauge invariance and the quantised hall effect in two-dimensional systems. , 1983, , 11-22.		4
347	Gauge-transformation study of the quantised Hall effect. Journal of Physics C: Solid State Physics, 1982, 15, L1227-L1233.	1.5	20
348	Effect of Landau-band structure on the quantized Hall conductivity in two dimensions. Surface Science, 1982, 113, 27-31.	0.8	7
349	Decimation method of real-space renormalization for electron systems with application to random systems. Physica A: Statistical Mechanics and Its Applications, 1982, 114, 538-542.	1.2	22
350	Effect of localization on the hall conductivity in the two-dimensional system in strong magnetic fields. Solid State Communications, 1981, 38, 1079-1082.	0.9	349
351	Anderson localisation in anisotropic systems. Solid State Communications, 1981, 37, 677-680.	0.9	6
352	Electronic structure of disordered intrinsic semiconductor and s-d systems: Two-band localisation. Journal of Physics C: Solid State Physics, 1981, 14, 2771-2784.	1.5	12
353	Lattice-Gas Theory of Order-Disorder Transitions in the First-Stage Graphite-Alkali Intercalation Compounds. Journal of the Physical Society of Japan, 1980, 49, 870-877.	0.7	14
354	Real-space renormalisation-group theory for Anderson localisation: decimation method for electron systems. Journal of Physics C: Solid State Physics, 1980, 13, 3369-3386.	1.5	56
355	Intra- and inter-state interactions in Anderson localized states. Journal of Non-Crystalline Solids, 1980, 35-36, 47.	1.5	7
356	Effect of coexistence of random potential and electron-electron interaction in two-dimensional systems: Wigner glass. Journal of Physics C: Solid State Physics, 1979, 12, 633-645.	1.5	36
357	Real-space renormalisation approach to the Anderson localisation. Solid State Communications, 1979, 31, 999-1002.	0.9	30
358	Intra- and interstate interactions in Anderson-localised states. Journal of Physics C: Solid State Physics, 1979, 12, 4801-4815.	1.5	29
359	Numerical study of two-dimensional Wigner glass in strong magnetic fields. Surface Science, 1978, 73, 281-290.	0.8	18
360	Transport properties of two-dimensional disordered electron systems in strong magnetic fields. Journal of Physics C: Solid State Physics, 1978, 11, 3823-3834.	1.5	25

#	ARTICLE	IF	CITATIONS
361	Computer simulation of two-dimensional disordered electron systems in strong magnetic fields. Journal of Physics C: Solid State Physics, 1977, 10, 2583-2593.	1.5	40
362	Anderson localization in a two dimensional electron system under strong magnetic fields. Solid State Communications, 1977, 21, 45-47.	0.9	60
363	The Hubbard Model for the Structurally Random System. Journal of the Physical Society of Japan, 1976, 40, 6-12.	0.7	45
364	Properties of the Hubbard Model for the Arbitrary Numbers of Up and Down Spin Electrons. Journal of the Physical Society of Japan, 1975, 39, 1169-1174.	0.7	10