Je E Hirsch

List of Publications by Year
in descending order

257 papers	25,868 citations	20759 60 h-index	6630 156 g-index
269 all docs	269 docs citations	269 times ranked	14100 citing authors

#	Article	IF	Citations
1	Comment on â€œRoom-temperature superconductivity in a carbonaceous sulfur hydrideâ€•by Elliot Snider et al.. Europhysics Letters, 2022, 137, 36001.	0.7	11
2	Faulty evidence for superconductivity in ac magnetic susceptibility of sulfur hydride under pressure. National Science Review, 2022, 9, .	4.6	11
3	Incompatibility of published ac magnetic susceptibility of a room temperature superconductor with measured raw data. Matter and Radiation at Extremes, 2022, 7, .	1.5	8
4	Granular Superconductivity in Hydrides Under Pressure. Journal of Superconductivity and Novel Magnetism, 2022, 35, 2731-2736.	0.8	1
5	Clear evidence against superconductivity in hydrides under high pressure. Matter and Radiation at Extremes, 2022, 7, .	1.5	14
6	Nonstandard superconductivity or no superconductivity in hydrides under high pressure. Physical Review B, 2021, 103, .	1.1	53
7	Unusual width of the superconducting transition in a hydride. Nature, 2021, 596, E9-E10.	13.7	37
8	Hole superconductivity xOr hot hydride superconductivity. Journal of Applied Physics, 2021, 130, .	1.1	12
9	Superconducting Materials: the Whole Story. Journal of Superconductivity and Novel Magnetism, 2020, 33, 61-68.	0.8	9
10	Reply to the Comment by Jacob Szeftel et al.. Europhysics Letters, 2020, 131, 17004.	0.7	0
11	Reply to the Comment by Denis M. Basko and Robert S. Whitney. Europhysics Letters, 2020, 131, 47003.	0.7	0
12	Thermodynamic inconsistency of the conventional theory of superconductivity. International Journal of Modern Physics B, 2020, 34, 2050175.	1.0	7
13	Inconsistency of the conventional theory of superconductivity. Europhysics Letters, 2020, 130, 17006.	0.7	19
14	How Alfvenâ€™s theorem explains the Meissner effect. Modern Physics Letters B, 2020, 34, 2050300.	1.0	3
15	Defying Inertia: How Rotating Superconductors Generate Magnetic Fields. Annalen Der Physik, 2019, 531, 1900212.	0.9	5
16	Alfven-like waves along normal-superconductor phase boundaries. Physica C: Superconductivity and Its Applications, 2019, 564, 42-48.	0.6	3
17	Hole superconductivity in infinite-layer nickelates. Physica C: Superconductivity and Its Applications, 2019, 566, 1353534.	0.6	34
18	Understanding electron-doped cuprate superconductors as hole superconductors. Physica C: Superconductivity and Its Applications, 2019, 564, 29-37.	0.6	12

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19	Response to comment â€œhÎ±: the scientist as chimpanzee or bonoboâ€, by Leydesdorff, Bornmann and Opthof. Scientometrics, 2019, 118, 1167-1172.	1.6	5
20	hÎ±: An index to quantify an individualâ€™s scientific leadership. Scientometrics, 2019, 118, 673-686.	1.6	53
21	Moment of inertia of superconductors. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 83-90.	0.9	7
22	Entropy generation and momentum transfer in the superconductorâ€“normal and normalâ€“superconductor phase transformations and the consistency of the conventional theory of superconductivity. International Journal of Modern Physics B, 2018, 32, 1850158.	1.0	13
23	Enhancement of superconducting <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:ma due to the spin-orbit interaction. Physical Review B, 2018, 97, .	1.1	8
24	Erratum to â€œDynamics of the normal-superconductor phase transition and the puzzle of the Meissner effectâ€•[Ann. Physics 362 (2015) 1â€“23]. Annals of Physics, 2017, 376, 505-506.	1.0	0
25	Momentum of superconducting electrons and the explanation of the Meissner effect. Physical Review B, 2017, 95, .	1.1	27
26	Why only hole conductors can be superconductors. Proceedings of SPIE, 2017, , .	0.8	4
27	Towards an Understanding of Hole Superconductivity. Springer Series in Materials Science, 2017, , 99-115.	0.4	3
28	Proposed experimental test of the theory of hole superconductivity. Physica C: Superconductivity and Its Applications, 2016, 525-526, 44-47.	0.6	2
29	On the reversibility of the Meissner effect and the angular momentum puzzle. Annals of Physics, 2016, 373, 230-244.	1.0	13
30	The disappearing momentum of the supercurrent in the superconductor-to-normal phase transformation. Europhysics Letters, 2016, 114, 57001.	0.7	15
31	On the dynamics of the Meissner effect. Physica Scripta, 2016, 91, 035801.	1.2	13
32	The Bohr superconductor. Europhysics Letters, 2016, 113, 37001.	0.7	11
33	Superconducting materials classes: Introduction and overview. Physica C: Superconductivity and Its Applications, 2015, 514, 1-8.	0.6	54
34	Hole superconductivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si11.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mrow><mml:mtext>H</mml:mtext></mml:mrow><mml:mrow><mml:mn>2</mml:m and other sulfides under high pressure. Physica C: Superconductivity and Its Applications, 2015, 511, 45-49.	0.6	42
35	Absence of Josephson coupling between certain superconductors. Europhysics Letters, 2015, 109, 67005.	0.7	1
36	Superconductivity in the elements, alloys and simple compounds. Physica C: Superconductivity and Its Applications, 2015, 514, 17-27.	0.6	68

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37	Dynamics of the normalâ€“superconductor phase transition and the puzzle of the Meissner effect. Annals of Physics, 2015, 362, 1-23.	1.0	13
38	Proposed experimental test of an alternative electrodynamic theory of superconductors. Physica C: Superconductivity and Its Applications, 2015, 508, 21-24.	0.6	4
39	Superconductivity, diamagnetism, and the mean inner potential of solids. Annalen Der Physik, 2014, 526, 63-78.	0.9	8
40	The meaning of the h-index. International Journal of Clinical and Health Psychology, 2014, 14, 161-164.	2.7	93
41	The London moment: what a rotating superconductor reveals about superconductivity. Physica Scripta, 2014, 89, 015806.	1.2	19
42	Effect of orbital relaxation on the band structure of cuprate superconductors and implications for the superconductivity mechanism. Physical Review B, 2014, 90, .	1.1	11
43	Dynamic Hubbard model for solids with hydrogen-like atoms. Physical Review B, 2014, 90, .	1.1	4
44	Prediction of unexpected behavior of the mean inner potential of superconductors. Physica C: Superconductivity and Its Applications, 2013, 490, 1-4.	0.6	5
45	Dynamic Hubbard model: kinetic energy driven charge expulsion, charge inhomogeneity, hole superconductivity and Meissner effect. Physica Scripta, 2013, 88, 035704.	1.2	10
46	Kinetic energy driven superfluidity and superconductivity and the origin of the Meissner effect. Physica C: Superconductivity and Its Applications, 2013, 493, 18-23.	0.6	9
47	Apparent increase in the thickness of superconducting particles at low temperatures measured by electron holography. Ultramicroscopy, 2013, 133, 67-71.	0.8	2
48	Meissner Effect, Spin Meissner Effect and Charge Expulsion in Superconductors. Journal of Superconductivity and Novel Magnetism, 2013, 26, 2239-2246.	0.8	7
49	Reply to â€œComment on â€˜Spherical agglomeration of superconducting and normal microparticles with and without applied electric fieldâ€™â€‰â€• Physical Review B, 2013, 87, .	1.1	0
50	Charge expulsion, charge inhomogeneity, and phase separation in dynamic Hubbard models. Physical Review B, 2013, 87, .	1.1	12
51	Spherical agglomeration of superconducting and normal microparticles with and without applied electric field. Physical Review B, 2012, 86, .	1.1	2
52	Experimental consequences of predicted charge rigidity of superconductors. Physica C: Superconductivity and Its Applications, 2012, 478, 42-48.	0.6	3
53	The origin of the Meissner effect in new and old superconductors. Physica Scripta, 2012, 85, 035704.	1.2	52
54	Correcting 100 Years of Misunderstanding: Electric Fields in Superconductors, Hole Superconductivity, and the Meissner Effect. Journal of Superconductivity and Novel Magnetism, 2012, 25, 1357-1360.	0.8	6

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55	Materials and mechanisms of hole superconductivity. Physica C: Superconductivity and Its Applications, 2012, 472, 78-82.	0.6	15
56	KINETIC ENERGY DRIVEN SUPERCONDUCTIVITY AND SUPERFLUIDITY. Modern Physics Letters B, 2011, 25, 2219-2237.	1.0	12
57	Did Herbert FrÃ¶hlich predict or postdict the isotope effect in superconductors?. Physica Scripta, 2011, 84, 045705.	1.2	4
58	KINETIC ENERGY DRIVEN SUPERCONDUCTIVITY, THE ORIGIN OF THE MEISSNER EFFECT, AND THE REDUCTIONIST FRONTIER. International Journal of Modern Physics B, 2011, 25, 1173-1200.	1.0	21
59	Why non-superconducting metallic elements become superconducting under high pressure. Physica C: Superconductivity and Its Applications, 2010, 470, S937-S939.	0.6	9
60	Electromotive Forces and the Meissner Effect Puzzle. Journal of Superconductivity and Novel Magnetism, 2010, 23, 309-317.	0.8	26
61	An index to quantify an individualâ€™s scientific research output that takes into account the effect of multiple coauthorship. Scientometrics, 2010, 85, 741-754.	1.6	301
62	Explanation of the Meissner effect and prediction of a spin Meissner effect in low and high <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mrow><mml:mi>T</mml:mi></mml:mrow><mml:mrow><mml:mi>c</mml:mi></mml superconductors. Physica C: Superconductivity and Its Applications, 2010, 470, S955-S956.	0.6	6
63	Hole core in superconductors and the origin of the Spin Meissner effect. Physica C: Superconductivity and Its Applications, 2010, 470, 635-639.	0.6	11
64	Spin-split states in aromatic molecules and superconductors. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 3777-3783.	0.9	12
65	Mixed triplet and singlet pairing in ultracold multicomponent fermion systems with dipolar interactions. Physical Review B, 2010, 81, .	1.1	41
66	Effect of electron-electron interactions on Rashba-like and spin-split systems. Physical Review B, 2010, 82, .	1.1	8
67	DOUBLE-VALUEDNESS OF THE ELECTRON WAVEFUNCTION AND ROTATIONAL ZERO-POINT MOTION OF ELECTRONS IN RINGS. Modern Physics Letters B, 2010, 24, 2201-2214.	1.0	7
68	Two-site dynamical mean field theory for the dynamic Hubbard model. Physical Review B, 2010, 82, .	1.1	11
69	WHY HOLES ARE NOT LIKE ELECTRONS IV: HOLE UNDRESSING AND SPIN CURRENT IN THE SUPERCONDUCTING STATE. International Journal of Modern Physics B, 2010, 24, 3627-3652.	1.0	3
70	A new basis set for the description of electrons in superconductors. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 1880-1884.	0.9	1
71	Charge Expulsion, Spin Meissner Effect, and Charge Inhomogeneity in Superconductors. Journal of Superconductivity and Novel Magnetism, 2009, 22, 131-139.	0.8	12
72	BCS theory of superconductivity: it is time to question its validity. Physica Scripta, 2009, 80, 035702.	1.2	58

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73	WHY HOLES ARE NOT LIKE ELECTRONS III: HOW HOLES IN THE NORMAL STATE TURN INTO ELECTRONS IN THE SUPERCONDUCTING STATE. International Journal of Modern Physics B, 2009, 23, 3035-3057.	1.0	15
74	Hole superconductivity in arsenicâ€"iron compounds. Physica C: Superconductivity and Its Applications, 2008, 468, 1047-1052.	0.6	24
75	The missing angular momentum of superconductors. Journal of Physics Condensed Matter, 2008, 20, 235233.	0.7	25
76	Electrodynamics of spin currents in superconductors. Annalen Der Physik, 2008, 17, 380-409.	0.9	31
77	Spin Meissner effect in superconductors and the origin of the Meissner effect. Europhysics Letters, 2008, 81, 67003.	0.7	46
78	Does the <i>h</i> index have predictive power?. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 19193-19198.	3.3	774
79	Ionizing radiation from superconductors in the theory of hole superconductivity. Journal of Physics Condensed Matter, 2007, 19, 125217.	0.7	4
80	Do superconductors violate Lenz's law? Body rotation under field cooling and theoretical implications. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 366, 615-619.	0.9	21
81	The fundamental role of charge asymmetry in superconductivity. Journal of Physics and Chemistry of Solids, 2006, 67, 21-26.	1.9	26
82	Spin currents, relativistic effects and the Darwin interaction in the theory of hole superconductivity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 345, 453-458.	0.9	2
83	Spin currents in superconductors. Physical Review B, 2005, 71, .	1.1	19
84	Explanation of the Tao Effect: Theory for the Spherical Aggregation of Superconducting Microparticles in an Electric Field. Physical Review Letters, 2005, 94, 187001.	2.9	14
85	An index to quantify an individual's scientific research output. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 16569-16572.	3.3	7,912
86	Why holes are not like electrons. II. The role of the electron-ion interaction. Physical Review B, 2005, 71, .	1.1	25
87	Predicted Electric Field near Small Superconducting Ellipsoids. Physical Review Letters, 2004, 92, 016402.	2.9	22
88	Electrodynamics of superconductors. Physical Review B, 2004, 69, .	1.1	51
89	Reply to â€œComment on â€˜Charge expulsion and electric field in superconductorsâ€™ â€• Physical Review B, 2004, 70, .	1.1	9
90	Spontaneous spinning of a magnet levitating over a superconductor. Physica C: Superconductivity and Its Applications, 2003, 398, 8-12.	0.6	0

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91	Superconductors as giant atoms predicted by the theory of hole superconductivity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 309, 457-464.	0.9	29
92	The Lorentz force and superconductivity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 315, 474-479.	0.9	28
93	Electron-Hole Asymmetry is the Key to Superconductivity. International Journal of Modern Physics B, 2003, 17, 3236-3241.	1.0	14
94	Electronic dynamic Hubbard model:â€‚Exact diagonalization study. Physical Review B, 2003, 67, .	1.1	26
95	Dynamic Hubbard model: Effect of finite boson frequency. Physical Review B, 2003, 68, .	1.1	11
96	Electron-hole asymmetry and superconductivity. Physical Review B, 2003, 68, .	1.1	27
97	Charge expulsion and electric field in superconductors. Physical Review B, 2003, 68, .	1.1	57
98	Superconductors as giant atoms: Qualitative aspects. AIP Conference Proceedings, 2003, , .	0.3	2
99	Quasiparticle Undressing: A New Route to Collective Effects in Solids. , 2003, , 371-380.		1
100	Quasiparticle undressing in a dynamic Hubbard model: Exact diagonalization study. Physical Review B, 2002, 66, .	1.1	21
101	SUPERCONDUCTIVITY: The True Colors of Cuprates. Science, 2002, 295, 2226-2227.	6.0	49
102	Why holes are not like electrons: A microscopic analysis of the differences between holes and electrons in condensed matter. Physical Review B, 2002, 65, .	1.1	51
103	Quantum Monte Carlo and exact diagonalization study of a dynamic Hubbard model. Physical Review B, 2002, 65, .	1.1	23
104	Dynamic Hubbard Model. Physical Review Letters, 2001, 87, 206402.	2.9	55
105	Electron-phonon or hole superconductivity in MgB2. Physical Review B, 2001, 64, .	1.1	46
106	Consequences of charge imbalance in superconductors within the theory of hole superconductivity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 281, 44-47.	0.9	31
107	Hole superconductivity in MgB2: a high Tc cuprate without Cu. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 282, 392-398.	0.9	122
108	Where is 99% of the condensation energy of Tl2Ba2CuOy coming from?. Physica C: Superconductivity and Its Applications, 2000, 331, 150-156.	0.6	41

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109	Ferromagnetism from undressing. Physical Review B, 2000, 62, 14131-14139.	1.1	18
110	Superconductivity from undressing. Physical Review B, 2000, 62, 14487-14497.	1.1	45
111	Superconductivity from undressing. II. Single-particle Greenâ€™s function and photoemission in cuprates. Physical Review B, 2000, 62, 14498-14510.	1.1	22
112	Optical sum rule violation, superfluid weight, and condensation energy in the cuprates. Physical Review B, 2000, 62, 15131-15150.	1.1	62
113	Metallic ferromagnetism without exchange splitting. Physical Review B, 1999, 59, 6256-6265.	1.1	47
114	Overlooked contribution to the Hall effect in ferromagnetic metals. Physical Review B, 1999, 60, 14787-14792.	1.1	39
115	Slope of the superconducting gap function inBi2Sr2CaCu2O8+Î´measured by vacuum tunneling spectroscopy. Physical Review B, 1999, 59, 11962-11973.	1.1	33
116	Metallic ferromagnetism from kinetic-energy gain:â€ƒThe case ofEuB6. Physical Review B, 1999, 59, 436-442.	1.1	23
117	Spin Hall Effect. Physical Review Letters, 1999, 83, 1834-1837.	2.9	2,602
118	Thermoelectric effect in superconductive tunnel junctions. Physical Review B, 1998, 58, 8727-8737.	1.1	11
119	Correlations between normal-state properties and superconductivity. Physical Review B, 1997, 55, 9007-9024.	1.1	47
120	Possible contribution of direct exchange to the superfluidity ofHe3. Physical Review B, 1997, 55, 8997-9006.	1.1	0
121	Metallic ferromagnetism in a band model: Intra-atomic versus interatomic exchange. Physical Review B, 1997, 56, 11022-11030.	1.1	28
122	Metallic ferromagnetism in a single-band model: Effect of band filling and Coulomb interactions. Physical Review B, 1996, 54, 6364-6375.	1.1	72
123	Role of reduction process in the transport properties of electron-doped oxide superconductors. Physica C: Superconductivity and Its Applications, 1995, 243, 319-326.	0.6	19
124	Pairing in a tight-binding model with occupation-dependent hopping rate: Exact diagonalization study. Physical Review B, 1995, 52, 16155-16164.	1.1	17
125	Electronâ€“hole asymmetric polarons. , 1995, , 234-257.		4
126	Tunneling and thermoelectric effect in generalized tunnel junctions in the presence of electron-hole asymmetry. Physical Review B, 1994, 50, 3165-3180.	1.1	17

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127	Thermoelectric power of superconductive tunnel junctions. Physical Review Letters, 1994, 72, 558-561.	2.9	12
128	Superconductivity from retarded interactions in the presence of electron-hole asymmetry. Physical Review B, 1994, 49, 1366-1375.	1.1	18
129	Color change and other unusual spectroscopic features predicted by the model of hole superconductivity. Journal of Physics and Chemistry of Solids, 1993, 54, 1101-1107.	1.9	5
130	Polaronic superconductivity in the absence of electron-hole symmetry. Physical Review B, 1993, 47, 5351-5358.	1.1	41
131	Electron- and hole-hopping amplitudes in a diatomic molecule. Physical Review B, 1993, 48, 3327-3339.	1.1	51
132	Electron- and hole-hopping amplitudes in a diatomic molecule. II. Effect of radial correlations. Physical Review B, 1993, 48, 3340-3348.	1.1	14
133	Electron- and hole-hopping amplitudes in a diatomic molecule. III.porbitals. Physical Review B, 1993, 48, 9815-9824.	1.1	12
134	Superconductivity in the transition-metal series. Physical Review B, 1992, 46, 14702-14712.	1.1	13
135	Hole superconductivity in a generalized two-band model. Physical Review B, 1992, 45, 12556-12560.	1.1	9
136	London penetration depth in hole superconductivity. Physical Review B, 1992, 45, 4807-4818.	1.1	57
137	Theory and Experiment in High-Temperature Superconductivity. Science, 1992, 258, 672-672.	6.0	1
138	Normal state properties of high-Tc oxides. Physica C: Superconductivity and Its Applications, 1992, 195, 355-366.	0.6	17
139	Apparent violation of the conductivity sum rule in certain superconductors. Physica C: Superconductivity and Its Applications, 1992, 199, 305-310.	0.6	115
140	Superconductors that change color when they become superconducting. Physica C: Superconductivity and Its Applications, 1992, 201, 347-361.	0.6	80
141	Effect of local potential variations in the model of hole superconductivity. Physica C: Superconductivity and Its Applications, 1992, 194, 119-125.	0.6	10
142	Pairing in a generalized Holstein model for small polarons. Physics Letters, Section A: General, Atomic and Solid State Physics, 1992, 168, 305-307.	0.9	2
143	Theory and Experiment in High-Temperature Superconductivity. Science, 1992, 258, 672-672.	6.0	0
144	Bose decondensation versus pair unbinding in short-coherence-length superconductors. Physica C: Superconductivity and Its Applications, 1991, 179, 317-332.	0.6	24

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145	Why is photoemission better than inverse photoemission for studying high-Tc oxides?. Physica C: Superconductivity and Its Applications, 1991, 182, 277-284.	0.6	8
146	Hole superconductivity in oxides: A two-band model. Physical Review B, 1991, 43, 424-434.	1.1	84
147	Coherence effects in hole superconductivity. Physical Review B, 1991, 44, 11960-11970.	1.1	13
148	Pairing of holes in a tight-binding model with repulsive Coulomb interactions. Physical Review B, 1991, 43, 11400-11403.	1.1	25
149	Weak ferromagnetism in a band model: Application toSc3In. Physical Review B, 1991, 44, 675-685.	1.1	16
150	Metallic ferromagnetism in a single-band model. IV. Effect of pair hopping. Physical Review B, 1991, 43, 705-711.	1.1	39
151	Electron-Hole Asymmetry: The Key to Superconductivity. , 1991, , 295-308.		4
152	Empirical estimate of Coulomb matrix element of relevance to superconductivity. Chemical Physics Letters, 1990, 171, 161-166.	1.2	20
153	Superconductivity in oxides: From strong to weak coupling. Physica C: Superconductivity and Its Applications, 1990, 165, 71-76.	0.6	36
154	Superconductivity and hydromagnetism. Physica B: Condensed Matter, 1990, 163, 291-298.	1.3	23
155	Hole superconductivity in the dilute limit. Physica C: Superconductivity and Its Applications, 1990, 171, 554-560.	0.6	37
156	Prediction for the change in lattice constants of electron-doped high- Tc superconductors under hydrostatic pressure based on the observed pressure dependence of Tc. Physica C: Superconductivity and Its Applications, 1990, 172, 265-266.	0.6	7
157	Spin-split states in metals. Physical Review B, 1990, 41, 6820-6827.	1.1	34
158	Metallic ferromagnetism in a single-band model. III. One-dimensional half-filled band. Physical Review B, 1990, 42, 771-778.	1.1	27
159	Chromium: A possible spin-split metal. Physical Review B, 1990, 41, 6828-6835.	1.1	14
160	Study of the accuracy of the Gutzwiller wave function for the two-dimensional Hubbard model. Physical Review B, 1990, 41, 4410-4415.	1.1	4
161	Spontaneous electrostatic potential in spin-split metals. Physical Review B, 1990, 42, 4774-4775.	1.1	21
162	Hole superconductivity and the high-Tcoxides. Physical Review B, 1990, 41, 6435-6456.	1.1	178

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163	Superconductivity in an oxygen hole metal. Physical Review B, 1990, 41, 2049-2051.	1.1	47
164	Mechanism of metallic ferromagnetism. Journal of Applied Physics, 1990, 67, 4549-4551.	1.1	9
165	Spin-wave theory of the quantum antiferromagnet with unbroken sublattice symmetry. Physical Review B, 1989, 40, 4769-4772.	1.1	113
166	Metallic ferromagnetism in a single-band model. Physical Review B, 1989, 40, 2354-2361.	1.1	96
167	Pairing interaction in CuO clusters. Physical Review B, 1989, 39, 243-253.	1.1	121
168	Antiferromagnetism in the Two-Dimensional Hubbard Model. Physical Review Letters, 1989, 62, 591-594.	2.9	205
169	Quantum Monte Carlo study of the two-impurity Kondo Hamiltonian. Physical Review B, 1989, 40, 4780-4796.	1.1	90
170	Two-dimensional Heisenberg antiferromagnet with next-nearest-neighbor coupling. Physical Review B, 1989, 39, 2887-2889.	1.1	51
171	Superconducting state in an oxygen hole metal. Physical Review B, 1989, 39, 11515-11525.	1.1	236
172	Effective interactions in an oxygen-hole metal. Physical Review B, 1989, 40, 2179-2186.	1.1	56
173	Sublattice-symmetric spin-wave theory for the Heisenberg antiferromagnet. Physical Review B, 1989, 40, 5000-5006.	1.1	53
174	Reply to "Comment on `Peierls instability in the two-dimensional half-filler Hubbard model' ". Physical Review B, 1989, 39, 12327-12328.	1.1	15
175	Comment on a mean-field theory of quantum antiferromagnets. Physical Review B, 1989, 39, 2850-2851.	1.1	60
176	Metallic ferromagnetism in a single-band model. II. Finite-temperature magnetic properties. Physical Review B, 1989, 40, 9061-9069.	1.1	57
177	Comment on â€˜â€˜Ground state of the strong-coupling Hubbard Hamiltonian: A numerical diagonalization studyâ€™â€™. Physical Review B, 1989, 40, 2594-2595.	1.1	2
178	Long-range order without broken symmetry: Two-dimensional Heisenberg antiferromagnet at zero temperature. Physical Review B, 1989, 39, 4548-4553.	1.1	81
179	Hole superconductivity: The strong coupling limit. Physica C: Superconductivity and Its Applications, 1989, 161, 185-194.	0.6	27
180	Bond-charge repulsion and hole superconductivity. Physica C: Superconductivity and Its Applications, 1989, 158, 326-336.	0.6	215

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182	Singlet pairs, covalent bonds, superexchange, and superconductivity. Physics Letters, Section A: General, Atomic and Solid State Physics, 1989, 136, 163-166.	0.9	35
183	Hole superconductivity. Physics Letters, Section A: General, Atomic and Solid State Physics, 1989, 134, 451-455.	0.9	154
184	On the dependence of superconducting Tc on carrier concentration. Physics Letters, Section A: General, Atomic and Solid State Physics, 1989, 140, 122-126.	0.9	41
185	Ferromagnetism in metallic hydrogen. Physics Letters, Section A: General, Atomic and Solid State Physics, 1989, 141, 191-195.	0.9	17
186	Coulomb attraction between Bloch electrons. Physics Letters, Section A: General, Atomic and Solid State Physics, 1989, 138, 83-87.	0.9	63
187	Hole superconductivity in oxides. Solid State Communications, 1989, 69, 987-989.	0.9	54
188	Hole Conductors and Superconductors. Materials Research Society Symposia Proceedings, 1989, 156, 349.	0.1	5
189	Pairing interaction in two-dimensionalCuO2. Physical Review Letters, 1988, 60, 1668-1671.	2.9	197
190	Peierls instability in the two-dimensional half-filled Hubbard model. Physical Review B, 1988, 37, 9546-9558.	1.1	84
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