Frank Marsiglio

List of Publications by Year
in descending order

Version: 2024-02-01

205 papers	5,087 citations	87888 38 h-index	118850 62 g-index
216 all docs	216 docs citations	216 times ranked	2920 citing authors

#	Article	IF	Citations
1	Superconducting state in an oxygen hole metal. Physical Review B, 1989, 39, 11515-11525.	3.2	236
2	Iterative analytic continuation of the electron self-energy to the real axis. Physical Review B, 1988, 37, 4965-4969.	3.2	229
3	Hole superconductivity and the high-Tcoxides. Physical Review B, 1990, 41, 6435-6456.	3.2	178
4	Microscopic origin of the Drude-Smith model. Physical Review B, 2017, 96, .	3.2	140
5	Strong-coupling corrections to Bardeen-Cooper-Schrieffer ratios. Physical Review B, 1986, 33, 6141-6146.	3.2	133
6	Reliable PadÃ© analytical continuation method based on a high-accuracy symbolic computation algorithm. Physical Review B, 2000, 61, 5147-5157.	3.2	116
7	Pairing in the Holstein model in the dilute limit. Physica C: Superconductivity and Its Applications, 1995, 244, 21-34.	1.2	112
8	Spectral function of a single hole in a two-dimensional quantum antiferromagnet. Physical Review B, 1991, 43, 10882-10889.	3.2	110
9	Topological Change of the Fermi Surface in Low-Density Rashba Gases: Application to Superconductivity. Physical Review Letters, 2007, 98, 167002.	7.8	110
10	Pairing and charge-density-wave correlations in the Holstein model at half-filling. Physical Review B, 1990, 42, 2416-2424.	3.2	97
11	Hole superconductivity in oxides: A two-band model. Physical Review B, 1991, 43, 424-434.	3.2	84
12	Inversion of K3C60 reflectance data. Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 245, 172-176.	2.1	84
13	Eliashberg theory: A short review. Annals of Physics, 2020, 417, 168102.	2.8	71
14	Superconductivity in the elements, alloys and simple compounds. Physica C: Superconductivity and Its Applications, 2015, 514, 17-27.	1.2	68
15	The spectral function of a one-dimensional Holstein polaron. Physics Letters, Section A: General, Atomic and Solid State Physics, 1993, 180, 280-284.	2.1	65
16	The double-well potential in quantum mechanics: a simple, numerically exact formulation. European Journal of Physics, 2012, 33, 1651-1666.	0.6	64
17	Doping dependence of the redistribution of optical spectral weight inBi2Sr2CaCu2O8+Î´. Physical Review B, 2006, 74, .	3.2	63
18	Hole superconductivity: Review and some new results. Physica C: Superconductivity and Its Applications, 1989, 162-164, 591-598.	1.2	62

#	Article	IF	Citations
19	Optical sum rule violation, superfluid weight, and condensation energy in the cuprates. Physical Review B, 2000, 62, 15131-15150.	3.2	62
20	Maximum 2Î”0/kBTcfor electron-phonon superconductors. Physical Review B, 1986, 33, 6135-6140.	3.2	61
21	Phonon self-energy effects due to superconductivity: A real-axis formulation. Physical Review B, 1992, 45, 9865-9871.	3.2	59
22	London penetration depth in hole superconductivity. Physical Review B, 1992, 45, 4807-4818.	3.2	57
23	Thermodynamics in very strong coupling: A possible model for the high-Tcoxides. Physical Review B, 1987, 36, 5245-5250.	3.2	55
24	Imaginary part of the optical conductivity ofBa1âˆ’xKxBiO3. Physical Review B, 1996, 53, 9433-9441.	3.2	55
25	Superconducting materials classes: Introduction and overview. Physica C: Superconductivity and Its Applications, 2015, 514, 1-8.	1.2	54
26	Gap function and density of states in the strong-coupling limit for an electron-boson system. Physical Review B, 1991, 43, 5355-5363.	3.2	53
27	Nonstandard superconductivity or no superconductivity in hydrides under high pressure. Physical Review B, 2021, 103, .	3.2	53
28	First- and Second-Order Topological Superconductivity and Temperature-Driven Topological Phase Transitions in the Extended Hubbard Model with Spin-Orbit Coupling. Physical Review Letters, 2020, 125, 017001.	7.8	50
29	Coherence effects in electromagnetic absorption in superconductors. Physical Review B, 1991, 44, 5373-5376.	3.2	49
30	Effect of suppression of the inelastic scattering rate on the penetration depth and conductivity in adx2âˆ’y2superconductor. Physical Review B, 1997, 56, 2738-2750.	3.2	48
31	Superconductivity in lithium under high pressure investigated with density functional and Eliashberg theory. Physical Review B, 2009, 79, .	3.2	48
32	Superconductivity in an oxygen hole metal. Physical Review B, 1990, 41, 2049-2051.	3.2	47
33	Electron-phonon or hole superconductivity in MgB2. Physical Review B, 2001, 64, .	3.2	46
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.	1.2	42
35	On the dependence of superconducting Tc on carrier concentration. Physics Letters, Section A: General, Atomic and Solid State Physics, 1989, 140, 122-126.	2.1	41
36	Where is 99% of the condensation energy of Tl2Ba2CuOy coming from?. Physica C: Superconductivity and Its Applications, 2000, 331, 150-156.	1.2	41

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37	Eliashberg theory of the critical temperature and isotope effect. Dependence on bandwidth, band-filling, and direct Coulomb repulsion. Journal of Low Temperature Physics, 1992, 87, 659-682.	1.4	40
38	Pairing effects in the normal phase of a two-dimensional Fermi gas. Physical Review B, 2015, 91, .	3.2	39
39	Tunneling asymmetry: A test of superconductivity mechanisms. Physica C: Superconductivity and Its Applications, 1989, 159, 157-160.	1.2	38
40	Hole superconductivity in the dilute limit. Physica C: Superconductivity and Its Applications, 1990, 171, 554-560.	1.2	37
41	Proximity effect and Josephson current in clean strong/weak/strong superconducting trilayers. Physical Review B, 2006, 73, .	3.2	37
42	Modification of ensemble emission rates and luminescence spectra for inhomogeneously broadened distributions of quantum dots coupled to optical microcavities. Optics Express, 2010, 18, 10230.	3.4	37
43	Unusual width of the superconducting transition in a hydride. Nature, 2021, 596, E9-E10.	27.8	37
44	Superconductivity in oxides: From strong to weak coupling. Physica C: Superconductivity and Its Applications, 1990, 165, 71-76.	1.2	36
45	Inversion of angle-resolved photoemission measurements in high-Tccuprates. Physical Review B, 2003, 67, .	3.2	35
46	Enhancement of self-energy effects of phonons with finite wave vectors due to Fermi-surface nesting. Physical Review B, 1993, 47, 5419-5427.	3.2	34
47	Hole superconductivity in infinite-layer nickelates. Physica C: Superconductivity and Its Applications, 2019, 566, 1353534.	1.2	34
48	Dependence of the second upper critical field on coupling strength. Physical Review B, 1990, 41, 8765-8771.	3.2	33
49	Optical study of electronic structure and electron-phonon coupling inZrB12. Physical Review B, 2007, 75, .	3.2	33
50	Absence of magnetic evidence for superconductivity in hydrides under high pressure. Physica C: Superconductivity and Its Applications, 2021, 584, 1353866.	1.2	33
51	Evaluation of the BCS approximation for the attractive Hubbard model in one dimension. Physical Review B, 1997, 55, 575-581.	3.2	31
52	Electron-Phonon Superconductivity. , 2008, , 73-162.		31
53	The harmonic oscillator in quantum mechanics: A third way. American Journal of Physics, 2009, 77, 253-258.	0.7	31
54	Rippled commensurate state: A possible new type of incommensurate state. Physical Review B, 1984, 29, 4179-4181.	3.2	28

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55	Anderson prescription for surfaces and impurities. Physical Review B, 2000, 62, 5345-5348.	3.2	28
56	Electron-phonon effects on spin-orbit split bands of two-dimensional systems. Physical Review B, 2007, 76, .	3.2	28
57	Upper critical field for a high-Tcelectron-phonon superconductor: Regime ofTcï‰1nâˆ¼1. Physical Review B, 1987, 36, 3633-3637.	3.2	27
58	Dependence of some electromagnetic properties of superconductors on coupling strength. Physical Review B, 1990, 41, 6457-6465.	3.2	26
59	Self-consistent modification to the electron density of states due to electron-phonon coupling in metals. Physical Review B, 2003, 68, .	3.2	26
60	Thermodynamic and other properties of a high-Tcexcitonic superconductor. Physical Review B, 1987, 36, 3937-3940.	3.2	25
61	Off-Fermi surface cancellation effects in spin-Hall conductivity of a two-dimensional Rashba electron gas. Physical Review B, 2006, 73, .	3.2	25
62	Vanishing of interband light absorption in a persistent spin helix state. Scientific Reports, 2013, 3, 2828.	3.3	25
63	Majorana corner flat bands in two-dimensional second-order topological superconductors. Physical Review B, 2020, 101, .	3.2	25
64	Vortex-line topology in iron-based superconductors with and without second-order topology. Physical Review B, 2021, 103, .	3.2	25
65	Combined phonon-exciton mechanism in La2âˆ’xSrxCuO4. Solid State Communications, 1987, 64, 905-910.	1.9	24
66	Hole superconductivity in arsenicâ€“iron compounds. Physica C: Superconductivity and Its Applications, 2008, 468, 1047-1052.	1.2	24
67	Ground-state properties of the Holstein model near the adiabatic limit. Physical Review B, 2010, 81, .	3.2	24
68	Penetration of a magnetic field in a very strong coupling superconductor. Physical Review B, 1988, 38, 179-184.	3.2	23
69	Implications of Reflectance Measurements on the Mechanism for Superconductivity inMgB2. Physical Review Letters, 2001, 87, 247001.	7.8	23
70	Geometrical effects in the energy transfer mechanism for silicon nanocrystals and Er3+. Applied Physics Letters, 2008, 93, .	3.3	23
71	Meissner effect in nonstandard superconductors. Physica C: Superconductivity and Its Applications, 2021, 587, 1353896.	1.2	23
72	Eliashberg theory of superconductivity with repulsive coulomb enhancement. Physica C: Superconductivity and Its Applications, 1989, 160, 305-313.	1.2	22

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73	Aspects of Optical Properties in Conventional and Oxide Superconductors. Australian Journal of Physics, 1997, 50, 975.	0.6	21
74	Eliashberg treatment of the microwave conductivity of niobium. Physical Review B, 1994, 50, 7203-7206.	3.2	20
75	Optical sum increase due to electron undressing. Physical Review B, 2004, 70, .	3.2	20
76	Model of the Electron-Phonon Interaction and Optical Conductivity of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Ba</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="bold">K</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi>BiO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mathPhysical Review Letters, 2012, 109, 017001.	7.8	20
77	Dependence of the upper critical field on the spectral density for arbitrary impurity concentrations. Physical Review B, 1987, 35, 3226-3237.	3.2	19
78	Thermodynamic and other properties ofLa1.85Sr0.15CuO4. Physical Review B, 1987, 36, 3627-3632.	3.2	19
79	Effects of multiple scattering and wavelength-dependent attenuation on strain measurements by neutron scattering. Journal of Neutron Research, 1995, 3, 27-39.	1.1	19
80	Sum rule anomaly from suppression of inelastic scattering in the superconducting state. Physical Review B, 2006, 73, .	3.2	19
81	Impact of Dresselhaus versus Rashba spin-orbit coupling on the Holstein polaron. Physical Review B, 2012, 85, .	3.2	19
82	Eliashberg theory and the high Tc oxides. Solid State Communications, 1987, 63, 419-423.	1.9	18
83	Superconductivity from retarded interactions in the presence of electron-hole asymmetry. Physical Review B, 1994, 49, 1366-1375.	3.2	18
84	Even-odd and super-even effects in the attractive Hubbard model. Physical Review B, 1999, 60, 3508-3526.	3.2	18
85	Constraints fromTcand the isotope effect inMgB2. Physical Review B, 2001, 64, .	3.2	18
86	The static electric polarizability of a particle bound by a finite potential well. American Journal of Physics, 2011, 79, 222-225.	0.7	18
87	The Kronig-Penney model extended to arbitrary potentials via numerical matrix mechanics. American Journal of Physics, 2015, 83, 773-781.	0.7	18
88	Normal state properties of high-Tc oxides. Physica C: Superconductivity and Its Applications, 1992, 195, 355-366.	1.2	17
89	Spin-Hall Conductivity in Electron-Phonon Coupled Systems. Physical Review Letters, 2006, 97, 066601.	7.8	17
90	Impurity scattering of wave packets on a lattice. Physical Review B, 2006, 74, .	3.2	17

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91	Monte Carlo evaluation of Migdal-Eliashberg theory in two dimensions. Physica C: Superconductivity and Its Applications, 1989, 162-164, 1453-1454.	1.2	16
92	Superconductivity in Ba2Sn3Sb6 and SrSn3Sb4. Journal of Alloys and Compounds, 2002, 338, 69-72.	5.5	16
93	Solving for three-dimensional central potentials using numerical matrix methods. American Journal of Physics, 2013, 81, 343-350.	0.7	16
94	Eliashberg theory in the weak-coupling limit. Physical Review B, 2018, 98, .	3.2	16
95	Quasiparticle Lifetimes and the Conductivity Scattering Rate. Australian Journal of Physics, 1997, 50, 1011.	0.6	15
96	Perturbation theory of the mass enhancement for a polaron coupled to acoustic phonons. Physical Review B, 2011, 83, .	3.2	15
97	The spectral decomposition of the helium atom two-electron configuration in terms of hydrogenic orbitals. European Journal of Physics, 2013, 34, 111-128.	0.6	15
98	Flux trapping in superconducting hydrides under high pressure. Physica C: Superconductivity and Its Applications, 2021, 589, 1353916.	1.2	15
99	Reappraising the Luminescence Lifetime Distributions in Silicon Nanocrystals. Nanoscale Research Letters, 2018, 13, 383.	5.7	14
100	Clear evidence against superconductivity in hydrides under high pressure. Matter and Radiation at Extremes, 2022, 7, .	3.9	14
101	Coherence effects in hole superconductivity. Physical Review B, 1991, 44, 11960-11970.	3.2	13
102	Dependence ofTcon normal and magnetic impurities in the hole mechanism of superconductivity. Physical Review B, 1992, 45, 956-965.	3.2	13
103	How many electrons are needed to flip a local spin?. Europhysics Letters, 2005, 69, 595-601.	2.0	13
104	Calculation of 2D electronic band structure using matrix mechanics. American Journal of Physics, 2016, 84, 924-935.	0.7	13
105	Functional derivative of the specific-heat difference nearTcfor superconductors. Physical Review B, 1985, 31, 4192-4198.	3.2	12
106	Intraband optical spectral weight in the presence of a van Hove singularity: Application toBi2Sr2CaCu2O8+Î´. Physical Review B, 2006, 74, .	3.2	12
107	Surface effects in doping a Mott insulator. Physical Review B, 2011, 83, .	3.2	12
108	Understanding electron-doped cuprate superconductors as hole superconductors. Physica C: Superconductivity and Its Applications, 2019, 564, 29-37.	1.2	12

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109	Capillary-Type Microfluidic Sensors Based on Optical Whispering Gallery Mode Resonances. Reviews in Nanoscience and Nanotechnology, 2014, 3, 193-209.	0.4	12
110	Specific heat difference functional derivative within strong coupling theory. Journal of Low Temperature Physics, 1986, 65, 305-324.	1.4	11
111	Asymptotic limit for the thermodynamics of a boson-exchange superconductor. Physical Review B, 1989, 39, 9595-9597.	3.2	11
112	Signatures of the electron-phonon interaction in the far-infrared. Physical Review B, 1995, 52, 16192-16198.	3.2	11
113	Dynamic Hubbard model: Effect of finite boson frequency. Physical Review B, 2003, 68, .	3.2	11
114	Observation of phonon structure in electron density of states of a normal metal. Europhysics Letters, 2005, 71, 776-782.	2.0	11
115	Model-independent sum rule analysis based on limited-range spectral data. New Journal of Physics, 2007, 9, 229-229.	2.9	11
116	Impact of a finite cut-off for the optical sum rule in the superconducting state. Physical Review B, 2008, 77, .	3.2	11
117	Two-site dynamical mean field theory for the dynamic Hubbard model. Physical Review B, 2010, 82, .	3.2	11
118	Sum rule for optical scattering rates. Physical Review B, 2001, 65, .	3.2	10
119	Temperature dependence of the conductivity sum rule in the normal state due to inelastic scattering. Physical Review B, 2006, 74, .	3.2	10
120	Systematic study of the superconducting critical temperature in two- and three-dimensional tight-binding models: A possible scenario for superconducting H3S. Physical Review B, 2016, 94, .	3.2	10
121	Electron-Phonon Superconductivity. , 2003, , 233-345.		10
122	Toxen relation for the energy gap. Physical Review B, 1987, 35, 3219-3225.	3.2	9
123	Inversion of Optical Conductivity Data in Metals. Journal of Superconductivity and Novel Magnetism, 1999, 12, 163-167.	0.5	9
124	Low-temperature thermal conductivity of high-purityYBa2Cu3O6.99in the vortex state: Analysis with arbitrary impurity scattering strength. Physical Review B, 2003, 68, .	3.2	9
125	Refractometric sensitivity and thermal stabilization of fluorescent core microcapillary sensors: theory and experiment. Applied Optics, 2015, 54, 1331.	1.8	9
126	Asymmetric wave functions from tiny perturbations. American Journal of Physics, 2015, 83, 861-866.	0.7	9

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127	Fractional Josephson effect in nonuniformly strained graphene. Physical Review B, 2017, 95, .	3.2	9
128	Slope of specific-heat jump atTcin a very-strong-coupling superconductor. Physical Review B, 1989, 39, 2722-2725.	3.2	8
129	Feedback effects and the self-consistent Thouless criterion of the attractive Hubbard model. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 282, 319-324.	2.1	8
130	Microwave conductivity of a high-purityd-wave superconductor. Physical Review B, 2004, 70, .	3.2	8
131	Spin torque and its relation to spin filtering. Physical Review B, 2004, 69, .	3.2	8
132	Hall Conductivity of a Spin-Triplet Superconductor. Physical Review Letters, 2008, 100, 227003.	7.8	8
133	Electron and spin transport in the presence of a complex absorbing potential. Physical Review B, 2008, 77, .	3.2	8
134	Metallic surface of a bipolaronic insulator. Physical Review B, 2010, 82, .	3.2	8
135	Impact of spin-orbit coupling on the Holstein polaron. Physical Review B, 2011, 83, .	3.2	8
136	The Polaron-Like Nature of an Electron Coupled to Phonons. Journal of Superconductivity and Novel Magnetism, 2012, 25, 1313-1317.	1.8	8
137	The possible role of van Hove singularities in the high Tc of superconducting H3S. International Journal of Modern Physics B, 2017, 31, 1745003.	2.0	8
138	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, .	3.2	8
139	Landau levels, edge states, and gauge choice in 2D quantum dots. American Journal of Physics, 2020, 88, 986-1005.	0.7	8
140	Functional-integral approach to Gaussian fluctuations in Eliashberg theory. Physical Review B, 2021, 104, .	3.2	8
141	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.	1.2	7
142	S-wave superconductivity near a surface. Physica C: Superconductivity and Its Applications, 2003, 384, 356-368.	1.2	7
143	Minimally self-consistent T-matrix approximation to describe the low-temperature properties of the Hubbard model in the atomic limit. Physical Review B, 2005, 71, .	3.2	7
144	Hidden symmetries of electronic transport in a disordered one-dimensional lattice. Physical Review B, 2006, 73, .	3.2	6

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145	Electron-Phonon vs. Electron-Impurity Interactions with Small Electron Bandwidths. Journal of Superconductivity and Novel Magnetism, 2007, 20, 225-232.	1.8	6
146	Microcavity effects in ensembles of silicon quantum dots coupled to highâ€Q resonators. Physica Status Solidi (A) Applications and Materials Science, 2011, 208, 639-645.	1.8	6
147	Competition between reduced delocalization and charge transfer effects for a two-band Hubbard model. Physical Review B, 2011, 84, .	3.2	6
148	Extended versus standard Holstein model: Results in two and three dimensions. Physical Review B, 2014, 90, .	3.2	6
149	Two and three particles interacting in a one-dimensional trap. American Journal of Physics, 2017, 85, 769-782.	0.7	6
150	Eliashberg theory in the weak-coupling limit: Results on the real frequency axis. Physical Review B, 2020, 101, .	3.2	6
151	Upper bound on strong-coupling corrections to the second upper critical field. Physical Review B, 1988, 37, 9318-9324.	3.2	5
152	Possible electronic shell structure of nanoscale superconductors. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 265, 133-138.	2.1	5
153	The importance of basis states: an example using the hydrogen basis. Canadian Journal of Physics, 2015, 93, 1009-1014.	1.1	5
154	The Effect of Next-Nearest Neighbour Hopping in the One, Two, and Three Dimensional Holstein Model. Scientific Reports, 2016, 6, 32591.	3.3	5
155	The Coulomb potential in quantum mechanics revisited. American Journal of Physics, 2017, 85, 346-351.	0.7	5
156	The tight-binding formulation of the Kronig-Penney model. Scientific Reports, 2017, 7, 17041.	3.3	5
157	Double well potentials with a quantum moat barrier or a quantum wall barrier give rise to similar entangled wave functions. American Journal of Physics, 2018, 86, 180-185.	0.7	5
158	Scattering problems via real-time wave packet scattering. American Journal of Physics, 2021, 89, 693-701.	0.7	5
159	Eliashberg theory in the very strong coupling regime. Physica C: Superconductivity and Its Applications, 1988, 153-155, 223-224.	1.2	4
160	Tunneling inversion with an excitonic contribution. Physical Review B, 1989, 39, 2726-2728.	3.2	4
161	BCS theory of hole superconductivity: Quasi-two-dimensional model. Physica C: Superconductivity and Its Applications, 1989, 162-164, 1451-1452.	1.2	4
162	Asymptotic limit forHc2in Eliashberg theory. Physical Review B, 1990, 41, 4484-4488.	3.2	4

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163	Asymptotic limits for the penetration depth of strong-coupling superconductors. Physical Review B, 1990, 41, 11114-11119.	3.2	4
164	Influence of superconductivity on the magnetic dynamics of high-Tcsuperconductors. Physical Review B, 1993, 47, 11555-11558.	3.2	4
165	Quantum mechanics of spin transfer in coupled electron-spin chains. Europhysics Letters, 2007, 79, 67004.	2.0	4
166	Optical Sum Rule Anomalies in the High-T c Cuprates. Journal of Superconductivity and Novel Magnetism, 2009, 22, 269-273.	1.8	4
167	Optical conductivity for a dimer in the dynamic Hubbard model. Physical Review B, 2012, 85, .	3.2	4
168	BLF-SSH polarons coupled to acoustic phonons in the adiabatic limit. Physical Review B, 2014, 90, .	3.2	4
169	Combined phonon-exciton mechanism for La1.85Sr0.15CuO4. Physica C: Superconductivity and Its Applications, 1988, 153-155, 227-228.	1.2	3
170	Electron-phonon mass enhancement and lifetime at finite temperature. Physical Review B, 1997, 55, 6674-6677.	3.2	3
171	On scattering rates extracted from the optical conductivity. Canadian Journal of Physics, 1997, 75, 509-516.	1.1	3
172	New solutions of the T-matrix theory of the attractive Hubbard model. Physica C: Superconductivity and Its Applications, 2000, 341-348, 897-898.	1.2	3
173	Microscopic study of inhomogeneous superconductors. Journal of Physics and Chemistry of Solids, 2002, 63, 2287-2293.	4.0	3
174	The bound-state solutions of the one-dimensional hydrogen atom. American Journal of Physics, 2021, 89, 418-425.	0.7	3
175	Ginzburg-Landau parameter in the very strong coupling regime Tc/Ï‰ln âˆ¼ 1. Solid State Communications, 1988, 65, 1175-1178.	1.9	2
176	Title is missing!. Journal of Low Temperature Physics, 1999, 117, 149-173.	1.4	2
177	Constraints on the mechanism of superconductivity for MgB2 from Tc and the total isotope effect. Journal of Physics and Chemistry of Solids, 2002, 63, 2325-2328.	4.0	2
178	Demonstration of a Robust Pseudogap in a Three-Dimensional Correlated Electronic System. Journal of Low Temperature Physics, 2004, 136, 191-216.	1.4	2
179	Emerging nonequilibrium bound state in spin-currentâ€“local-spin scattering. Physical Review B, 2009, 80, .	3.2	2
180	Why is the ground-state electron configuration for lithium 1s ² 2s?. Europhysics Letters, 2012, 100, 43002.	2.0	2

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181	Numerical and analytical study of the bound states of the â^'Î±/x2 potential. American Journal of Physics, 2020, 88, 746-752.	0.7	2
182	Thermodynamics of Eliashberg theory in the weak-coupling limit. Physical Review B, 2020, 102, .	3.2	2
183	Mixed temperature-dependent order parameters in the extended Hubbard model. Journal of Physics Condensed Matter, 2021, 33, 065603.	1.8	2
184	On spinodals and catastrophes. Physics Letters, Section A: General, Atomic and Solid State Physics, 1987, 123, 79-81.	2.1	1
185	Optimum spectra for superconducting properties. Physica C: Superconductivity and Its Applications, 1988, 153-155, 225-226.	1.2	1
186	Some results for asymptotic limits in Eliashberg theory. Physica C: Superconductivity and Its Applications, 1989, 162-164, 1493-1494.	1.2	1
187	Spin-wave response in the dilute quasi-one-dimensional Ising-like antiferromagnetCsCo0.83Mg0.17Br3. Physical Review B, 2002, 65, .	3.2	1
188	Transport in Vortex State of d-Wave Superconductors at Zero Temperature: Wiedemann?Franz Violation. Journal of Superconductivity and Novel Magnetism, 2004, 17, 725-737.	0.5	1
189	Spin transfer in ferromagnetic systems. Canadian Journal of Physics, 2006, 84, 507-515.	1.1	1
190	Electron-Hole Asymmetry in the Dynamic Hubbard Model. Journal of Superconductivity and Novel Magnetism, 2011, 24, 1571-1575.	1.8	1
191	The effect of strong electron-rattling phonon coupling on some superconducting properties. Canadian Journal of Physics, 2019, 97, 472-476.	1.1	1
192	Coherence effects in the high Tc oxides. Physica C: Superconductivity and Its Applications, 1991, 185-189, 1675-1676.	1.2	0
193	Superconductivity from electron-phonon interactions in the absence of electron-hole symmetry. Physica B: Condensed Matter, 1994, 199-200, 338-340.	2.7	0
194	Anisotropic penetration depth and optical sum rule violation in La2â^'xSrxCuO4. Physica C: Superconductivity and Its Applications, 2000, 341-348, 2217-2218.	1.2	0
195	Title is missing!. Journal of Low Temperature Physics, 2003, 131, 975-978.	1.4	0
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