

Ilya Eremin

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161
papers

4,914
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66
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174
ext. papers

5,455
ext. citations

4.3
avg, IF

5.7
L-index

#	Paper	IF	Citations
161	Magnetism, superconductivity, and pairing symmetry in iron-based superconductors. <i>Physical Review B</i> , 2008 , 78,	3.3	599
160	Preemptive nematic order, pseudogap, and orbital order in the iron pnictides. <i>Physical Review B</i> , 2012 , 85,	3.3	294
159	A high-temperature ferromagnetic topological insulating phase by proximity coupling. <i>Nature</i> , 2016 , 533, 513-6	50.4	277
158	Theory of magnetic excitations in iron-based layered superconductors. <i>Physical Review B</i> , 2008 , 78,	3.3	269
157	Commensurate spin density wave in LaFeAsO: a local probe study. <i>Physical Review Letters</i> , 2008 , 101, 077005	7.4	258
156	Magnetic degeneracy and hidden metallicity of the spin-density-wave state in ferro-pnictides. <i>Physical Review B</i> , 2010 , 81,	3.3	142
155	Magnetically driven suppression of nematic order in an iron-based superconductor. <i>Nature Communications</i> , 2014 , 5, 3845	17.4	133
154	Novel neutron resonance mode in dx ² -y ² -wave superconductors. <i>Physical Review Letters</i> , 2005 , 94, 147001	10.1	106
153	Specific features of spin, charge, and orbital ordering in cobaltites. <i>Physics-Uspekhi</i> , 2009 , 52, 789-810	2.8	99
152	Interplay of magnetic and structural transitions in iron-based pnictide superconductors. <i>Physical Review B</i> , 2010 , 82,	3.3	91
151	Theory of itinerant magnetic excitations in the spin-density-wave phase of iron-based superconductors. <i>Physical Review B</i> , 2010 , 81,	3.3	91
150	Double-Q spin-density wave in iron arsenide superconductors. <i>Nature Physics</i> , 2016 , 12, 493-498	16.2	82
149	Incommensurate itinerant antiferromagnetic excitations and spin resonance in the FeTe _{0.6} Se _{0.4} superconductor. <i>Physical Review B</i> , 2010 , 81,	3.3	77
148	Feedback spin resonance in superconducting CeCu ₂ Si ₂ and CeCoIn ₅ . <i>Physical Review Letters</i> , 2008 , 101, 187001	7.4	71
147	Analysis of the resonance peak and magnetic coherence seen in inelastic neutron scattering of cuprate superconductors: A consistent picture with tunneling and conductivity data. <i>Physical Review B</i> , 2001 , 63,	3.3	69
146	Effect of Fermi surface nesting on resonant spin excitations in Ba(1-x)K(x)Fe ₂ As ₂ . <i>Physical Review Letters</i> , 2011 , 107, 177003	7.4	62
145	Enhancement of the Superconducting Gap by Nesting in CaKFe ₄ As ₄ : A New High Temperature Superconductor. <i>Physical Review Letters</i> , 2016 , 117, 277001	7.4	59

144	Robust determination of the superconducting gap sign structure via quasiparticle interference. <i>Physical Review B</i> , 2015 , 92,	3-3	53
143	Theory for electron-doped cuprate superconductors: d-wave symmetry order parameter. <i>Physical Review B</i> , 2000 , 62, 13922-13925	3-3	53
142	Superconductivity from repulsion in LiFeAs: Novel s-wave symmetry and potential time-reversal symmetry breaking. <i>Physical Review B</i> , 2014 , 89,	3-3	51
141	Sign reversal of the order parameter in $(\text{Li}_{1-x}\text{Fex})\text{OHFe}_1\text{ZnySe}$. <i>Nature Physics</i> , 2018 , 14, 134-139	16.2	48
140	Superconductivity versus bound-state formation in a two-band superconductor with small Fermi energy: Applications to Fe pnictides/chalcogenides and doped SrTiO ₃ . <i>Physical Review B</i> , 2016 , 93,	3-3	47
139	Ultrafast Modulation of the Chemical Potential in BaFe ₂ As ₂ by Coherent Phonons. <i>Physical Review Letters</i> , 2014 , 112,	7-4	45
138	Renormalization of the elementary excitations in hole- and electron-doped cuprates due to spin fluctuations. <i>Physical Review B</i> , 2003 , 67,	3-3	45
137	Anisotropic softening of magnetic excitations along the nodal direction in superconducting cuprates. <i>Nature Communications</i> , 2014 , 5, 5760	17-4	44
136	Spin susceptibility and pseudogap in YBa ₂ Cu ₄ O ₈ : An approach via a charge-density-wave instability. <i>Physical Review B</i> , 1997 , 56, 11305-11311	3-3	44
135	Spin reorientation driven by the interplay between spin-orbit coupling and Hund's rule coupling in iron pnictides. <i>Physical Review B</i> , 2015 , 92,	3-3	42
134	Quasiparticle interference in the spin-density wave phase of iron-based superconductors. <i>Physical Review Letters</i> , 2010 , 104, 257001	7-4	42
133	Analysis of the elementary excitations in high-T _c cuprates: explanation of the new energy scale observed by angle-resolved photoemission spectroscopy. <i>Physical Review Letters</i> , 2001 , 87, 177005	7-4	42
132	Electronic theory for the normal-state spin dynamics in Sr ₂ RuO ₄ : Anisotropy due to spin-orbit coupling. <i>Physical Review B</i> , 2002 , 65,	3-3	42
131	Nonanalytic spin susceptibility of a Fermi liquid: the case of Fe-based pnictides. <i>Physical Review Letters</i> , 2009 , 102, 236403	7-4	38
130	Pressure-induced electronic phase separation of magnetism and superconductivity in CrAs. <i>Scientific Reports</i> , 2015 , 5, 13788	4-9	34
129	Quasiparticle interference in iron-based superconductors. <i>Physical Review B</i> , 2010 , 82,	3-3	33
128	Unconventional superconductivity and magnetism in Sr ₂ RuO ₄ and related materials. <i>Annalen Der Physik</i> , 2004 , 13, 149-174	2.6	33
127	Theory of Raman response of a superconductor with extended s-wave symmetry: Application to the iron pnictides. <i>Physical Review B</i> , 2009 , 79,	3-3	32

126	Pairing symmetry of the one-band Hubbard model in the paramagnetic weak-coupling limit: A numerical RPA study. <i>Physical Review B</i> , 2015 , 92,	3-3	31
125	Evidence for an Fulde-Ferrell-Larkin-Ovchinnikov State with Segmented Vortices in the BCS-BEC-Crossover Superconductor FeSe. <i>Physical Review Letters</i> , 2020 , 124, 107001	7-4	30
124	Multiorbital spin susceptibility in a magnetically ordered state: Orbital versus excitonic spin density wave scenario. <i>Physical Review B</i> , 2011 , 83,	3-3	29
123	Local-moment fluctuations in the optimally doped high-Tc superconductor YBa2Cu3O6.95. <i>Physical Review B</i> , 2008 , 78,	3-3	29
122	Magnetic resonance in the spin excitation spectrum of electron-doped cuprate superconductors. <i>Physical Review Letters</i> , 2007 , 99, 047005	7-4	29
121	Itinerant in-plane magnetic fluctuations and many-body correlations in NaxCoO2. <i>Physical Review B</i> , 2007 , 75,	3-3	28
120	Quasiparticle interference in the heavy-fermion superconductor CeCoIn5. <i>Physical Review B</i> , 2011 , 84,	3-3	27
119	Impurity resonance states in noncentrosymmetric superconductor CePt3Si: A probe for Cooper-pairing symmetry. <i>Physical Review B</i> , 2008 , 78,	3-3	27
118	Theory of magnetic excitons in the heavy-fermion superconductor UPd2Al3. <i>Physical Review B</i> , 2007 , 75,	3-3	27
117	Relation between the one-particle spectral function and dynamic spin susceptibility of superconducting Bi2Sr2CaCu2O8. <i>Physical Review B</i> , 2007 , 75,	3-3	27
116	Fermi-liquid-based theory for the in-plane magnetic anisotropy in untwinned high-Tc superconductors. <i>Physical Review Letters</i> , 2005 , 94, 067006	7-4	26
115	Theory of nonequilibrium dynamics of multiband superconductors. <i>Europhysics Letters</i> , 2013 , 101, 17002.1.6		25
114	Incommensurate magnetic fluctuations and Fermi surface topology in LiFeAs. <i>Physical Review B</i> , 2012 , 86,	3-3	25
113	Self-energy effects and electron-phonon coupling in Fe-As superconductors. <i>Journal of Physics Condensed Matter</i> , 2010 , 22, 115802	1.8	25
112	RKKY interaction in the spin-density-wave phase of iron-based superconductors. <i>Physical Review B</i> , 2011 , 84,	3-3	25
111	Electronic theory for superconductivity in Sr2RuO4: Triplet pairing due to spin-fluctuation exchange. <i>Europhysics Letters</i> , 2002 , 58, 871-877	1.6	25
110	Magnetic impurity resonance states and symmetry of the superconducting order parameter in iron-based superconductors. <i>Physical Review B</i> , 2010 , 81,	3-3	24
109	Doping evolution of itinerant magnetic fluctuations in Fe-based pnictides. <i>Europhysics Letters</i> , 2008 , 83, 67003	1.6	24

108	Spin and charge Josephson effects between nonuniform superconductors with coexisting helimagnetic order. <i>Physical Review B</i> , 2006 , 73,	3.3	24
107	Electronic properties, low-energy Hamiltonian, and superconducting instabilities in CaKFe ₄ As ₄ . <i>Physical Review B</i> , 2017 , 96,	3.3	23
106	Unusual disorder effects in superconducting LaFeAsO _{0.9} F _{0.1} as revealed by A75s NMR spectroscopy. <i>Physical Review B</i> , 2010 , 81,	3.3	23
105	Eliashberg theory of superconductivity and inelastic rare-earth impurity scattering in the filled skutterudite La _{1-x} Pr _x Os ₄ Sb ₁₂ . <i>Physical Review B</i> , 2007 , 76,	3.3	23
104	Cooper-pair formation by anharmonic rattling modes in the pyrochlore superconductor KOs ₂ O ₆ . <i>New Journal of Physics</i> , 2009 , 11, 055068	2.9	22
103	Interaction of Skyrmions and Pearl Vortices in Superconductor-Chiral Ferromagnet Heterostructures. <i>Physical Review Letters</i> , 2019 , 122, 097001	7.4	20
102	Superconductivity with broken time-reversal symmetry inside a superconducting s-wave state. <i>Nature Physics</i> , 2020 , 16, 789-794	16.2	20
101	Dichotomy between in-plane magnetic susceptibility and resistivity anisotropies in extremely strained BaFeAs. <i>Nature Communications</i> , 2017 , 8, 504	17.4	19
100	Magnetic susceptibility of YbRh ₂ Si ₂ and YbIr ₂ Si ₂ on the basis of a localized 4f electron approach. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 455208	1.8	19
99	Large magnetoresistance and critical spin fluctuations in GdI ₂ . <i>Physical Review B</i> , 2001 , 64,	3.3	19
98	Magnetic resonance from the interplay of frustration and superconductivity. <i>Physical Review B</i> , 2011 , 84,	3.3	18
97	Knight Shift and Leading Superconducting Instability from Spin Fluctuations in Sr ₂ RuO ₄ . <i>Physical Review Letters</i> , 2019 , 123, 247001	7.4	18
96	Dual features of magnetic susceptibility in superconducting cuprates: a comparison to inelastic neutron scattering. <i>European Physical Journal B</i> , 2012 , 85, 1	1.2	17
95	High-T superconductivity in undoped ThFeAsN. <i>Nature Communications</i> , 2017 , 8, 156	17.4	17
94	Mutual Independence of Critical Temperature and Superfluid Density under Pressure in Optimally Electron-Doped Superconducting LaFeAsO(1-x)F(x). <i>Physical Review Letters</i> , 2015 , 114, 247004	7.4	17
93	Fluctuation-induced magnetization dynamics and criticality at the interface of a topological insulator with a magnetically ordered layer. <i>Physical Review Letters</i> , 2012 , 109, 237203	7.4	17
92	Angle-resolved specific heat in iron-based superconductors: The case for a nodeless extended s-wave gap. <i>Physical Review B</i> , 2010 , 82,	3.3	17
91	Possible isotope effect on the resonance peak formation in high-T _c cuprates. <i>Physical Review B</i> , 2004 , 69,	3.3	17

90	Effect of nodes, ellipticity, and impurities on the spin resonance in iron-based superconductors. <i>Physical Review B</i> , 2011 , 84,	3-3	16
89	Theory of the pseudogap in the elementary excitation spectrum of the normal phase of bilayer cuprates. <i>JETP Letters</i> , 1997 , 66, 569-574	1.2	16
88	Spin-Orbit Coupling in Fe-Based Superconductors. <i>Journal of Superconductivity and Novel Magnetism</i> , 2013 , 26, 2873-2874	1.5	15
87	s _± superconductivity with incipient bands: Doping dependence and STM signatures. <i>Physical Review B</i> , 2017 , 96,	3-3	15
86	Spin excitations in layered antiferromagnetic metals and superconductors. <i>Physical Review B</i> , 2012 , 86,	3-3	15
85	Evolution of the multiband Ruderman-Kittel-Kasuya-Yosida interaction: application to iron pnictides and chalcogenides. <i>New Journal of Physics</i> , 2013 , 15, 033034	2.9	15
84	Collective magnetic excitations of C ₄ -symmetric magnetic states in iron-based superconductors. <i>Physical Review B</i> , 2016 , 94,	3-3	14
83	In-plane magnetic penetration depth of superconducting CaKFe ₄ As ₄ . <i>Physical Review B</i> , 2018 , 97,	3-3	13
82	Spin excitations and the Fermi surface of superconducting FeS. <i>Npj Quantum Materials</i> , 2017 , 2,	5	13
81	Theory for phonon-induced superconductivity in MgB ₂ . <i>Physical Review B</i> , 2002 , 65,	3-3	13
80	Theory of multiband superconductivity in spin-density-wave metals. <i>Physical Review Letters</i> , 2010 , 105, 037003	7-4	12
79	Signature of the nonmonotonic d-wave gap in electron-doped cuprates. <i>Physical Review B</i> , 2008 , 77,	3-3	12
78	Dynamical spin susceptibility and the resonance peak in the pseudogap region of the underdoped cuprate superconductors. <i>Physical Review B</i> , 2006 , 73,	3-3	12
77	Magnetic field dependence of the superconducting gap node topology in noncentrosymmetric CePt ₃ Si. <i>Physical Review B</i> , 2006 , 74,	3-3	12
76	Pairing in the two-dimensional Hubbard model from weak to strong coupling. <i>Physical Review Research</i> , 2020 , 2,	3-9	12
75	Anisotropic spin fluctuations in Sr ₂ RuO ₄ : Role of spin-orbit coupling and induced strain. <i>Physical Review B</i> , 2016 , 94,	3-3	12
74	Pair breaking by nonmagnetic impurities in the noncentrosymmetric superconductor CePt ₃ Si. <i>Physical Review B</i> , 2010 , 81,	3-3	11
73	Spin susceptibility in bilayered cuprates: Resonant magnetic excitations. <i>Physical Review B</i> , 2007 , 75,	3-3	11

72	Antiferromagnetism in Iron-Based Superconductors: Selection of Magnetic Order and Quasiparticle Interference. <i>Journal of the Physical Society of Japan</i> , 2014 , 83, 061015	1.5	10
71	Strong-coupling topological Josephson effect in quantum wires. <i>Journal of Physics Condensed Matter</i> , 2012 , 24, 325701, 1-10	1.8	10
70	CDW as a possible reason for the pseudogap in the normal state of high-T _c cuprates. <i>Journal of Superconductivity and Novel Magnetism</i> , 1997 , 10, 459-460		10
69	Electronic theory for itinerant in-plane magnetic fluctuations in Na _x CoO ₂ . <i>JETP Letters</i> , 2007 , 84, 650-655		10
68	Dynamic spin susceptibility of hole-doped high-temperature superconductors in a singlet-correlated conduction band model. <i>Journal of Experimental and Theoretical Physics</i> , 2008 , 106, 752-764	1	10
67	Semimetal-insulator transition on the surface of a topological insulator with in-plane magnetization. <i>Physical Review B</i> , 2013 , 88,	3.3	9
66	Electron-phonon interaction in the lamellar cobaltate Na _x CoO ₂ . <i>Physical Review B</i> , 2008 , 77,	3.3	9
65	Surface State Tunneling Signatures in the Two-Component Superconductor UPt ₃ . <i>Physical Review Letters</i> , 2017 , 118, 087004	7.4	8
64	Superconducting phase diagram of itinerant antiferromagnets. <i>Physical Review B</i> , 2016 , 93,	3.3	8
63	Dynamical magnetic susceptibility in the lamellar cobaltate superconductor Na _x CoO ₂ ·yH ₂ O. <i>Physical Review B</i> , 2008 , 77,	3.3	8
62	Effective parameters of the band dispersion in n-type high-T _c superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2004 , 402, 365-370	1.3	8
61	Phase-dependent spin polarization of Cooper pairs in magnetic Josephson junctions. <i>Physical Review B</i> , 2019 , 100,	3.3	7
60	Collective modes in pumped unconventional superconductors with competing ground states. <i>Physical Review B</i> , 2019 , 100,	3.3	7
59	Polar Kerr effect from a time-reversal symmetry breaking unidirectional charge density wave. <i>Physical Review B</i> , 2015 , 91,	3.3	7
58	Doping asymmetry of superconductivity coexisting with antiferromagnetism in spin fluctuation theory. <i>New Journal of Physics</i> , 2015 , 17, 023022	2.9	7
57	Short-time dynamics in s ₊ -wave superconductor with incipient bands. <i>Physical Review B</i> , 2018 , 98,	3.3	7
56	Theory of the bound state of 4f excitations and magnetic resonance in unconventional superconductors. <i>Physical Review B</i> , 2009 , 80,	3.3	7
55	Multipolar Order and Superconductivity in f-Electron Compounds. <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 43-47	1.5	7

54	Theory for electron- and hole-doped cuprate superconductors: d -wave symmetry order parameter. <i>Europhysics Letters</i> , 2001 , 53, 371-377	1.6	7
53	Network patterns and strength of orbital currents in layered cuprates. <i>Physical Review B</i> , 2002 , 66,	3.3	7
52	Theory of strain-induced magnetic order and splitting of Tc and TTRSB in Sr2RuO4. <i>Physical Review B</i> , 2020 , 102,	3.3	7
51	On interplay between the magnetic susceptibilities of localized and itinerant electrons in hole-doped HTSCs. <i>JETP Letters</i> , 2006 , 84, 167-170	1.2	6
50	Formation of magnetic moments in the cuprate superconductor Hg0.8Cu0.2Ba2Ca2Cu3O8+ δ below Tc seen by NQR. <i>Physica C: Superconductivity and Its Applications</i> , 2004 , 406, 27-36	1.3	6
49	Magnitude of spin and charge density wave amplitudes in underdoped cuprates. <i>Applied Magnetic Resonance</i> , 2000 , 19, 355-362	0.8	6
48	Scanning tunnelling spectroscopy as a probe of multi-Q magnetic states of itinerant magnets. <i>Nature Communications</i> , 2017 , 8, 14317	17.4	5
47	Thermal screening at finite chemical potential on a topological surface and its interplay with proximity-induced ferromagnetism. <i>Physical Review B</i> , 2014 , 90,	3.3	5
46	Three-orbital Model for Fe-Pnictides. <i>Journal of Superconductivity and Novel Magnetism</i> , 2013 , 26, 2665-2668	2.6	5
45	Spin dynamics of itinerant holes in HTSC cuprates: the singlet-correlated band model and its applications. <i>Journal of Physics Condensed Matter</i> , 2007 , 19, 116209	1.8	5
44	Spin excitations in layered cuprates: a Fermi-liquid approach. <i>Low Temperature Physics</i> , 2006 , 32, 519-532.	2.7	5
43	Dictionary learning in Fourier-transform scanning tunneling spectroscopy. <i>Nature Communications</i> , 2020 , 11, 1081	17.4	4
42	Fluctuation-induced Néel and Bloch skyrmions at topological insulator surfaces. <i>Physical Review B</i> , 2018 , 98,	3.3	4
41	Higgs mechanism, phase transitions, and anomalous Hall effect in three-dimensional topological superconductors. <i>Physical Review B</i> , 2015 , 92,	3.3	4
40	Strong-coupling theory of the universal linear temperature dependence of the nodal Fermi velocity in layered cuprates. <i>Physical Review B</i> , 2008 , 78,	3.3	4
39	Electronic theory for scanning tunneling microscopy spectra in infinite-layer nickelate superconductors. <i>Physical Review B</i> , 2021 , 104,	3.3	4
38	Quasiparticle interference and symmetry of superconducting order parameter in strongly electron-doped iron-based superconductors. <i>New Journal of Physics</i> , 2019 , 21, 083021	2.9	3
37	Phase-sensitive determination of nodal d-wave order parameter in single-band and multiband superconductors. <i>Physical Review B</i> , 2020 , 101,	3.3	3

36	Quasiparticle interference from different impurities on the surface of pyrochlore iridates: Signatures of the Weyl phase. <i>Physical Review B</i> , 2016 , 94,	3.3	3
35	Magnetic Rare-Earth Impurity Resonance Bound States in Iron-Based Superconductors. <i>Journal of Superconductivity and Novel Magnetism</i> , 2011 , 24, 1173-1176	1.5	3
34	Dynamic susceptibility in two-dimensional Hubbard model. <i>Physica B: Condensed Matter</i> , 1997 , 234-236, 792-793	2.8	3
33	Influence of Long-Range Coulomb Interaction and On-Site Hubbard Repulsion on the Formation of d-Wave Copper-Pairing in High-T _c Cuprates. <i>Journal of Superconductivity and Novel Magnetism</i> , 2004 , 17, 421-430		3
32	Electronic Theory for the Magnetic Anisotropy in Sr ₂ RuO ₄ . <i>Journal of Superconductivity and Novel Magnetism</i> , 2002 , 15, 447-450		3
31	Non-local dxy nematicity and the missing electron pocket in FeSe. <i>Npj Quantum Materials</i> , 2021 , 6,	5	3
30	Theory of dynamic spin susceptibility in terms of the t-J-V model: Comparison with neutron scattering data for Pr _{0.88} LaCe _{0.12} CuO ₄ and La _{2-x} Sr _x CuO ₄ . <i>Journal of Experimental and Theoretical Physics</i> , 2009 , 108, 56-67	1	2
29	Feedback Spin Exciton Formation in Unconventional Superconductors. <i>Journal of Superconductivity and Novel Magnetism</i> , 2010 , 23, 729-732	1.5	2
28	Polaron effects on superexchange interaction: Isotope shifts of T _N , T _c , and T* in layered copper oxides. <i>JETP Letters</i> , 2002 , 75, 395-398	1.2	2
27	Meissner currents induced by topological magnetic textures in hybrid superconductor/ferromagnet structures. <i>Physical Review B</i> , 2020 , 102,	3.3	2
26	Spin-orbit coupling, minimal model and potential Cooper-pairing from repulsion in BiS ₂ -superconductors. <i>New Journal of Physics</i> , 2018 , 20, 043029	2.9	2
25	Investigation of magnetic phases in parent compounds of iron-chalcogenides via quasiparticle scattering interference. <i>Europhysics Letters</i> , 2016 , 114, 17001	1.6	1
24	Model of nonadiabatic-to-adiabatic dynamical quantum phase transition in photoexcited systems. <i>Physical Review B</i> , 2014 , 90,	3.3	1
23	Electron-Phonon Interaction and Phonon Renormalization in the Lamellar Cobaltate Na _x CoO ₂ . <i>Journal of Superconductivity and Novel Magnetism</i> , 2009 , 22, 37-40	1.5	1
22	The model of singlet-correlated bands for temperature and doping dependences of Cu(2) Knight shift in bilayered cuprates. <i>Physica B: Condensed Matter</i> , 1997 , 230-232, 952-954	2.8	1
21	On the theory of inelastic neutron scattering in the Pr _{0.88} LaCe _{0.12} CuO ₄ superconductor. <i>JETP Letters</i> , 2007 , 86, 333-336	1.2	1
20	Comment on "Spin dynamics of the electron-doped high-T _c superconducting cuprates". <i>Physical Review Letters</i> , 2006 , 97, 239701; author reply 239702	7.4	1
19	Eremin and Manske Reply. <i>Physical Review Letters</i> , 2007 , 98,	7.4	1

18	Influence of incommensurability on SDW and CDW amplitudes in underdoped cuprates. <i>Physica C: Superconductivity and Its Applications</i> , 2000 , 341-348, 937-938	1.3	1
17	Multi-atom quasiparticle scattering interference for superconductor energy-gap symmetry determination. <i>Npj Quantum Materials</i> , 2021 , 6,	5	1
16	About the relation between the quasiparticle Green's function in cuprates obtained from ARPES data and the magnetic susceptibility. <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 460-462, 939-940	1.3	0
15	Particle-hole asymmetry as a source of phase separation at the metal-insulator transition. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2011 , 44, 395002	2	
14	Feedback effect on spin excitations in Ce-based unconventional superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2010 , 470, S548-S549	1.3	
13	Non-Fermi liquid correction to uniform spin susceptibility of singlet band below T_c . <i>Solid State Communications</i> , 1998 , 105, 293-296	1.6	
12	Resonant spin excitations in high- T_c cuprates: Influence of the pseudogap. <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 460-462, 1133-1134	1.3	
11	Dielectric response function in t -model. <i>Physica B: Condensed Matter</i> , 2006 , 378-380, 441-442	2.8	
10	Spin susceptibility in the superconducting state of cuprates. <i>Physica C: Superconductivity and Its Applications</i> , 2004 , 408-410, 400-401	1.3	
9	Dynamical Charge and Spin Susceptibilities in a Frame of t -J-G Model. <i>Journal of Superconductivity and Novel Magnetism</i> , 2002 , 15, 413-416		
8	Electronic theory for electron- and hole-doped high- T_c superconductors: Cooper pairing due to spin fluctuations. <i>Physica C: Superconductivity and Its Applications</i> , 2001 , 364-365, 5-8	1.3	
7	ELECTRONIC THEORY FOR ELECTRON-DOPED CUPRATE SUPERCONDUCTORS: d-WAVE SUPERCONDUCTIVITY AND THE PHASE DIAGRAM. <i>International Journal of Modern Physics B</i> , 2000 , 14, 3555-3560	1.1	
6	THEORY FOR INELASTIC NEUTRON SCATTERING IN HIGH- T_c SUPERCONDUCTORS: DOPING AND TEMPERATURE DEPENDENCE OF TWO CHARACTERISTIC FREQUENCIES. <i>International Journal of Modern Physics B</i> , 2000 , 14, 3451-3456	1.1	
5	Theory for Key Experiments in Cuprate Superconductors 2005 , 165-176		
4	Dynamical Spin Susceptibility in Singlet-Correlated Band Model 2005 , 177-186		
3	Magnetism and Superconductivity 2021 , 625-655		
2	Itinerant Magnetic Order and Multiorbital Effects in Iron-Based Superconductors. <i>Springer Series in Solid-state Sciences</i> , 2017 , 7-51	0.4	
1	Magnetism and Superconductivity 2021 , 1-31		

