Ilya Eremin

List of Publications by Year in Descending Order

161 papers	4,914 citations	33 h-index	66 g-index
174 ext. papers	5,455 ext. citations	4.3 avg, IF	5.7 L-index

#	Paper	IF	Citations
161	Magnetism and Superconductivity **2021**, 625-655		
160	Electronic theory for scanning tunneling microscopy spectra in infinite-layer nickelate superconductors. *Physical Review B*, **2021**, 104,	3.3	4
159	Non-local dxy nematicity and the missing electron pocket in FeSe. *Npj Quantum Materials*, **2021**, 6,	5	3
158	Magnetism and Superconductivity **2021**, 1-31		
157	Multi-atom quasiparticle scattering interference for superconductor energy-gap symmetry determination. *Npj Quantum Materials*, **2021**, 6,	5	1
156	Superconductivity with broken time-reversal symmetry inside a superconducting s-wave state. *Nature Physics*, **2020**, 16, 789-794	16.2	20
155	Phase-sensitive determination of nodal d-wave order parameter in single-band and multiband superconductors. *Physical Review B*, **2020**, 101,	3.3	3
154	Evidence for an Fulde-Ferrell-Larkin-Ovchinnikov State with Segmented Vortices in the BCS-BEC-Crossover Superconductor FeSe. *Physical Review Letters*, **2020**, 124, 107001	7.4	30
153	Dictionary learning in Fourier-transform scanning tunneling spectroscopy. *Nature Communications*, **2020**, 11, 1081	17.4	4
152	Pairing in the two-dimensional Hubbard model from weak to strong coupling. *Physical Review Research*, **2020**, 2,	3.9	12
151	Meissner currents induced by topological magnetic textures in hybrid superconductor/ferromagnet structures. *Physical Review B*, **2020**, 102,	3.3	2
150	Theory of strain-induced magnetic order and splitting of Tc and TTRSB in Sr2RuO4. *Physical Review B*, **2020**, 102,	3.3	7
149	Phase-dependent spin polarization of Cooper pairs in magnetic Josephson junctions. *Physical Review B*, **2019**, 100,	3.3	7
148	Collective modes in pumped unconventional superconductors with competing ground states. *Physical Review B*, **2019**, 100,	3.3	7
147	Quasiparticle interference and symmetry of superconducting order parameter in strongly electron-doped iron-based superconductors. *New Journal of Physics*, **2019**, 21, 083021	2.9	3
146	Interaction of Skyrmions and Pearl Vortices in Superconductor-Chiral Ferromagnet Heterostructures. *Physical Review Letters*, **2019**, 122, 097001	7.4	20
145	Knight Shift and Leading Superconducting Instability from Spin Fluctuations in Sr_{2}RuO_{4}. *Physical Review Letters*, **2019**, 123, 247001	7.4	18

144	In-plane magnetic penetration depth of superconducting CaKFe4As4. *Physical Review B*, **2018**, 97,	3.3	13
143	Sign reversal of the order parameter in (Li1−xFex)OHFe1−zZnySe. *Nature Physics*, **2018**, 14, 134-139	16.2	48
142	Short-time dynamics in s+is-wave superconductor with incipient bands. *Physical Review B*, **2018**, 98,	3.3	7
141	Fluctuation-induced Néel and Bloch skyrmions at topological insulator surfaces. *Physical Review B*, **2018**, 98,	3.3	4
140	Spin–orbit coupling, minimal model and potential Cooper-pairing from repulsion in BiS2-superconductors. *New Journal of Physics*, **2018**, 20, 043029	2.9	2
139	Surface State Tunneling Signatures in the Two-Component Superconductor UPt_{3}. *Physical Review Letters*, **2017**, 118, 087004	7.4	8
138	Scanning tunnelling spectroscopy as a probe of multi-Q magnetic states of itinerant magnets. *Nature Communications*, **2017**, 8, 14317	17.4	5
137	Electronic properties, low-energy Hamiltonian, and superconducting instabilities in CaKFe4As4. *Physical Review B*, **2017**, 96,	3.3	23
136	Dichotomy between in-plane magnetic susceptibility and resistivity anisotropies in extremely strained BaFeAs. *Nature Communications*, **2017**, 8, 504	17.4	19
135	s+is superconductivity with incipient bands: Doping dependence and STM signatures. *Physical Review B*, **2017**, 96,	3.3	15
134	High-T superconductivity in undoped ThFeAsN. *Nature Communications*, **2017**, 8, 156	17.4	17
133	Spin excitations and the Fermi surface of superconducting FeS. *Npj Quantum Materials*, **2017**, 2,	5	13
132	Itinerant Magnetic Order and Multiorbital Effects in Iron-Based Superconductors. *Springer Series in Solid-state Sciences*, **2017**, 7-51	0.4	
131	Investigation of magnetic phases in parent compounds of iron-chalcogenides via quasiparticle scattering interference. *Europhysics Letters*, **2016**, 114, 17001	1.6	1
130	Superconductivity versus bound-state formation in a two-band superconductor with small Fermi energy: Applications to Fe pnictides/chalcogenides and doped SrTiO3. *Physical Review B*, **2016**, 93,	3.3	47
129	Superconducting phase diagram of itinerant antiferromagnets. *Physical Review B*, **2016**, 93,	3.3	8
128	Quasiparticle interference from different impurities on the surface of pyrochlore iridates: Signatures of the Weyl phase. *Physical Review B*, **2016**, 94,	3.3	3
127	Double-Q spin-density wave in iron arsenide superconductors. *Nature Physics*, **2016**, 12, 493-498	16.2	82

126	Enhancement of the Superconducting Gap by Nesting in CaKFe_{4}As_{4}: A New High Temperature Superconductor. *Physical Review Letters*, **2016**, 117, 277001	7.4	59
125	Anisotropic spin fluctuations in Sr2RuO4: Role of spin-orbit coupling and induced strain. *Physical Review B*, **2016**, 94,	3.3	12
124	Collective magnetic excitations of C4-symmetric magnetic states in iron-based superconductors. *Physical Review B*, **2016**, 94,	3.3	14
123	A high-temperature ferromagnetic topological insulating phase by proximity coupling. *Nature*, **2016** , 533, 513-6	50.4	277
122	Polar Kerr effect from a time-reversal symmetry breaking unidirectional charge density wave. *Physical Review B*, **2015**, 91,	3.3	7
121	Doping asymmetry of superconductivity coexisting with antiferromagnetism in spin fluctuation theory. *New Journal of Physics*, **2015**, 17, 023022	2.9	7
120	Robust determination of the superconducting gap sign structure via quasiparticle interference. *Physical Review B*, **2015**, 92,	3.3	53
119	Higgs mechanism, phase transitions, and anomalous Hall effect in three-dimensional topological superconductors. *Physical Review B*, **2015**, 92,	3.3	4
118	Mutual Independence of Critical Temperature and Superfluid Density under Pressure in Optimally Electron-Doped Superconducting LaFeAsO(1-x)F(x). *Physical Review Letters*, **2015**, 114, 247004	7.4	17
117	Pairing symmetry of the one-band Hubbard model in the paramagnetic weak-coupling limit: A numerical RPA study. *Physical Review B*, **2015**, 92,	3.3	31
116	Pressure-induced electronic phase separation of magnetism and superconductivity in CrAs. *Scientific Reports*, **2015**, 5, 13788	4.9	34
115	Spin reorientation driven by the interplay between spin-orbit coupling and Hund's rule coupling in iron pnictides. *Physical Review B*, **2015**, 92,	3.3	42
114	Superconductivity from repulsion in LiFeAs: Novel s-wave symmetry and potential time-reversal symmetry breaking. *Physical Review B*, **2014**, 89,	3.3	51
113	Magnetically driven suppression of nematic order in an iron-based superconductor. *Nature Communications*, **2014**, 5, 3845	17.4	133
112	Thermal screening at finite chemical potential on a topological surface and its interplay with proximity-induced ferromagnetism. *Physical Review B*, **2014**, 90,	3.3	5
111	Model of nonadiabatic-to-adiabatic dynamical quantum phase transition in photoexcited systems. *Physical Review B*, **2014**, 90,	3.3	1
110	Antiferromagnetism in Iron-Based Superconductors: Selection of Magnetic Order and Quasiparticle Interference. *Journal of the Physical Society of Japan*, **2014**, 83, 061015	1.5	10
109	Anisotropic softening of magnetic excitations along the nodal direction in superconducting cuprates. *Nature Communications*, **2014**, 5, 5760	17.4	44

108	Ultrafast Modulation of the Chemical Potential in BaFe2As2 by Coherent Phonons. *Physical Review Letters*, **2014**, 112,	7.4	45
107	Spin-Orbit Coupling in Fe-Based Superconductors. *Journal of Superconductivity and Novel Magnetism*, **2013**, 26, 2873-2874	1.5	15
106	Three-orbital Model for Fe-Pnictides. *Journal of Superconductivity and Novel Magnetism*, **2013**, 26, 2665-2668	1.5	5
105	Semimetal-insulator transition on the surface of a topological insulator with in-plane magnetization. *Physical Review B*, **2013**, 88,	3.3	9
104	Theory of nonequilibrium dynamics of multiband superconductors. *Europhysics Letters*, **2013**, 101, 17002	1.6	25
103	Evolution of the multiband Ruderman–Kittel–Kasuya–Yosida interaction: application to iron pnictides and chalcogenides. *New Journal of Physics*, **2013**, 15, 033034	2.9	15
102	Dual features of magnetic susceptibility in superconducting cuprates: a comparison to inelastic neutron scattering. *European Physical Journal B*, **2012**, 85, 1	1.2	17
101	Spin excitations in layered antiferromagnetic metals and superconductors. *Physical Review B*, **2012**, 86,	3.3	15
100	Incommensurate magnetic fluctuations and Fermi surface topology in LiFeAs. *Physical Review B*, **2012**, 86,	3.3	25
99	Fluctuation-induced magnetization dynamics and criticality at the interface of a topological insulator with a magnetically ordered layer. *Physical Review Letters*, **2012**, 109, 237203	7.4	17
98	Preemptive nematic order, pseudogap, and orbital order in the iron pnictides. *Physical Review B*, **2012**, 85,	3.3	294
97	Strong-coupling topological Josephson effect in quantum wires. *Journal of Physics Condensed Matter*, **2012**, 24, 325701, 1-10	1.8	10
96	Multiorbital spin susceptibility in a magnetically ordered state: Orbital versus excitonic spin density wave scenario. *Physical Review B*, **2011**, 83,	3.3	29
95	Particle–hole asymmetry as a source of phase separation at the metal–insulator transition. *Journal of Physics A: Mathematical and Theoretical*, **2011**, 44, 395002	2	
94	Magnetic Rare-Earth Impurity Resonance Bound States in Iron-Based Superconductors. *Journal of Superconductivity and Novel Magnetism*, **2011**, 24, 1173-1176	1.5	3
93	Magnetic resonance from the interplay of frustration and superconductivity. *Physical Review B*, **2011**, 84,	3.3	18
92	Quasiparticle interference in the heavy-fermion superconductor CeCoIn5. *Physical Review B*, **2011**, 84,	3.3	27
91	Effect of Fermi surface nesting on resonant spin excitations in Ba(1-x)K(x)Fe2As2. *Physical Review Letters*, **2011**, 107, 177003	7.4	62

90	Effect of nodes, ellipticity, and impurities on the spin resonance in iron-based superconductors. *Physical Review B*, **2011**, 84,	3.3	16
89	RKKY interaction in the spin-density-wave phase of iron-based superconductors. *Physical Review B*, **2011**, 84,	3.3	25
88	Quasiparticle interference in the spin-density wave phase of iron-based superconductors. *Physical Review Letters*, **2010**, 104, 257001	7.4	42
87	Angle-resolved specific heat in iron-based superconductors: The case for a nodeless extended s-wave gap. *Physical Review B*, **2010**, 82,	3.3	17
86	Pair breaking by nonmagnetic impurities in the noncentrosymmetric superconductor CePt3Si. *Physical Review B*, **2010**, 81,	3.3	11
85	Magnetic impurity resonance states and symmetry of the superconducting order parameter in iron-based superconductors. *Physical Review B*, **2010**, 81,	3.3	24
84	Interplay of magnetic and structural transitions in iron-based pnictide superconductors. *Physical Review B*, **2010**, 82,	3.3	91
83	Quasiparticle interference in iron-based superconductors. *Physical Review B*, **2010**, 82,	3.3	33
82	Theory of multiband superconductivity in spin-density-wave metals. *Physical Review Letters*, **2010**, 105, 037003	7.4	12
81	Magnetic degeneracy and hidden metallicity of the spin-density-wave state in ferropnictides. *Physical Review B*, **2010**, 81,	3.3	142
80	Unusual disorder effects in superconducting LaFeAs1□0.9F0.1 as revealed by A75s NMR spectroscopy. *Physical Review B*, **2010**, 81,	3.3	23
79	Theory of itinerant magnetic excitations in the spin-density-wave phase of iron-based superconductors. *Physical Review B*, **2010**, 81,	3.3	91
78	Incommensurate itinerant antiferromagnetic excitations and spin resonance in the FeTe0.6Se0.4 superconductor. *Physical Review B*, **2010**, 81,	3.3	77
77	Self-energy effects and electron-phonon coupling in Fe-As superconductors. *Journal of Physics Condensed Matter*, **2010**, 22, 115802	1.8	25
76	Feedback Spin Exciton Formation in Unconventional Superconductors. *Journal of Superconductivity and Novel Magnetism*, **2010**, 23, 729-732	1.5	2
75	Feedback effect on spin excitations in Ce-based unconventional superconductors. *Physica C: Superconductivity and Its Applications*, **2010**, 470, S548-S549	1.3	
74	Theory of Raman response of a superconductor with extended s-wave symmetry: Application to the iron pnictides. *Physical Review B*, **2009**, 79,	3.3	32
73	Theory of the bound state of 4f excitations and magnetic resonance in unconventional superconductors. *Physical Review B*, **2009**, 80,	3.3	7

72	Nonanalytic spin susceptibility of a Fermi liquid: the case of Fe-based pnictides. *Physical Review Letters*, **2009**, 102, 236403	7.4	38
71	Electron□Phonon Interaction and Phonon Renormalization in the Lamellar Cobaltate Na x CoO2. *Journal of Superconductivity and Novel Magnetism*, **2009**, 22, 37-40	1.5	1
70	Theory of dynamic spin susceptibility in terms of the t-J-V model: Comparison with neutron scattering data for Pr0.88LaCe0.12CuO4 □k and La2 □k Sr x CuO4. *Journal of Experimental and Theoretical Physics*, **2009**, 108, 56-67	1	2
69	Specific features of spin, charge, and orbital ordering in cobaltites. *Physics-Uspekhi*, **2009**, 52, 789-810	2.8	99
68	Cooper-pair formation by anharmonic rattling modes in the □pyrochlore superconductor KOs2O6. *New Journal of Physics*, **2009**, 11, 055068	2.9	22
67	Magnetism, superconductivity, and pairing symmetry in iron-based superconductors. *Physical Review B*, **2008**, 78,	3.3	599
66	Commensurate spin density wave in LaFeAsO: a local probe study. *Physical Review Letters*, **2008**, 101, 077005	7.4	258
65	Electron-phonon interaction in the lamellar cobaltate NaxCoO2. *Physical Review B*, **2008**, 77,	3.3	9
64	Impurity resonance states in noncentrosymmetric superconductor CePt3Si: A probe for Cooper-pairing symmetry. *Physical Review B*, **2008**, 78,	3.3	27
63	Magnetic susceptibility of YbRh2Si2and YbIr2Si2on the basis of a localized 4f electron approach. *Journal of Physics Condensed Matter*, **2008**, 20, 455208	1.8	19
62	Doping evolution of itinerant magnetic fluctuations in Fe-based pnictides. *Europhysics Letters*, **2008** , 83, 67003	1.6	24
61	Local-moment fluctuations in the optimally doped high-Tc superconductor YBa2Cu3O6.95. *Physical Review B*, **2008**, 78,	3.3	29
60	Strong-coupling theory of the universal linear temperature dependence of the nodal Fermi velocity in layered cuprates. *Physical Review B*, **2008**, 78,	3.3	4
59	Signature of the nonmonotonic d-wave gap in electron-doped cuprates. *Physical Review B*, **2008**, 77,	3.3	12
58	Dynamical magnetic susceptibility in the lamellar cobaltate superconductor NaxCoO2?yH2O. *Physical Review B*, **2008**, 77,	3.3	8
57	Feedback spin resonance in superconducting CeCu2Si2 and CeCoIn5. *Physical Review Letters*, **2008**, 101, 187001	7.4	71
56	Multipolar Order and Superconductivity in f-Electron Compounds. *Journal of the Physical Society of Japan*, **2008**, 77, 43-47	1.5	7
55	Theory of magnetic excitations in iron-based layered superconductors. *Physical Review B*, **2008**, 78,	3.3	269

54	Dynamic spin susceptibility of hole-doped high-temperature superconductors in a singlet-correlated conduction band model. *Journal of Experimental and Theoretical Physics*, **2008**, 106, 752-764	1	10
53	Spin susceptibility in bilayered cuprates: Resonant magnetic excitations. *Physical Review B*, **2007**, 75,	3.3	11
52	Resonant spin excitations in high-Tc cuprates: Influence of the pseudogap. *Physica C: Superconductivity and Its Applications*, **2007**, 460-462, 1133-1134	1.3	
51	About the relation between the quasiparticle Green function in cuprates obtained from ARPES data and the magnetic susceptibility. *Physica C: Superconductivity and Its Applications*, **2007**, 460-462, 939-940	1.3	0
50	Electronic theory for itinerant in-plane magnetic fluctuations in Na x CoO2. *JETP Letters*, **2007**, 84, 650-655	1.2	10
49	On the theory of inelastic neutron scattering in the Pr0.88LaCe0.12CuO4 superconductor. *JETP Letters*, **2007**, 86, 333-336	1.2	1
48	Spin dynamics of itinerant holes in HTSC cuprates: the singlet-correlated band model and its applications. *Journal of Physics Condensed Matter*, **2007**, 19, 116209	1.8	5
47	Theory of magnetic excitons in the heavy-fermion superconductor UPd2Al3. *Physical Review B*, **2007**, 75,	3.3	27
46	Relation between the one-particle spectral function and dynamic spin susceptibility of superconducting Bi2Sr2CaCu2O8 *Physical Review B*, **2007**, 75,	3.3	27
45	Magnetic resonance in the spin excitation spectrum of electron-doped cuprate superconductors. *Physical Review Letters*, **2007**, 99, 047005	7.4	29
44	Eliashberg theory of superconductivity and inelastic rare-earth impurity scattering in the filled skutterudite La1 PrxOs4Sb12. *Physical Review B*, **2007**, 76,	3.3	23
43	Eremin and Manske Reply:. *Physical Review Letters*, **2007**, 98,	7.4	1
42	Itinerant in-plane magnetic fluctuations and many-body correlations in NaxCoO2. *Physical Review B*, **2007**, 75,	3.3	28
41	Dynamical spin susceptibility and the resonance peak in the pseudogap region of the underdoped cuprate superconductors. *Physical Review B*, **2006**, 73,	3.3	12
40	Comment on "Spin dynamics of the electron-doped high-Tc superconducting cuprates". *Physical Review Letters*, **2006**, 97, 239701; author reply 239702	7.4	1
39	Spin and charge Josephson effects between nonuniform superconductors with coexisting helimagnetic order. *Physical Review B*, **2006**, 73,	3.3	24
38	Magnetic field dependence of the superconducting gap node topology in noncentrosymmetric CePt3Si. *Physical Review B*, **2006**, 74,	3.3	12
37	Spin excitations in layered cuprates: a Fermi-liquid approach. *Low Temperature Physics*, **2006**, 32, 519-532	0.7	5

36	On interlay between the magnetic susceptibilities of localized and itinerant electrons in hole-doped HTSCs. *JETP Letters*, **2006**, 84, 167-170	1.2	6
35	Dielectric response function in □model. *Physica B: Condensed Matter*, **2006**, 378-380, 441-442	2.8	
34	Novel neutron resonance mode in dx2-y2-wave superconductors. *Physical Review Letters*, **2005**, 94, 147001	7.4	106
33	Fermi-liquid-based theory for the in-plane magnetic anisotropy in untwinned high-Tc superconductors. *Physical Review Letters*, **2005**, 94, 067006	7.4	26
32	Theory for Key Experiments in Cuprate Superconductors **2005**, 165-176		
31	Dynamical Spin Susceptibility in Singlet-Correlated Band Model **2005**, 177-186		
30	Possible isotope effect on the resonance peak formation in high-Tc cuprates. *Physical Review B*, **2004**, 69,	3.3	17
29	Influence of Long-Range Coulomb Interaction and On-Site Hubbard Repulsion on the Formation of d-Wave Copper-Pairing in High-T c Cuprates. *Journal of Superconductivity and Novel Magnetism*, **2004**, 17, 421-430		3
28	Spin susceptibility in the superconducting state of cuprates. *Physica C: Superconductivity and Its Applications*, **2004**, 408-410, 400-401	1.3	
27	Formation of magnetic moments in the cuprate superconductor Hg0.8Cu0.2Ba2Ca2Cu3O8+□ below Tc seen by NQR. *Physica C: Superconductivity and Its Applications*, **2004**, 406, 27-36	1.3	6
26	Effective parameters of the band dispersion in n-type high-Tc superconductors. *Physica C: Superconductivity and Its Applications*, **2004**, 402, 365-370	1.3	8
25	Unconventional superconductivity and magnetism in Sr2RuO4 and related materials. *Annalen Der Physik*, **2004**, 13, 149-174	2.6	33
24	Renormalization of the elementary excitations in hole- and electron-doped cuprates due to spin fluctuations. *Physical Review B*, **2003**, 67,	3.3	45
23	Polaron effects on superexchange interaction: Isotope shifts of T N , T c , and T* in layered copper oxides. *JETP Letters*, **2002**, 75, 395-398	1.2	2
22	Dynamical Charge and Spin Susceptibilities in a Frame of t-J-G Model. *Journal of Superconductivity and Novel Magnetism*, **2002**, 15, 413-416		
21	Electronic Theory for the Magnetic Anisotropy in Sr2RuO4. *Journal of Superconductivity and Novel Magnetism*, **2002**, 15, 447-450		3
20	Electronic theory for the normal-state spin dynamics in Sr2RuO4: Anisotropy due to spin-orbit coupling. *Physical Review B*, **2002**, 65,	3.3	42
19	Theory for phonon-induced superconductivity in MgB2. *Physical Review B*, **2002**, 65,	3.3	13

18	Electronic theory for superconductivity in Sr 2 RuO 4 : Triplet pairing due to spin-fluctuation exchange. *Europhysics Letters*, **2002**, 58, 871-877	1.6	25
17	Network patterns and strength of orbital currents in layered cuprates. *Physical Review B*, **2002**, 66,	3.3	7
16	Electronic theory for electron- and hole-doped high-Tc superconductors: Cooper pairing due to spin fluctuations. *Physica C: Superconductivity and Its Applications*, **2001**, 364-365, 5-8	1.3	
15	Theory for electron- and hole-doped cuprate superconductors: d -wave symmetry order parameter. *Europhysics Letters*, **2001**, 53, 371-377	1.6	7
14	Analysis of the elementary excitations in high-T(c) cuprates: explanation of the new energy scale observed by angle-resolved photoemission spectroscopy. *Physical Review Letters*, **2001**, 87, 177005	7.4	42
13	Large magnetoresistance and critical spin fluctuations in GdI2. *Physical Review B*, **2001**, 64,	3.3	19
12	Analysis of the resonance peak and magnetic coherence seen in inelastic neutron scattering of cuprate superconductors: A consistent picture with tunneling and conductivity data. *Physical Review B*, **2001**, 63,	3.3	69
11	Influence of incommensurability on SDW and CDW amplitudes in underdoped cuprates. *Physica C: Superconductivity and Its Applications*, **2000**, 341-348, 937-938	1.3	1
10	Magnitude of spin and charge density wave amplitudes in underdoped cuprates. *Applied Magnetic Resonance*, **2000**, 19, 355-362	0.8	6
9	ELECTRONIC THEORY FOR ELECTRON-DOPED CUPRATE SUPERCONDUCTORS: d-WAVE SUPERCONDUCTIVITY AND THE PHASE DIAGRAM. *International Journal of Modern Physics B*, **2000**, 14, 3555-3560	1.1	
8	Theory for electron-doped cuprate superconductors: d-wave symmetry order parameter. *Physical Review B*, **2000**, 62, 13922-13925	3.3	53
7	THEORY FOR INELASTIC NEUTRON SCATTERING IN HIGH-Tc SUPERCONDUCTORS: DOPING AND TEMPERATURE DEPENDENCE OF TWO CHARACTERISTIC FREQUENCIES. *International Journal of Modern Physics B*, **2000**, 14, 3451-3456	1.1	
6	Non-Fermi liquid correction to uniform spin susceptibility of singlet band below Tc. *Solid State Communications*, **1998**, 105, 293-296	1.6	
5	Spin susceptibility and pseudogap in YBa2Cu4O8: An approach via a charge-density-wave instability. *Physical Review B*, **1997**, 56, 11305-11311	3.3	44
4	Theory of the pseudogap in the elementary excitation spectrum of the normal phase of bilayer cuprates. *JETP Letters*, **1997**, 66, 569-574	1.2	16
3	CDW as a possible reason for the pseudogap in the normal state of high-T c cuprates. *Journal of Superconductivity and Novel Magnetism*, **1997**, 10, 459-460		10
2	The model of singlet-correlated bands for temperature and doping dependences of Cu(2) Knight shift in bilayered cuprates. *Physica B: Condensed Matter*, **1997**, 230-232, 952-954	2.8	1
1	Dynamic susceptibility in two-dimensional Hubbard model. *Physica B: Condensed Matter*, **1997**, 234-236, 792-793	2.8	3