

Rustem Khasanov

List of Publications by Year in descending order

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all docs

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docs citations

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times ranked

5571
citing authors

#	ARTICLE	IF	CITATIONS
1	Time-reversal symmetry-breaking charge order in a kagome superconductor. Nature, 2022, 602, 245-250.	13.7	207
2	Optical Setup for a Piston-Cylinder Pressure Cell: A Two-Volume Approach. Physical Review Applied, 2022, 17, .	1.5	2
3	Three-wall piston-cylinder type pressure cell for muon-spin rotation/relaxation experiments. High Pressure Research, 2022, 42, 29-46.	0.4	2
4	Microscopic evidence for anisotropic multigap superconductivity in the CsV ₃ Sb ₅ kagome superconductor. Npj Quantum Materials, 2022, 7, .	1.8	41
5	Magnetic correlations in infinite-layer nickelates: An experimental and theoretical multimethod study. Physical Review Research, 2022, 4, .	1.3	25
6	Low-temperature magnetic crossover in the topological kagome magnet TbMn ₆ Sn ₆ . Communications Physics, 2022, 5, .	2.0	12
7	Spin-liquid signatures in the quantum critical regime of pressurized CePdAl. Physical Review B, 2022, 105, .	1.1	7
8	Time-reversal symmetry broken by charge order in CsV_3Sb_5 . Physical Review Research, 2022, 4, .	1.3	48
9	Formation of short-range magnetic order and avoided ferromagnetic quantum criticality in pressurized LaCrGe . Physical Review B, 2021, 103, .	1.1	21
10	Anomalous gap ratio in anisotropic superconductors: Aluminum under pressure. Physical Review B, 2021, 103, .	1.1	7
11	Nodeless kagome superconductivity in LaRu_3Mn_7 . Physical Review Materials, 2021, 5, .	1.9	17
12	Pressure dependence of ferromagnetic phase boundary in BaVSe ₃ studied with high-pressure $\hat{I}^{1/4}$ +SR. Physical Review B, 2021, 103, .	1.1	7
13	Multiple quantum phase transitions of different nature in the topological kagome magnet $\text{Co}_3\text{Sn}_2\hat{\alpha}^{\text{xx}}\text{In}_x\text{S}_2$. Npj Quantum Materials, 2021, 6, .	1.8	16
14	Gap symmetry of the noncentrosymmetric superconductor $\text{W}_3\text{C}_6\text{Al}_6$. Physical Review B, 2021, 103, .	1.1	6
15	Unsplit superconducting and time reversal symmetry breaking transitions in Sr ₂ RuO ₄ under hydrostatic pressure and disorder. Nature Communications, 2021, 12, 3920.	5.8	47
16	Two-gap to single-gap superconducting transition on a honeycomb lattice in CaRu_2 . Physical Review Research, 2021, 3, .	1.9	5
17	Isotropic single-gap superconductivity of elemental Pb. Physical Review B, 2021, 104, .	1.1	3
18	Pressure dependence of the superconducting and magnetic transition temperatures in Sr_2RuO_4 . Physical Review B, 2021, 104, .	1.1	1

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19	Pressure-induced ferromagnetism in the topological semimetal EuCd_2As_2 . Physical Review B, 2021, 104, .		
20	Unconventional Pressure Dependence of the Superfluid Density in the Nodeless Topological Superconductor LaFePO_4 . Physical Review Letters, 2021, 127, 217002.	2.9	5
21	Pressure-induced magnetism in the iron-based superconductors $\text{FeTe}_{1-x}\text{Se}_x$ ($0 < x < 1$). Physical Review B, 2021, 104, .		
22	Single-gap versus two-gap scenario: Specific heat and thermodynamic critical field of the noncentrosymmetric superconductor BeAu . Physical Review B, 2020, 102, .	1.1	15
23	Isotropic s -wave superconductivity in the noncentrosymmetric charge density wave superconductor SrPt_2S_2 . Physical Review B, 2020, 102, .	1.1	4
24	Magnetism and its coexistence with superconductivity in $\text{CaK}_2\text{Fe}_4\text{As}_8$. Physical Review B, 2020, 102, .	1.1	4
25	Suppression of the s -Wave Order Parameter Near the Surface of the Infinite-Layer Electron-Doped Cuprate Superconductor $\text{Sr}_0.9\text{La}_0.1\text{CuO}_2$. Condensed Matter, 2020, 5, 50.	0.8	4
26	Pressure Induced Topological Quantum Phase Transition in Weyl Semimetal Td-MoTe_2 . Journal of the Physical Society of Japan, 2020, 89, 094707.	0.7	4
27	Magnetic phase boundary of BaVS_3 clarified with high-pressure ^{51}V NMR. Physical Review B, 2020, 102, .	1.1	8
28	Magnetism driven by strong electronic correlations in the heavily carrier-doped iron oxypnictide $\text{LaFeAsO}_{1-x}\text{H}_x$. Physical Review B, 2020, 101, .	1.1	5
29	Exceedingly small moment itinerant ferromagnetism of single crystalline $\text{La}_5\text{Ni}_2\text{S}_8$. Physical Review B, 2020, 102, .		
30	Conventional isotropic s -wave superconductivity with strong electron-phonon coupling in ScSc_5Rh_6 . Physical Review B, 2020, 102, .	1.1	10
31	Structural phases of elemental Ga: Universal relations in conventional superconductors. Physical Review B, 2020, 101, .	1.1	7
32	Pressure-induced antiferromagnetic dome in the heavy-fermion $\text{Yb}_2\text{Co}_2\text{Si}_2$ system. Physical Review B, 2020, 101, .		
33	Self-Consistent Two-Gap Approach in Studying Multi-Band Superconductivity of $\text{NdFeAsO}_{0.65}\text{F}_{0.35}$. Frontiers in Physics, 2020, 8, .	1.0	6
34	Tunable anomalous Hall conductivity through volume-wise magnetic competition in a topological kagome magnet. Nature Communications, 2020, 11, 559.	5.8	112
35	A Muon Spectroscopic and Computational Study of the Microscopic Electronic Structure in Thermoelectric Hybrid Silicon Nanostructures. Journal of Physical Chemistry C, 2020, 124, 9656-9664.	1.5	4
36	Multigap superconductivity in the Mo_5P_2 boron phosphorus compound. New Journal of Physics, 2020, 22, 093016.	1.2	10

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37	Multiple-gap response of type-I noncentrosymmetric BeAu superconductor. Physical Review Research, 2020, 2, .	1.3	16
38	Extended Magnetic Dome Induced by Low Pressures in Superconducting FeSe . Physical Review Letters, 2019, 123, 147001.	1.1	15
39	Nodeless superconductivity and its evolution with pressure in the layered dirac semimetal 2M-WS ₂ . Npj Quantum Materials, 2019, 4, .	1.8	20
40	Muon spin rotation study of type-I superconductivity: Elemental Sn . Physical Review B, 2019, 99, .	1.1	15
41	Superconducting nature of the Bi-II phase of elemental bismuth. Physical Review B, 2019, 99, .	1.1	13
42	Anisotropy induced vortex lattice rearrangement in CaKFeAsF . Physical Review B, 2019, 99, .	1.1	4
43	To the Intrinsic Magnetism of the Bi ₁₀₈ Sn _{0.02} Sb _{0.9} Te ₂ S Topological Insulator. JETP Letters, 2019, 109, 465-471.	0.4	7
44	Magnetic phase diagram of K ₂ Cr ₈ O ₁₆ clarified by high-pressure muon spin spectroscopy. Scientific Reports, 2019, 9, 1141.	1.6	15
45	Robust block magnetism in the spin ladder compound BaFe_2As_2 under hydrostatic pressure. Physical Review B, 2019, 100, .	1.3	13
46	Unconventional scaling of the superfluid density with the critical temperature in transition metal dichalcogenides. Science Advances, 2019, 5, eaav8465.	4.7	20
47	Probing the quantum phase transition in Mott insulator BaCoS_2 tuned by pressure and Ni substitution. Physical Review Materials, 2019, 3, .	1.0	0
48	In-plane magnetic penetration depth of superconducting CaKFeAsF . Physical Review B, 2018, 97, .	1.1	4
49	Pressure effects on the electronic properties of the undoped superconductor ThFeAsN. Physical Review B, 2018, 97, .	1.1	8
50	Effect of the external pressure at the crossover between magnetism and superconductivity in LnFeAsO _{1-x} F _x (Ln = La, Ce) superconductors. International Journal of Modern Physics B, 2018, 32, 1840018.	1.0	0
51	Local magnetic moments in the topological insulators. Journal of Magnetism and Magnetic Materials, 2018, 459, 290-294.	1.0	4
52	Evidence of nodal gap structure in the basal plane of the FeSe superconductor. Physical Review B, 2018, 98, .	1.1	18
53	Gradual enhancement of stripe-type antiferromagnetism in the spin-ladder material BaFe_2As_2 under pressure. Physical Review B, 2018, 98, .	1.1	19
54	μ SR Study of K ₂ Cr ₈ O ₁₆ Under Hydrostatic Pressure. , 2018, , .		1

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55	Magnetism in semiconducting molybdenum dichalcogenides. <i>Science Advances</i> , 2018, 4, eaat3672.	4.7	92
56	Superconductivity of Bi-III phase of elemental bismuth: Insights from muon-spin rotation and density functional theory. <i>Physical Review B</i> , 2018, 98, .	1.1	12
57	Chemical and hydrostatic-pressure effects on the Kitaev honeycomb material $\text{Na}_2\text{Ir}_2\text{O}_7$. <i>Physical Review B</i> , 2018, 98, .	1.1	19
58	Nodal-to-nodeless superconducting order parameter in $\text{LaFeAs}_{1-x}\text{P}_x\text{O}$ synthesized under high pressure. <i>Npj Quantum Materials</i> , 2018, 3, .	1.8	5
59	Magnetic tricritical point and nematicity in FeSe under pressure. <i>Physical Review B</i> , 2018, 97, .	1.1	13
60	Breakdown of Magnetic Order in the Pressurized Kitaev Iridate $\text{Li}_2\text{Ir}_2\text{O}_7$. <i>Physical Review Letters</i> , 2018, 120, 237202.	2.9	57
61	Isotope Effect on the Transition Temperature T_c in Fe-Based Superconductors: The Current Status. <i>Springer Series in Materials Science</i> , 2017, , 151-164.	0.4	1
62	Magnetic states of MnP: muon-spin rotation studies. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 164003.	0.7	11
63	Ground state selection under pressure in the quantum pyrochlore magnet $\text{Yb}_2\text{Ti}_2\text{O}_7$. <i>Nature Communications</i> , 2017, 8, 14810.	5.8	21
64	Signatures of the topological s -wave superconducting order parameter in the type-II Weyl semimetal Td-MoTe_2 . <i>Nature Communications</i> , 2017, 8, 1082.	5.8	101
65	Two-gap superconductivity in $\text{Mo}_8\text{Ga}_4\text{S}_{12}$ and its evolution upon vanadium substitution. <i>Physical Review B</i> , 2017, 96, .	1.1	24
66	Restoration of quantum critical behavior by disorder in pressure-tuned $(\text{Mn,Fe})\text{Si}$. <i>Npj Quantum Materials</i> , 2017, 2, .	1.8	22
67	Complementary Response of Static Spin-Stripe Order and Superconductivity to Nonmagnetic Impurities in Cuprates. <i>Physical Review Letters</i> , 2017, 119, 087002.	2.9	8
68	Pressure tuning of structure, superconductivity, and novel magnetic order in the Ce-underdoped electron-doped cuprate $\text{Ce}_{1-x}\text{Pr}_x\text{Cu}_2\text{O}_{10}$. <i>Physical Review B</i> , 2017, 96, .	1.1	6
69	Pressure-induced magnetic order in FeSe: A muon spin rotation study. <i>Physical Review B</i> , 2017, 95, .	1.1	19
70	A low-background piston-cylinder-type hybrid high pressure cell for muon-spin rotation/relaxation experiments. <i>High Pressure Research</i> , 2017, 37, 449-464.	0.4	27
71	An exploration of some magnetic fundamentals in EuSe using ^151Eu SR. <i>AIP Advances</i> , 2016, 6, .	0.6	1
72	Cooperative coupling of static magnetism and bulk superconductivity in the stripe phase of $\text{La}_{1-x}\text{Pr}_x\text{Cu}_2\text{O}_{10}$: Pressure- and doping-dependent studies. <i>Physical Review B</i> , 2016, 94, .	1.1	10

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73	Volume-wise destruction of the antiferromagnetic Mott insulating state through quantum tuning. Nature Communications, 2016, 7, 12519.	5.8	36
74	Ferromagnetic Quantum Critical Point Avoided by the Appearance of Another Magnetic Phase in LaCrGe . Pressure. Physical Review Letters, 2016, 117, 037207.	2.9	47
75	Coexistence of low-moment magnetism and superconductivity in tetragonal FeS and suppression of T_c with pressure. Physical Review B, 2016, 93, .	1.1	30
76	High-pressure magnetic state of MnP probed by means of muon-spin rotation. Physical Review B, 2016, 93, .	1.1	24
77	Magnetic ordering in the ultrapure site-diluted spin chain materials $\text{SrCu}_2\text{Ni}_x\text{O}_2$. Physical Review B, 2016, 93, .	1.1	7
78	Probing the pairing symmetry in the over-doped Fe-based superconductor BaFe_2As_2 as a function of hydrostatic pressure. Physical Review B, 2016, 93, .	1.1	11
79	Proximity-induced superconductivity within the insulating La_2CuO_4 .	1.0	78

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91	Probing the multi gap behavior within $\tilde{11}$ and $\tilde{122}$ families of iron based superconductors: the muon-spin rotation studies. Superconductor Science and Technology, 2015, 28, 034003.	1.8	15
92	Effect of external pressure on the magnetic properties of R CoAsO (R =La, Pr, Sm): a $\frac{1}{4}$ SR study. Journal of Physics and Chemistry of Solids, 2015, 84, 63-69.	1.9	1
93	Direct evidence for a pressure-induced nodal superconducting gap in the Ba _{0.65} Rb _{0.35} Fe ₂ As ₂ superconductor. Nature Communications, 2015, 6, 8863.	5.8	36
94	Negative Oxygen Isotope Effect on the Static Spin Stripe Order in Superconducting $\text{La}_{1-x}\text{Sr}_x\text{FeAsO}$. Physical Review Letters, 2014, 113, 057002.	2.9	13
95	Magnetic field dependence of the basal-plane superconducting anisotropy in YBa ₂ Cu ₄ O ₈ from small-angle neutron scattering measurements of the vortex lattice. Physical Review B, 2014, 89, .	1.1	8
96	Superconducting and magnetic properties of $\text{Sr}_{1-x}\text{Ca}_x\text{FeAsO}$. Physical Review B, 2014, 90, .	2.1	29
97	SrPt_3P : A two-band single-gap superconductor. Physical Review B, 2014, 90, .	1.1	29
98	Pressure-Induced Quantum Critical and Multicritical Points in a Frustrated Spin Liquid. Physical Review Letters, 2014, 112, .	2.9	21
99	Magnetic field distribution and characteristic fields of the vortex lattice for a clean superconducting niobium sample in an external field applied along a three-fold axis. Physical Review B, 2014, 89, .	1.1	5
100	Low-temperature magnetic fluctuations in the Kondo insulator SmB_6 . Physical Review B, 2014, 89, .	1.1	27
101	Superconductivity in a new layered bismuth oxyselenide: $\text{LaO}_{0.5}\text{F}_{0.5}\text{BiSe}_2$. Journal of Physics Condensed Matter, 2014, 26, 215702.	0.7	62
102	Pressure Effects in the Iron Chalcogenides. Journal of Superconductivity and Novel Magnetism, 2014, 27, 965-968.	0.8	14
103	Superconducting properties of $\text{Ca}_3\text{Ir}_4\text{Sn}_{13}$: a $\frac{1}{4}$ SR study. Journal of Physics: Conference Series, 2014, 551, 012029.	0.3	6
104	Presence of paramagnetism in HoCo_2 under hydrostatic pressure. Journal of Physics: Conference Series, 2014, 500, 182041.	0.3	0
105	Photoemission and muon spin relaxation spectroscopy of the iron-based $\text{Rb}_{0.77}\text{FeSe}$.	1.1	40
106	Pressure-induced ferromagnetism in antiferromagnetic $\text{Fe}_{1.61}\text{Se}$.	1.1	20
107	Two-Dimensional Superfluid Density in an Alkali Metal-Organic Solvent Intercalated Iron Selenide Superconductor LiMo_2Tc .	1.1	27
108	LiMo_2Tc .	2.9	20

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109	Tuning the static spin-stripe phase and superconductivity in $\text{La}_{2-x}\text{Ba}_x\text{CuO}_4$ ($x = 1/8$) by hydrostatic pressure. <i>New Journal of Physics</i> , 2013, 15, 093005.	1.2	20
110	Low superfluid density and possible multigap superconductivity in the layered superconductor BiS_2 http://www.w3.org/1998/Math/MathML BiS_4 http://www.w3.org/1998/Math/MathML	1.1	33

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127	Synthesis and crystal growth of $\text{Cs}_{0.8}(\text{FeSe}_{0.98})_2$: a new iron-based superconductor with $T_c = 27$ K. Journal of Physics Condensed Matter, 2011, 23, 052203.	0.7	272
128	Coexistence of Magnetism and Superconductivity in the Iron-Based Compound $\text{Cs}_{0.8}(\text{FeSe}_{0.98})_2$. Physical Review Letters, 2011, 106, 117602.	2.9	163
129	Vortex Excitations Above T_c in the Cuprate Superconductor $\text{Bi}_2\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_{10}$ as Revealed by ESR. Applied Magnetic Resonance, 2011, 40, 37-46.	0.6	1
130	Tuning of competing magnetic and superconducting phase volumes in $\text{LaFeAsO}_{1-x}\text{F}_x$ by hydrostatic pressure. Physical Review Letters, 2011, 106, 117602.	1.1	37
131	Muon-spin rotation measurements of the magnetic penetration depth in the iron-based superconductor $\text{Ba}_{1-x}\text{Bi}_x\text{Fe}_2\text{As}_2$. Physical Review Letters, 2011, 106, 117602.	1.1	30
132	Muon-spin rotation study of the superconducting properties of $\text{Pb}_{1-x}\text{Bi}_x\text{Fe}_2\text{As}_2$. Physical Review Letters, 2011, 106, 117602.	1.1	22
133	Search for magnetic ordered phase in $\text{Zn}_{0.99}\text{Co}_{0.01}\text{O}$ compound using $\hat{1}/4$ SR method. Physics of Particles and Nuclei Letters, 2010, 7, 410-414.	0.1	0
135	Evolution of Two-Gap Behavior of the Superconductor $\text{FeSe}_{1-x}\text{Te}_x$. Physical Review Letters, 2010, 104, 087004.	2.9	97
136	Suppression of the antinodal coherence of superconducting $(\text{Bi,Pb})_2(\text{Sr,Lu})_2\text{CuO}_6 + \hat{1}$ as revealed by muon spin rotation and angle-resolved photoemission. Physical Review B, 2010, 82, .	1.1	13
137	Comment on $\hat{1}$ Muon-spin-rotation study of the superconducting properties of $\text{Mo}_3\text{Sb}_7\hat{1}$. Physical Review B, 2010, 82, .	1.1	3
138	Intrinsic and structural isotope effects in iron-based superconductors. Physical Review B, 2010, 82, .	1.1	22
139	Evidence for time-reversal symmetry breaking in superconducting PrPt . Physical Review B, 2010, 82, .	1.1	101
140	Anisotropic superconducting properties of single-crystalline $\text{FeSe}_{1-x}\text{Te}_x$. Physical Review B, 2010, 81, .	1.1	119
141	Anomalies in the Fermi Surface and Band Dispersion of Quasi-One-Dimensional CuO Chains in the High-Temperature Superconductor $\text{YBa}_2\text{Cu}_4\text{O}_8$. Physical Review Letters, 2010, 105, 267003.	2.9	15
142	Field-dependent superfluid density in the optimally doped $\text{SmFeAsO}_{1-x}\text{F}_y$ superconductor. Europhysics Letters, 2010, 91, 47005.	0.7	7
143	Pressure Induced Static Magnetic Order in Superconducting $\text{FeSe}_{1-x}\text{Te}_x$. Physical Review Letters, 2010, 104, 087003.	2.9	176
144	Tuning the superconducting and magnetic properties of $\text{Fe}_{1-x}\text{Te}_x$ by varying the iron content. Physical Review B, 2010, 82, .	1.1	94

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145	Dispersed Fermi surface nesting in the pnictide parent compounds $\langle \text{BaFe} \rangle$ Physical Review B, 2010, 81, .	1.1	76
146	Iron isotope effect on the superconducting transition temperature and the crystal structure of $\text{FeSe}_{1-x}\text{Te}_x$. New Journal of Physics, 2010, 12, 073024.	1.2	64
147	Magnetic excitations of $\text{Fe}_{1-x}\text{Se}_x\text{Te}_{1-x}$ in magnetic and superconductive phases. Journal of Physics Condensed Matter, 2010, 22, 142202.	0.7	33
148	Microscopic study of the superconducting state of the iron pnictide $\text{RbFe}_{2-x}\text{As}_x$ muon spin rotation. Physical Review B, 2010, 82, .	1.1	28
149	Zero-field superfluid density in a d -wave superconductor evaluated from muon-spin-rotation experiments in the vortex state. Physical Review B, 2009, 79, .	1.1	14
150	Superconductivity and Field-Induced Magnetism in $\text{SrFe}_{1.75}\text{Co}_{0.25}$ Physical Review Letters, 2009, 103, 067010.	2.9	36
151	Two-Gap Superconductivity in $\text{Ba}_{1-x}\text{K}_x\text{FeAs}_2$ A Complementary Study of the Magnetic Penetration Depth by Muon-Spin Rotation and Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2009, 103, 187005.	2.9	105
152	Comparison of different methods for analyzing ^{57}Fe SR line shapes in the vortex state of type-II superconductors. Journal of Physics Condensed Matter, 2009, 21, 075701.	0.7	66
153	Orbital and spin effects for the upper critical field in As-deficient disordered Fe pnictide superconductors. New Journal of Physics, 2009, 11, 075007.	1.2	68
154	Comparative study of the pressure effects on the magnetic penetration depth in electron- and hole-doped cuprate superconductors. Journal of Physics Condensed Matter, 2009, 21, 275701.	0.7	3
155	Momentum-resolved superconducting gap in the bulk of $\text{Ba}_{1-x}\text{K}_x\text{FeAs}_2$ from combined ARPES and ^{57}Fe SR measurements. New Journal of Physics, 2009, 11, 055069.	1.2	124
156	Probing the ground state properties of iron-based superconducting pnictides and related systems by muon-spin spectroscopy. Physica C: Superconductivity and Its Applications, 2009, 469, 606-613.	0.6	15
157	Superfluid Density and Angular Dependence of the Energy Gap in Optimally Doped $(\text{BiPb})_2(\text{SrLa})_2\text{CuO}_{6+\delta}$. Journal of Superconductivity and Novel Magnetism, 2009, 22, 189-193.	0.8	0
158	Muon-Spin Rotation Study of the Ternary Noncentrosymmetric Superconductors $\text{Li}_2\text{Pd}_x\text{Pt}_{3-x}\text{B}$. Journal of Superconductivity and Novel Magnetism, 2009, 22, 337-342.	0.8	16
159	Competition between the pseudogap and superconductivity in the high- T_c copper oxides. Nature, 2009, 457, 296-300.	13.7	231
160	The electronic phase diagram of the $\text{LaO}_{1-x}\text{F}_x\text{FeAs}$ superconductor. Nature Materials, 2009, 8, 305-309.	13.3	390
161	Anomalous asymmetry in the Fermi surface of the high-temperature superconductor $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ revealed by angle-resolved photoemission spectroscopy. Physical Review B, 2009, 80, .	1.1	14
162	Coexistence of incommensurate magnetism and superconductivity in $\text{Fe}_{1-x}\text{As}_x$ Physical Review B, 2009, 80, .	1.1	114

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163	Synthesis, crystal structure, and chemical stability of the superconductor FeSe . Physical Review B, 2009, 80, 157004.	1.1	137
164	Three- to Two-Dimensional Transition of the Electronic Structure in CaFe_2As_2 : A Parent Compound for an Iron Arsenic High-Temperature Superconductor. Physical Review Letters, 2009, 102, 157004.	2.9	174
165	Superfluid Density and Energy Gap Function of Superconducting FeAsO (FeAsO) _{Tj} ETC. Physical Review B, 2009, 80, 157004.	1.1	123
166	s-Wave Symmetry Along the c-Axis and s+d In-plane Superconductivity in Bulk $\text{YBa}_2\text{Cu}_4\text{O}_8$. Journal of Superconductivity and Novel Magnetism, 2008, 21, 81-85.	0.8	46
167	Commensurate Spin Density Wave in LaFeAsO : A Local Probe Study. Physical Review Letters, 2008, 101, 077005.	2.9	267
169	Evidence of nodeless superconductivity in FeSe a muon-spin-rotation study of the in-plane magnetic penetration depth. Physical Review B, 2008, 78, .	1.1	108
170	Pressure effects on the magnetic transition temperature in ordered double perovskites. Physical Review B, 2008, 78, .	1.1	11
171	Oxygen Isotope Effects on the Superconducting Transition and Magnetic States Within the Phase Diagram of $\text{Y}_{1-x}\text{Pr}_x\text{Ba}_2\text{Cu}_3\text{O}_{7-\delta}$. Physical Review Letters, 2008, 101, 077001.	2.9	41
172	Finite gap behaviour in the superconductivity of the $\text{Sr}_{0.9}\text{La}_{0.1}\text{CuO}_2$. Journal of Physics Condensed Matter, 2008, 20, 104237.	0.7	10
173	Universal correlations of isotope effects in $\text{Y}_{1-x}\text{Pr}_x\text{Ba}_2\text{Cu}_3\text{O}_{7-\delta}$. Physical Review B, 2008, 77, .	1.1	20
174	Origins of large critical temperature variations in single-layer cuprates. Physical Review B, 2008, 78, .	1.1	10
175	Muon spin rotation studies of SmFeAsO and NdFeAsO . Physical Review B, 2008, 78, .	1.1	97
176	Nodeless superconductivity in the infinite-layer electron-doped cuprate superconductor $\text{Sr}_{0.9}\text{La}_{0.1}\text{CuO}_2$. Physical Review B, 2008, 77, .	1.1	24
177	Direct observation of a Fermi surface and superconducting gap in LuNi_2 . Physical Review B, 2008, 77, .	1.1	14
178	Evidence for a Competition between the Superconducting State and the Pseudogap State of $(\text{BiPb})_2(\text{SrLa})_2\text{CuO}_6$ from Muon Spin Rotation Experiments. Physical Review Letters, 2008, 101, 227002.	2.9	25
179	Correlation between the transition temperature and the superfluid density in BCS superconductor NbB_2 . Physical Review B, 2008, 77, .	1.1	4
180	Strong coupling between magnetic and structural order parameters in SrFe_2 . Physical Review B, 2008, 78, .	1.1	127

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181	Muon-spin rotation measurements of the penetration depth of the $\chi_1 = \frac{36}{\mu_0 \mu_B} \frac{1}{\mu_0 \mu_B} \frac{1}{\mu_0 \mu_B}$ Physical Review B, 2008, 78.	1.1	36
182	Field and Temperature Dependence of the Superfluid Density in $F = \frac{1}{\mu_0 \mu_B} \frac{1}{\mu_0 \mu_B} \frac{1}{\mu_0 \mu_B}$ Superconductors: A Muon Spin Relaxation Study. Physical Review Letters, 2008, 101, 097009.	1.1	10
183	Depth-Dependent Spin Dynamics of Canonical Spin-Glass Films: A Low-Energy Muon-Spin-Rotation Study. Physical Review Letters, 2008, 100, 147205.	2.9	13
184	Synthesis and bulk properties of oxychloride superconductor $\text{Ca}_{2-x}\text{Na}_x\text{CuO}_2\text{Cl}_2$. Journal of Physics: Conference Series, 2008, 97, 012121.	0.3	4
185	Mixed order parameter symmetries in cuprate superconductors. Europhysics Letters, 2007, 77, 27002.	0.7	30
186	Magnetic-field dependence of the oxygen isotope effect on the magnetic penetration depth of hole-doped cuprate superconductors. Physical Review B, 2007, 75, .	1.1	12
187	Dual Character of the Electronic Structure of $\text{YBa}_2\text{Cu}_4\text{O}_8$: The Conduction Bands of CuO_2 Planes and CuO Chains. Physical Review Letters, 2007, 98, 157002.	2.9	17
188	Formation of Hydrogen Impurity States in Silicon and Insulators at Low Implantation Energies. Physical Review Letters, 2007, 98, 227401.	2.9	26
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