Ruslan Prozorov

List of Publications by Year
in descending order

327	13,301	15466 65	31759 101
papers	citations	h-index	g-index

336	336	336	9188
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Unusual dynamic susceptibility arising from soft ferromagnetic domains in MnBi₈Te₁₃ and Sb-doped MnBi 2n Te 3n+1 (nâ€‰=â€‰2, 3). Journal Physics D: Applied Physics, 2022, 55, 054003.	1.3	9
2	London Penetration Depth Measurements Using Tunnel Diode Resonators. Journal of Low Temperature Physics, 2022, 208, 119-146.	0.6	4
3	Intermediate scattering potential strength in electron-irradiated <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>YBa</mml:mi><mml:mn>2</mml:mn></mml mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>7</mml:mn><mml:mo>â^'</mml:mo><mml:mi>Î´</mml:mi></mml:mrow> from London penetration depth measurements. Physical Review B, 2022, 105, .	1.1	1
4	Multiband superconductivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">V</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mi>Si</mml:mi></mml:math> determined from studying the response to controlled disorder. Physical Review B, 2022, 105, .	1.1	9
5	High-Frequency ac Susceptibility of Iron-Based Superconductors. Materials, 2022, 15, 1079.	1.3	4
6	Topological magnetic hysteresis in single crystals of CeAgSb2 ferromagnet. Journal of Physics Condensed Matter, 2022, 34, 145802.	0.7	2
7	High-Temperature Superconductivity in Hydrides: Experimental Evidence and Details. Journal of Superconductivity and Novel Magnetism, 2022, 35, 965-977.	0.8	32
8	Possible unconventional pairing in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mrow><mml:mo>(</mml:mo> <mml:mi>Ca</mml superconductors reveal. Physical Review B, 2022, 105, .	1.1	6
9	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">SrCr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">As</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> studied by magnetization, heat capacity, electrical resistivity, and NMR measurements. Physical Review B, 2022, 105, .	1.1	2
10	Nematicity and Glassy Behavior Probed by Nuclear Magnetic Resonance in Iron-Based Superconductors. Frontiers in Physics, 2022, 10, .	1.0	0
11	Temperature dependence of London penetration depth anisotropy in superconductors with anisotropic order parameters. Physical Review B, 2021, 103, .	1.1	7
12	Effect of Controlled Artificial Disorder on the Magnetic Properties of EuFe2(As1â^'xPx)2 Ferromagnetic Superconductor. Materials, 2021, 14, 3267.	1.3	4
13	Campbell penetration depth in low carrier density superconductor YPtBi. Physical Review B, 2021, 104, .	1.1	3
14	Meissner-London Susceptibility of Superconducting Right Circular Cylinders in an Axial Magnetic Field. Physical Review Applied, 2021, 16, .	1.5	11
15	Low-temperature high-frequency dynamic magnetic susceptibility of classical spin-ice Dy2Ti2O7. Journal of Physics Condensed Matter, 2021, 33, 455802.	0.7	0
16	Interaction between moving Abrikosov vortices in type-II superconductors. Physical Review B, 2020, 102, .	1.1	9
17	Mechanical detwinning device for anisotropic resistivity measurements in samples requiring dismounting for particle irradiation. Review of Scientific Instruments, 2020, 91, 073904.	0.6	2
18	Clathrate BaNi₂P₄: An Interplay of Heat and Charge Transport Due to Strong Hostâ€“Guest Interactions. Chemistry of Materials, 2020, 32, 7932-7940.	3.2	9

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19	Anisotropic time-dependent London approach: Application to the ac response in the Meissner state. Physical Review B, 2020, 102, .	1.1	2
20	Effect of controlled pointlike disorder induced by 2.5-MeV electron irradiation on the nematic resistivity anisotropy of hole-doped (Ba,K)Fe2As2. Physical Review B, 2020, 102, .	1.1	0
21	Quantum phase transition inside the superconducting dome of Ba(Fe_{1âˆ’x}Co_x)₂As₂ from diamond-based optical magnetometry. New Journal of Physics, 2020, 22, 053037.	1.2	13
22	Tuning the Intrinsic Anisotropy with Disorder in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>Ca</mml:mi><mml:mi mathvariant="normal">K</mml:mi><mml:mi>Fe</mml:mi></mml:mrow><mml:mn>4</mml:mn></mml:msub><mml:msub><mml:mi>As Superconductor. Physical Review Applied, 2020, 13, .	1.5	26
23	Universal temperature dependence of the London penetration depth in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î»</mml:mi><mml:mtext>â€²</mml:mtext><mml:msub> superconductors. Physical Review B, 2020, 101, .	1.1	0
24	London penetration depth at zero temperature and near the superconducting transition. Physical Review B, 2020, 101, .	1.1	0
25	Manipulating magnetism in the topological semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>EuCd</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mn></ Physical Review B, 2020, 101, .	1.1	58
26	Electron irradiation effects on superconductivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">PdTe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> : An application of a generalized Anderson theorem. Physical Review Research, 2020, 2, .	1.3	25
27	On Some Unsolved Problems in Microwav Uncoventional Superconductivity: from Authorsâ€™ Research Experience. , 2020, , .		0
28	Interplay between superconductivity and itinerant magnetism in underdoped Ba1âˆ’xKxFe2As2 (xâ€‰=â€‰0.2) probed by the response to controlled point-like disorder. Npj Quantum Materials, 2019, 4, .	1.8	15
29	Temperature-dependent anisotropies of upper critical field and London penetration depth. Physical Review B, 2019, 100, .	1.1	10
30	Electrodynamic response of Ba(Fe1âˆ’xRhx)2As2 across the sÂ± to s++ order parameter transition. European Physical Journal: Special Topics, 2019, 228, 719-723.	1.2	16
31	Self-Consistent Two-Gap Description of MgB2 Superconductor. Symmetry, 2019, 11, 1012.	1.1	9
32	Analysis of the London penetration depth in Ni-doped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CaKFe</mml:mi><mml:mn>4</mml:mn></mml:mn></ Physical Review B, 2019, 100, .	1.1	28
33	Ferromagnetic Semiconductors: VI₃â€”a New Layered Ferromagnetic Semiconductor (Adv.) Tj ETQq1 1 0.784314 rgBT /	11.1	7
34	VI₃â€”a New Layered Ferromagnetic Semiconductor. Advanced Materials, 2019, 31, e1808074.	11.1	157
35	Competition between orthorhombic and re-entrant tetragonal phases in underdoped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mrow><mml:mn>1</mml:mn> mathvariant="normal">K</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi>Fe</mml:mi><mml:mn>2</mml:mn></ probed by the response to contr. Physical Review B, 2019, 99, .	1.1	9
36	Non-Fermi-liquid types of behavior associated with a magnetic quantum critical point in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Sr</mml:mi><mml:msub><mml:mrow><mml:mn>1</mml:mn><mml:mo>(</mml Physical Review B, 2019, 100, .	1.1	19

#	Article	IF	Citations
37	Measuring the Lower Critical Field of Superconductors Using Nitrogen-Vacancy Centers in Diamond Optical Magnetometry. Physical Review Applied, 2019, 11, .	1.5	27
38	Modular portable unit for thermal conductivity measurements in multiple cryogenic/magnetic field environments. Review of Scientific Instruments, 2018, 89, 013903.	0.6	4
39	Beyond triplet: Unconventional superconductivity in a spin-3/2 topological semimetal. Science Advances, 2018, 4, eaao4513.	4.7	130
40	Doping evolution of the second magnetization peak and magnetic relaxation in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mrow><mml:mi) Tj ETQq	1.1	9
41	Robust <mml:math mathvariant="normal">F</mml:m. Physical Review B, 2018, 97, . xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>s</mml:mi><mml:mo>Â±</mml:mo></mml:msub></mml: pairing in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>CaK</mml:mi><mml:msub><mml:mrow><mml:mo>(</m Physical Review B, 2018, 97, .	1.1	16
42	Uniaxial strain control of spin-polarization in multicomponent nematic order of BaFe2As2. Nature Communications, 2018, 9, 1058.	5.8	41
43	Tunnel diode resonator for precision magnetic susceptibility measurements in a mK temperature range and large DC magnetic fields. Review of Scientific Instruments, 2018, 89, 094704.	0.6	7
44	Coexistence of superconductivity and magnetism in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>CaK</mml:mi><mml:mo>(</mml:mo><mml:mi>Fe</mml:mi><mml:msu	1.1	17
45	Disorder-Driven Transition from <mml:math xmlns:mml="http://www.w3.org/1998/MathML" /><mml:mn>4</mml:mn></mml:msub>. Physical Review B, 2018, 98, . display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mo>Â±</mml:mo></ to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>s</mml:mi><mml:mrow><mml:mo>+</mml:mo><mml:mo>+</mml:mo></mml:mrow></mml: Superconducting Order Parameter in Proton Irradiated <mml:math xmlns:mml="http://www. Physical	2.9	42
46	Universal doping evolution of the superconducting gap anisotropy in single crystals of electron-doped Ba(Fe_{1â^'x}Rh_x)₂As₂ from London penetration depth measurements. Journal of Physics Condensed Matter, 2018, 30, 225602.	0.7	2
47	Using electron irradiation to probe iron-based superconductors. Superconductor Science and Technology, 2018, 31, 064002.	1.8	31
48	Effective Demagnetizing Factors of Diamagnetic Samples of Various Shapes. Physical Review Applied, 2018, 10, .	1.5	120
49	Nodeless superconductivity in the type-II Dirac semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>PdTe</mml:mi><mml:mn>2</mml:mn></mml:msub></ : London penetration depth and pairing-symmetry analysis. Physical Review B, 2018, 98, .	1.1	38
50	Using controlled disorder to probe the interplay between charge order and superconductivity in NbSe2. Nature Communications, 2018, 9, 2796.	5.8	81
51	Multi-band effects in in-plane resistivity anisotropy of strain-detwinned disordered Ba(Fe_{1â€“x}Ru_x)₂As₂. Journal of Physics Condensed Matter, 2018, 30, 315601.	0.7	7
52	Spatially-resolved study of the Meissner effect in superconductors using NV-centers-in-diamond optical magnetometry. New Journal of Physics, 2018, 20, 043010.	1.2	26
53	Dependence of the absolute value of the penetration depth in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:msub><mml:mi>Ba</ Physical Review B, 2018, 98, .	1.1	8
54	Nodeless multiband superconductivity in stoichiometric single-crystalline <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CaKFe</mml:mi><mml:mn>4</mml:mn></mml:mn></m Physical Review B, 2017, 95, .	1.1	41

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55	Effect of proton irradiation on the normal-state low-energy excitations of Ba(Fe1âˆ’xRhx)2As2 superconductors. Physical Review B, 2017, 96, .	1.1	10
56	Dome of magnetic order inside the nematic phase of sulfur-substituted FeSe under pressure. Physical Review B, 2017, 96, .	1.1	34
57	In Situ Investigation of Magnetism in Metastable Phases of Levitated <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Fe</mml:mi></mml:mrow><mml:mrow><mml:mn>83</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mrow><mml:mi mathvariant="normal">B</mml:mi></mml:mrow><mml:mrow><mml:mn>17</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>.	1.5	6
58	Doping evolution of the anisotropic upper critical fields in the iron-based superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mrow><mml:mi>Ba</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mrow><mml:mi mathvariant="normal">K</mml:mi></mml:mrow><mml:mrow><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mrow><mml:mi>Fe</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Physical Review B, 2017, 96, .	1.1	6
59	Local nematic susceptibility in stressed <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mrow><mml:mi>BaFe</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> from NMR electric field gradient measurements. Physical Review B, 2017, 96, .	1.1	13
60	Superconductivity and itinerant ferromagnetism of Y₉Co₇probed by ac susceptibility. Journal of Physics Condensed Matter, 2016, 28, 166006.	0.7	0
61	NMR study of nematic spin fluctuations in a detwinned single crystal of underdoped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Ba</mml:mi><mml:msub><mml:mrow></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Physical Review B, 2016, 94, .	1.1	14
62	Anisotropic thermodynamic and transport properties of single-crystalline<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mrow><mml:mi>CaKFe</mml:mi></mml:mrow><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Physical Review B, 2016, 94, .	1.1	116
63	Enhancement of superconducting transition temperature by pointlike disorder and anisotropic energy gap in FeSe single crystals. Physical Review B, 2016, 94, .	1.1	50
64	Origin of the Resistivity Anisotropy in the Nematic Phase of FeSe. Physical Review Letters, 2016, 117, 127001.	2.9	93
65	Structural and magnetic phase transitions in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mrow><mml:mi>Ca</mml:mi></mml:mrow><mml:mrow><mml:mn>0.73</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> electron-overdoped FeAs layers. Physical Review B, 2016, 93, .	1.1	34
66	Nonmonotonic pressure evolution of the upper critical field in superconducting FeSe. Physical Review B, 2016, 93, .	1.1	46
67	Publisher's Note: Structural and magnetic phase transitions in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mrow><mml:mi>Ca</mml:mi></mml:mrow><mml:mrow><mml:mn>0.73</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> electron-overdoped FeAs layers [Phys. Rev. B93, 054522 (2016)]. Physical Review B, 2016, 93, .	1.1	2
68	Expansion of the tetragonal magnetic phase with pressure in the iron arsenide superconductorBa1âˆ’xKxFe2As2. Physical Review B, 2016, 93, .	1.1	19
69	Interband coupling and nonmagnetic interband scattering in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mo>Â±</mml:mo><mml:mi>s</mml:mi></mml:mrow></mml:math> Physical Review B, 2016, 93, .	1.1	13
70	Doping evolution of the superconducting gap structure in the underdoped iron arsenide<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mrow><mml:mi>Ba</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mrow><mml:mi mathvariant="normal">K</mml:mi></mml:mrow><mml:mrow><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mrow><mml:mi>Fe</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> by thermal conductiv. Physical Review B, 2016, 93, .	1.1	18
71	Energy gap evolution across the superconductivity dome in single crystals of (Ba <sub> 1âˆ’ x) Tj ETQq1 1 0.784314 rgBT /Ove	4.7	54
72	Complex superconductivity in the noncentrosymmetric compoundRe6Zr. Physical Review B, 2016, 94, .	1.1	32

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73	Anisotropic type-I superconductivity and anomalous superfluid density in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>OsB</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>: Physical Review B, 2016, 94, .	1.1	28
74	Quantum oscillations in the heavy-fermion compound YbPtBi. Physical Review B, 2015, 92, .	1.1	11
75	Antiferromagnetic spin correlations and pseudogaplike behavior inCa(Fe1â^'xCox)2As2studied byAs75nuclear magnetic resonance and anisotropic resistivity. Physical Review B, 2015, 92, .	1.1	12
76	Campbell Response in Type-II Superconductors under Strong Pinning Conditions. Physical Review Letters, 2015, 115, 207001.	2.9	19
77	Single-vortex pinning and penetration depth in superconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">NdFeAsO</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">F</mml:mi><mml:mi>x</mml:mi></mml:msub></mml:math>. Physical Review B,	1.1	9
78	Nodal to Nodeless Superconducting Energy-Gap Structure Change Concomitant with Fermi-Surface Reconstruction in the Heavy-Fermion Compound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>CeCoIn</mml:mi></mml:mrow><mml:mrow><mml:mn>5</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>: Physical Review Letters, 2015, 114, 027003.	2.9	32
79	Crystal growth and annealing study of fragile, non-bulk superconductivity in YFe₂Ge₂. Philosophical Magazine, 2015, 95, 804-818.	0.7	19
80	Physical properties of CeGe_{2â^'x}(x= 0.24) single crystals. Journal of Physics Condensed Matter, 2014, 26, 146005.	0.7	6
81	Resolution of the discrepancy between the variation of the physical properties of Ce_{1-x}Yb_xCoIn₅single crystals and thin films with Yb Competition between superconductivity and magnetic/nematic order as a source of anisotropic superconducting gap in underdoped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">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:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">K</mml:mi><mml:mi>x</mml:mi></mml:msub></mml:math><mml:math xmlns:mm	0.7	14
82		1.1	28
83	Effect of equatorial line nodes on the upper critical field and London penetration depth. Physical Review B, 2014, 90, .	1.1	2
84	Changing the type of superconductivity by magnetic and potential scattering. Physical Review B, 2014, 90, .	1.1	7
85	Effect of Electron Irradiation on Superconductivity in Single Crystals of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Ba</mml:mi><mml:mo	2.8	52
86		1.1	22
87		1.1	52
88	Effects of electron irradiation on resistivity and London penetration depth of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">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:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">K</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi mathvariant="normal">Fe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">As</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>single crystals. Physical Review B, 2014,	1.1	35
89		1.1	9
90	Upper critical field of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">K</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi mathvariant="normal">Fe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">As</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>pressure: A test for the change in the superconducting gap structure. Physical Review B, 2014, 89, .	1.1	43

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91	Infrared pseudogap in cuprate and pnictide high-temperature superconductors. Physical Review B, 2014, 90, .	1.1	21
92	Anisotropic criteria for the type of superconductivity. Physical Review B, 2014, 90, .	1.1	7
93	Comparative Study of Magnetic Properties of Nanoparticles by High-Frequency Heat Dissipation and Conventional Magnetometry. IEEE Magnetics Letters, 2014, 5, 1-4.	0.6	3
94	Manganese incorporation into the magnetosome magnetite: magnetic signature of doping. European Journal of Mineralogy, 2014, 26, 457-471.	0.4	29
95	Type I superconductivity and the intermediate state. , 2014, , 323-354.		0
96	Upper critical field with magnetic and non-magnetic scattering*. , 2014, , 485-499.		0
97	Noncuprate superconductors. , 2014, , 727-788.		1
98	London penetration depth in iron base superconductors*. , 2014, , 789-827.		0
99	Intrinsic nanostructure in Zr_{2â^'x}Fe₄Si_{16â^'y}(x=) Tj ETQq1 1 0.784314 rgBT	0.7	0
100	Magnetic penetration depth. , 2014, , 445-484.		0
101	Evolution of London penetration depth with scattering in single crystals of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="normal">K</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math> <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="normal">Na</mml:mi></mml:mrow><mml:mi>x</mml:mi></mml:msub></mml:math> <mml:math xmlns:mml="http://www.w3.org/19. Physical Review B, 2014, 89, .	1.1	20
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234	noncentrosymmetric<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Re</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mi mathvariant="normal">W</mml:mi></mml:mrow></mml:math>from magnetic penetration depth measu	1.1	32

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