Igor I Mazin

List of Publications by Year
in descending order

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		9786	8630
270	23,109	73	146
papers	citations	h-index	g-index

279	279	279	12271
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Unconventional Superconductivity with a Sign Reversal in the Order Parameter of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>LaFeAsO</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi mathvariant="normal">F</mml:mi><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>. Physical Review Letters, 2008, 101, 057003.	7.8	2,279
2	Superconductivity of Metallic Boron inMgB2. Physical Review Letters, 2001, 86, 4656-4659.	7.8	1,153
3	Gap symmetry and structure of Fe-based superconductors. Reports on Progress in Physics, 2011, 74, 124508.	20.1	1,001
4	Beyond Eliashberg Superconductivity inMgB2: Anharmonicity, Two-Phonon Scattering, and Multiple Gaps. Physical Review Letters, 2001, 87, 087005.	7.8	957
5	Spin Waves and Revised Crystal Structure of Honeycomb Iridate<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Na</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>IrO</mml:mi><mml:mi	7.8	502
6	Fermi surface nesting and the origin of charge density waves in metals. Physical Review B, 2008, 77, .	3.2	478
7	Superconductivity gets an iron boost. Nature, 2010, 464, 183-186.	27.8	398
8	How to Define and Calculate the Degree of Spin Polarization in Ferromagnets. Physical Review Letters, 1999, 83, 1427-1430.	7.8	389
9	Monoclinic crystal structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mo>â^’</mml:mo	3.2	386
10	Electronic structure and magnetism in Ru-based perovskites. Physical Review B, 1997, 56, 2556-2571.	3.2	377
11	Correlated metals and theLDA+Umethod. Physical Review B, 2003, 67, .	3.2	363
12	Pairing symmetry and pairing state in ferropnictides: Theoretical overview. Physica C: Superconductivity and Its Applications, 2009, 469, 614-627.	1.2	360
13	Problems with reconciling density functional theory calculations with experiment in ferropnictides. Physical Review B, 2008, 78, .	3.2	352
14	Superconductivity inMgB2: Clean or Dirty?. Physical Review Letters, 2002, 89, 107002.	7.8	350
15	Ferromagnetic Spin Fluctuation Induced Superconductivity inSr2RuO4. Physical Review Letters, 1997, 79, 733-736.	7.8	311
16	Magnetic Collapse in Transition Metal Oxides at High Pressure: Implications for the Earth. Science, 1997, 275, 654-657.	12.6	305
17	Calculated thermoelectric properties of La-filled skutterudites. Physical Review B, 1997, 56, R1650-R1653.	3.2	283
18	Uniaxial-strain mechanical detwinning of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CaFe</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>BaFe</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:m Physical Review B, 2010, 81, .	3.2	255

#	Article	IF	Citations
19	Effect of magnetic frustration on nematicity and superconductivity in iron chalcogenides. Nature Physics, 2015, 11, 953-958.	16.7	255
20	Electronic structure, electronâ€“phonon coupling, and multiband effects in MgB2. Physica C: Superconductivity and Its Applications, 2003, 385, 49-65.	1.2	254
21	A key role for unusual spin dynamics inÂferropnictides. Nature Physics, 2009, 5, 141-145.	16.7	250
22	Charge Ordering as Alternative to Jahn-Teller Distortion. Physical Review Letters, 2007, 98, .	7.8	241
23	Effect of magnetic and nonmagnetic impurities on highly anisotropic superconductivity. Physical Review B, 1997, 55, 15146-15152.	3.2	237
24	Fermi-surface nesting and the origin of the charge-density wave inNbSe2. Physical Review B, 2006, 73, .	3.2	237
25	Competitions in Layered Ruthenates: Ferromagnetism versus Antiferromagnetism and Triplet versus Singlet Pairing. Physical Review Letters, 1999, 82, 4324-4327.	7.8	229
26	What superconducts in sulfur hydrides under pressure and why. Physical Review B, 2015, 91, .	3.2	220
27	Plane dimpling and saddle-point bifurcation in the band structures of optimally doped high-temperature superconductors: A tight-binding model. Physical Review B, 1994, 49, 4145-4157.	3.2	215
28	Origin of high transport spin polarization inLa0.7Sr0.3MnO3:Direct evidence for minority spin states. Physical Review B, 2001, 63, .	3.2	204
29	Probing spin polarization with Andreev reflection: A theoretical basis. Journal of Applied Physics, 2001, 89, 7576-7578.	2.5	197
30	Effect of dimensionality on the charge-density wave in few-layer<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>2</mml:mn><mml:msub><mml:mrow><mml:mi>H</mml:mi><mml:mtext>-NbSe</mml:mtext></mml:mrow> Physical Review B, 2009, 80, .	3.2	184
31	Roles of multiband effects and electron-hole asymmetry in the superconductivity and normal-state properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"		

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37	Quantitative Model for the Superconductivity Suppression inR1âˆ'xPrxBa2Cu3O7with Different Rare Earths. Physical Review Letters, 1995, 74, 1000-1003.	7.8	160
38	Double Indirect Interlayer Exciton in a MoSe₂/WSe₂ van der Waals Heterostructure. ACS Nano, 2018, 12, 4719-4726.	14.6	160
39	Common Fermi liquid origin of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>T</mml:mi><mml:mn>2</mml:mn></mml:msup></mml:math>resistivity and superconductivity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>n</mml:mi></mml:math>-type SrTiO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2011, 84, .	3.2	158
40	Microscopic origin of magnetism and magnetic interactions in ferropnictides. Physical Review B, 2009, 79, .	3.2	155
41	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Na</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>In</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi>C</mml:mi><mml:mn>60</mml:mn></mml:msub></mml:math>: a Molecular Orbital Crystal. Physical Review Letters, 2012, 109, 197201.	7.8	155
42	Electronic structure, local moments, and transport inFe2VAl. Physical Review B, 1998, 57, 14352-14356.	3.2	153
43	Unconventional electronic reconstruction in undoped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mrow><mml:mtext>Ba</mml:mtext><mml:mo>,</mml:mo> the spin density wave transition. Physical Review B, 2009, 80, .	3.2	134
44	Phonon self-energies and the gap of high-temperature superconductors. Solid State Communications, 1990, 75, 219-223.	1.9	130
45	Resonant Raman scattering inYBa2Cu3O7: Band theory and experiment. Physical Review Letters, 1990, 65, 3048-3051.	7.8	129
46	Intercalant-Driven Superconductivity inYbC6andCaC6. Physical Review Letters, 2005, 95, 227001.	7.8	118
47	Quantum and Classical Orientational Ordering in Solid Hydrogen. Physical Review Letters, 1997, 78, 1066-1069.	7.8	117
48	Lattice dynamics and reduced thermal conductivity of filled skutterudites. Physical Review B, 2000, 61, R9209-R9212.	3.2	116
49	Effects of magnetism and doping on the electron-phonon coupling in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>BaFe</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2010, 82, .	3.2	112
50	Transport, optical, and electronic properties of the half-metalCrO2. Physical Review B, 1999, 59, 411-418.	3.2	109
51	Robust half metalicity in FexCo1âˆ'xS2. Applied Physics Letters, 2000, 77, 3000-3002.	3.3	105
52	Symmetry analysis of possible superconducting states in K<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>y</mml:mi></mml:msub></mml:math>Se<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>	3.2	105
53	Competing magnetic phases and fluctuation-driven scalar spin chirality in the kagome metal YMn ₆ Sn ₆. Science Advances, 2020, 6, .	10.3	103
54	Superconductivity and electronic structure of perovskiteMgCNi3. Physical Review B, 2001, 64, .	3.2	100

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55	Electronic structure and magnetism ofSr3Ru2O7. Physical Review B, 2001, 63, .	3.2	100
56	Sign-reversal of the in-plane resistivity anisotropy in hole-doped iron pnictides. Nature Communications, 2013, 4, 1914.	12.8	100
57	Neutron Scattering and Superconducting Order Parameter in YBa2Cu3O7. Physical Review Letters, 1995, 75, 4134-4137.	7.8	99
58	Structural phase diagram and electron-phonon interaction inBa1âˆ’xKxBiO3. Physical Review B, 1991, 44, 5388-5391.	3.2	96
59	Transport spin polarization ofNixFe1âˆ’x:Electronic kinematics and band structure. Physical Review B, 2000, 61, R3788-R3791.	3.2	95
60	Insulating gap in FeO: Correlations and covalency. Physical Review B, 1997, 55, 12822-12825.	3.2	92
61	London penetration depth in single crystals of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>Ba</mml:mtext><mml:msub><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mrow Physical Review B, 2009, 79, .	3.2	92
62	Valence bond liquid phase in the honeycomb lattice material<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Li</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi>Ru</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 89, .	3.2	92
63	Toward one-band superconductivity inMgB2. Physical Review B, 2003, 68, .	3.2	83
64	Anisotropic structure of the order parameter in FeSe0.45Te0.55 revealed by angle-resolved specific heat. Nature Communications, 2010, 1, 112.	12.8	83
65	WhyNi3Alls an Itinerant Ferromagnet butNi3Gals Not. Physical Review Letters, 2004, 92, 147201.	7.8	82
66	Coupling of magnetic order to planar Bi electrons in the anisotropic Dirac metals<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>A</mml:mi><mml:msub><mml:mi mathvariant="normal">MnBi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi>Â</mml:mi><mml:mo>(</mml:mo><mml:mi>A</	3.2	81
67	Quantitative theory of superconductivity in dopedC60. Physical Review B, 1992, 45, 5114-5117.	3.2	79
68	Interband superconductivity: Contrasts between Bardeen-Cooper-Schrieffer and Eliashberg theories. Physical Review B, 2009, 79, .	3.2	78
69	Calculation of magnetic anisotropy energy inSmCo5. Physical Review B, 2003, 67, .	3.2	77
70	Nesting, Spin Fluctuations, and Odd-Gap Superconductivity inNaxCoO2Â·yH2O. Physical Review Letters, 2004, 93, 097005.	7.8	76
71	First-principles calculations of the optical properties of metals. Journal of Physics F: Metal Physics, 1988, 18, 833-849.	1.6	75
72	First-principles study of Zn-Sb thermoelectrics. Physical Review B, 1998, 57, 6199-6203.	3.2	75

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73	Andreev Spectra and Subgap Bound States in Multiband Superconductors. Physical Review Letters, 2009, 103, 077003.	7.8	75
74	s-Wave Superconductivity from an Antiferromagnetic Spin-Fluctuation Model for Bilayer Materials. Physical Review Letters, 1995, 74, 2303-2306.	7.8	73
75	Structural, electronic, and magnetic properties of MnO. Physical Review B, 2001, 64, .	3.2	73
76	Paramagnetism in the kagome compounds<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mi>Zn</mml:mi><mml:m Physical Review B, 2015, 92, .	3.2	73
77	Topology and correlations on the kagome lattice. Nature Materials, 2020, 19, 137-138.	27.5	68
78	A critical assessment of the superconducting pairing symmetry in NaxCoO2Â·yH2O. Nature Physics, 2005, 1, 91-93.	16.7	67
79	Phase-Sensitive Tests of the Pairing State Symmetry inSr2RuO4. Physical Review Letters, 2005, 95, 217004.	7.8	65
80	Robust determination of the superconducting gap sign structure via quasiparticle interference. Physical Review B, 2015, 92, .	3.2	64
81	Extended Stoner factor calculations for the half-metallic ferromagnets NiMnSb and CrO2. Journal of Physics Condensed Matter, 1990, 2, 343-350.	1.8	62
82	Possible polytypism in FeO at high pressures. American Mineralogist, 1998, 83, 451-457.	1.9	61
83	de Haasâ€“van Alphen Study of the Fermi Surfaces of Superconducting LiFeP and LiFeAs. Physical Review Letters, 2012, 108, 047002.	7.8	61
84	Competition between spin-orbit coupling, magnetism, and dimerization in the honeycomb iridates: <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mo>â^'</mml:mo><mml:msub><mml:m under pressure. Physical Review B, 2018, 97, .	3.2	61
85	Dominance of the spin-dipolar NMR relaxation mechanism in fullerene superconductors. Physical Review B, 1993, 47, 12373-12376.	3.2	60
86	Coexistence of superconductivity and a spin-density wave in pnictide superconductors: Gap symmetry and nodal lines. Physical Review B, 2009, 80, .	3.2	59
87	Orbital Degeneracy Removed by Charge Order in Triangular Antiferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>AgNiO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2007, 99, 157204.	7.8	58
88	Possible Phase-Sensitive Tests of Pairing Symmetry in Pnictide Superconductors. Physical Review Letters, 2009, 102, 227007.	7.8	58
89	Sign reversal of the order parameter in (Li1â^'xFex)OHFe1â^'yZnySe. Nature Physics, 2018, 14, 134-139.	16.7	58
90	Origin of the insulating state in honeycomb iridates and rhodates. Physical Review B, 2013, 88, .	3.2	57

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91	Comment on â€œFirst-principles calculation of the superconducting transition inMgB2within the anisotropic Eliashberg formalismâ€• Physical Review B, 2004, 69, .	3.2	56
92	Electronic structure and superconductivity of CaAlSi and SrAlSi. Physical Review B, 2004, 69, .	3.2	54
93	Iron Superconductivity Weathers Another Storm. Physics Magazine, 0, 4, .	0.1	54
94	Theory of Mn-doped II-II-V semiconductors. Physical Review B, 2014, 90, .	3.2	54
95	Invariant Points and Phase Transitions in Deuterium at Megabar Pressures. Physical Review Letters, 1995, 75, 2514-2517.	7.8	53
96	Surface electronic structure ofSr2RuO4. Physical Review B, 2001, 64, .	3.2	53
97	Pinpointing gap minima in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>Ba</mml:mtext><mml:msub><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mrow	3.2	53
98	Manifestation of multiband optical properties of MgB2. Solid State Communications, 2002, 121, 479-484.	1.9	52
99	Evidence of upper-critical-field enhancement inK3C60powders. Physical Review B, 1992, 46, 5876-5879.	3.2	51
100	Strong-coupling effects in alkali-metal-dopedC60. Physical Review B, 1993, 47, 538-541.	3.2	51
101	Competition of Spin Fluctuations and Phonons in Superconductivity ofZrZn2. Physical Review Letters, 2002, 88, 187004.	7.8	51
102	Point contact spin spectroscopy of ferromagnetic MnAs epitaxial films. Physical Review B, 2003, 68, .	3.2	51
103	Interpretation of the de Haasâ€“van Alphen experiments inMgB2. Physical Review B, 2002, 65, .	3.2	50
104	Structural and electronic properties of the two-dimensional superconductor CuS with 1<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mfrac><mml:mn>1</mml:mn><mml:mn>3</mml:mn></mml:mfrac></mml:math>-valent copper. Physical Review B, 2012, 85, .	3.2	49
105	Calculations of the optical properties of metals by LMTO method. European Physical Journal B, 1983, 53, 263-270.	1.5	48
106	Raman excitations and orientational ordering in deuterium at high pressure. Physical Review B, 1996, 54, R15590-R15593.	3.2	48
107	Phenomenological interpretations of the ac Hall effect in the normal state ofYBa2Cu3O7. Physical Review B, 1998, 57, 3089-3098.	3.2	47
108	Superconductivity in compressed iron:â€ƒRole of spin fluctuations. Physical Review B, 2002, 65, .	3.2	47

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109	Spin Fluctuations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi>Sr</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></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:msub><mml:mrow><mml:mi>As</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:mrow></mml:math> from Polarized Neutron Scattering: Implications for Superconductivity. Physical Review Letters, 2019, 122, 047004.	7.8	46
110	Sign reversal of the order parameter in s wave superconductors. Physica C: Superconductivity and Its Applications, 1995, 243, 153-159.	1.2	45
111	Effects of doping on the magnetic anisotropy energy inSmCo5â^'xFexandYCo5â^'xFex. Physical Review B, 2004, 69, .	3.2	43
112	Accounting for spin fluctuations beyond local spin density approximation in the density functional theory. Physical Review B, 2012, 86, .	3.2	43
113	Electronic structure and heavy-fermion behavior inLiV2O4. Physical Review B, 1999, 60, 16359-16363.	3.2	42
114	First-principles study of spin-orbit effects and NMR inSr2RuO4. Physical Review B, 2006, 74, .	3.2	42
115	Dual character of magnetism in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>EuFe</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> Optical spectroscopic and density-functional calculation study. Physical Review B, 2010, 81, .	3.2	42
116	Sr2VO3FeAsas compared to other iron-based superconductors. Physical Review B, 2010, 81, .	3.2	42
117	Effect of isoelectronic doping on the honeycomb-lattice iridate<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>A</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">IrO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 89, .	3.2	42
118	Reduction of the Spin Susceptibility in the Superconducting State of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Sr</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Observed by Polarized Neutron Scattering. Physical Review Letters, 2020, 125, 217004.	7.8	42
119	Theoretical search for Chevrel-phase-based thermoelectric materials. Physical Review B, 1999, 59, 7969-7972.	3.2	41
120	Orientational order inA3C60: Antiferromagnetic Ising model for the fcc lattice. Physical Review Letters, 1993, 70, 4142-4145.	7.8	40
121	Three-dimensional magnetic interactions inNaxCoO2: First-principles calculations and analysis of exchange mechanisms. Physical Review B, 2005, 71, .	3.2	40
122	Indications of weak electronic correlations in SrRuO3from first-principles calculations. Physical Review B, 2012, 86, .	3.2	40
123	Prediction of unconventional magnetism in doped FeSb ₂. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	39
124	Displacive excitation of coherent phonons inYBa2Cu3O7. Physical Review B, 1994, 49, 9210-9213.	3.2	38
125	Magnetism, critical fluctuations, and susceptibility renormalization in Pd. Physical Review B, 2004, 69, .	3.2	37
126	Electronic structure and magnetism in the frustrated antiferromagnetLiCrO2: First-principles calculations. Physical Review B, 2007, 75, .	3.2	37

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127	Effect of doping and pressure on magnetism and lattice structure of iron-based superconductors. Physical Review B, 2010, 82, .	3.2	37
128	Fermi-surface and low-energy excitation spectrum ofYBa2Cu3O7: Role of the Ba-O plane. Physical Review B, 1992, 45, 5103-5106.	3.2	36
129	Spin fluctuations and the magnetic phase diagram ofZrZn2. Physical Review B, 2004, 69, .	3.2	36
130	Magnetic order multilayering in FeRh thin films by He-Ion irradiation. Materials Research Letters, 2018, 6, 106-112.	8.7	36
131	Role of correlations in determining the Van Hove strain in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Sr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">RuO</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>. Physical Review	3.2	36
132	Ising Superconductivity and Magnetism in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>NbSe</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></ Physical Review X, 2020, 10, .	8.9	36
133	Designing phase-sensitive tests for Fe-based superconductors. Applied Physics Letters, 2013, 102, .	3.3	35
134	Localized itinerant electrons and unique magnetic properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>SrRu</mml:mi><mml:mn>2</mml:mn></mml:mrow><mml:mrow><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2015, 92, .	3.2	35
135	Tight-binding Hamiltonians for Sr-filled ruthenates: Application to the gap anisotropy and Hall coefficient inSr2RuO4. Physical Review B, 2000, 61, 5223-5228.	3.2	34
136	Magnetic properties of SmCo5 and YCo5. Journal of Applied Physics, 2003, 93, 6888-6890.	2.5	34
137	Insulator-metal transition in solid hydrogen: Implication of electronic-structure calculations for recent experiments. Physical Review B, 1995, 52, R8597-R8600.	3.2	33
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