

# Christian Hess

## List of Publications by Year in descending order

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150  
papers

5,934  
citations

87401

40  
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93651

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g-index

150  
all docs

150  
docs citations

150  
times ranked

6401  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spin liquid evidence at the edge and in bulk. Nature Physics, 2022, 18, 378-379.	6.5	2
2	Thermoelectric Properties of Novel Semimetals: A Case Study of YbMnSb <sub>2</sub> . Advanced Materials, 2021, 33, e2003168.	11.1	34
3	Strain derivative of thermoelectric properties as a sensitive probe for nematicity. Npj Quantum Materials, 2021, 6, .	1.8	5
4	Evidence for a percolative Mott insulator-metal transition in doped $\text{Sr}_{2-x}\text{La}_x\text{MnO}_5$ . Physical Review Research, 2021, 3, .	2.3	23
5	Revisiting the phase diagram of $\text{LaFe}_x\text{Co}_{1-x}\text{AsO}$ in single crystals by thermodynamic methods. Physical Review B, 2021, 103, .	1.1	6
6	Laser-Assisted Floating Zone Growth of BaFe <sub>2</sub> S <sub>3</sub> Large-Sized Ferromagnetic-Impurity-Free Single Crystals. Crystals, 2021, 11, 758.	1.0	3
7	State with spontaneously broken time-reversal symmetry above the superconducting phase transition. Nature Physics, 2021, 17, 1254-1259.	6.5	41
8	Strongly scattered phonon heat transport of the candidate Kitaev material $\text{Na}_2\text{Ir}_2\text{O}_8$ . Physical Review B, 2021, 104, .	1.1	6
9	Thermal transport of the frustrated spin-chain mineral linarite: Magnetic heat transport and strong spin-phonon scattering. Physical Review B, 2021, 104, .	1.1	6
10	Substrate-independent Magnetic Bistability in Monolayers of the Single-Molecule Magnet Dy <sub>2</sub> ScN@C <sub>80</sub> on Metals and Insulators. Angewandte Chemie - International Edition, 2020, 59, 5756-5764.	7.2	26
11	Evolution of the Nematic Susceptibility in $\text{LaFe}_x\text{Co}_{1-x}\text{AsO}$ . Physical Review Letters, 2020, 125, 067001.	2.9	15
12	La <sub>6</sub> Pd <sub>2+x</sub> Sb <sub>15</sub> (x = 0.28): A rare-earth palladium intermetallic compound with extended pnictogen ribbons. Journal of Solid State Chemistry, 2020, 291, 121578.	1.4	2
13	Mg <sub>3</sub> (Bi,Sb) <sub>2</sub> single crystals towards high thermoelectric performance. Energy and Environmental Science, 2020, 13, 1717-1724.	15.6	91
14	Substrate-independent Magnetic Bistability in Monolayers of the Single-Molecule Magnet Dy <sub>2</sub> ScN@C <sub>80</sub> on Metals and Insulators. Angewandte Chemie, 2020, 132, 5805-5813.	1.6	1
15	High-field thermal transport properties of the Kitaev quantum magnet $\text{RuCl}_3$ : Evidence for low-energy excitations beyond the critical field. Physical Review B, 2020, 102, .	1.1	6
16	Incommensurate magnet iron monophosphide FeP: Crystal growth and characterization. Physical Review Materials, 2020, 4, .	0.9	5
17	Hydrodynamical description for magneto-transport in the strange metal phase of Bi-2201. Physical Review Research, 2020, 2, .	1.3	27
18	Disorder-induced coupling of Weyl nodes in $\text{WTe}_2$ . Physical Review Research, 2020, 2, .	1.3	27

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19	Berry curvature unravelled by the anomalous Nernst effect in $\text{Mn}_3\text{Ge}$ . Physical Review B, 2019, 100, .	1.1	3
20	Spectroscopic evidence of nematic fluctuations in LiFeAs. Physical Review B, 2019, 100, .	1.1	6
21	Large thermal Hall effect in $\text{Mn}_2\text{P}$ : Evidence for heat transport by Kitaev-Heisenberg paramagnons. Physical Review B, 2019, 99, .	1.1	3
22	Heat transport of cuprate-based low-dimensional quantum magnets with strong exchange coupling. Physics Reports, 2019, 811, 1-38.	10.3	27
23	Spin-polaron ladder spectrum of the spin-orbit-induced Mott insulator $\text{Sr}_2\text{IrO}_4$ probed by scanning tunneling spectroscopy. Physical Review B, 2019, 99, .	1.1	3
24	Chemical Aspects of the Candidate Antiferromagnetic Topological Insulator $\text{MnBi}_2\text{Te}_4$ . Chemistry of Materials, 2019, 31, 2795-2806.	3.2	203
25	Topological Electronic Structure and Intrinsic Magnetization in $\text{MnBi}_2\text{Te}_4$ : A $\text{Z}_2$ Anomalous Topological Insulator. Physical Review X, 2019, 9, 041048.	1.1	3
26	Impact of concomitant Y and Mn substitution on superconductivity in $\text{LaMn}_2\text{Fe}_2\text{O}_{10}$ . Physical Review B, 2018, 97, .	1.1	3
27	Unusual Phonon Heat Transport in $\text{Mn}_2\text{P}$ : Strong Spin-Phonon Scattering and Field-Induced Spin Gap. Physical Review Letters, 2018, 120, 117204.	1.1	45
28	Anomalous Nernst effect and field-induced Lifshitz transition in the Weyl semimetals TaP and TaAs. Physical Review B, 2018, 98, .	1.1	45
29	An ultra-high vacuum scanning tunneling microscope operating at sub-Kelvin temperatures and high magnetic fields for spin-resolved measurements. Review of Scientific Instruments, 2018, 89, 065104.	0.6	5
30	Defect states in LiFeAs as seen by low-temperature scanning tunneling microscopy and spectroscopy. Physica Status Solidi (B): Basic Research, 2017, 254, 1600159.	0.7	6
31	A calorimetric investigation of $\text{RbFe}_2\text{As}_2$ single crystals. Physica Status Solidi (B): Basic Research, 2017, 254, 1600208.	0.7	10
32	Magnetic structure of $\text{LaMn}_8\text{O}_{19}$ . Physical Review B, 2017, 95, .	1.1	1
33	Chemical vapor transport and characterization of $\text{MnBi}_2\text{Se}_4$ . Journal of Crystal Growth, 2017, 459, 81-86.	0.7	16
34	Effect of different in-chain impurities on the magnetic properties of the spin chain compound $\text{SrCu}_2\text{O}_7$ probed by NMR. Physical Review B, 2017, 96, .	1.1	10
35	Spin pseudogap in the $\text{Sr}_2\text{CuO}_7$ chain material with impurities. Physical Review B, 2017, 95, .	1.1	9
36	Nematicity in $\text{LaFeAsO}_{1-x}\text{F}_x$ . Physica Status Solidi (B): Basic Research, 2017, 254, 1600214.	0.7	6

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37	Adsorption characteristics of Er <sub>3</sub> N@C <sub>80</sub> on W(110) and Au(111) studied via scanning tunneling microscopy and spectroscopy. Beilstein Journal of Nanotechnology, 2017, 8, 1127-1134.	1.5	5
38	Pseudospin transport in the J <sub>eff</sub> = 1/2 antiferromagnet Sr <sub>2</sub> IrO <sub>4</sub> . Europhysics Letters, 2016, 114, 57007.	0.7	9
39	Combined resistivity and Hall effect study on NaFe <sup>x</sup> Rh <sub>1-x</sub> As single crystals. Physical Review B, 2016, 94, .	1.1	4
40	Two distinct superconducting phases in LiFeAs. Scientific Reports, 2016, 6, 27926.	1.6	16
41	STM Study of Au(111) Surface-Grafted Paramagnetic Macrocyclic Complexes [Ni <sub>2</sub> L(Hmba)] <sup>+</sup> via Ambidentate Coligands. Langmuir, 2016, 32, 4464-4471.	1.6	9
42	Physical properties optimization of polycrystalline LiFeAs. Physica C: Superconductivity and Its Applications, 2016, 529, 8-20.	0.6	2
43	Spin dynamics and magnetic interactions of Mn dopants in the topological insulator Bi <sub>2</sub> Te <sub>3</sub> . Physical Review B, 2016, 94, .		
44	A cubic double perovskite material with Ba <sub>2</sub> Ir <sub>5</sub> O <sub>15</sub> . Physical Review B, 2015, 91, .	1.1	90
45	Unusual magnetotransport properties in a FeAs single crystal. Physical Review B, 2016, 93, .	1.1	4
46	Magnetic ordering in the ultrapure site-diluted spin chain materials SrCu <sup>x</sup> Ni <sub>1-x</sub> O <sub>2</sub> . Physical Review B, 2016, 93, .	1.1	7
47	Magnetotransport and de Haas-van Alphen measurements in the type-II Weyl semimetal TaIrTe <sub>4</sub> . Physical Review B, 2016, 94, .		
48	Single crystal growth of spin-ladder compound La <sub>8</sub> Cu <sub>7</sub> O <sub>19</sub> by the travelling-solvent floating zone method. Journal of Crystal Growth, 2016, 448, 21-28.	0.7	2
49	Crystal growth and electronic phase diagram of Na <sub>4</sub> Ir <sub>2</sub> Te <sub>5</sub> . Physical Review B, 2015, 91, .		
50	Superconducting spin-valve effect and triplet superconductivity in Co <sub>x</sub> Ir <sub>1-x</sub> O. Physical Review B, 2015, 91, .	1.1	38
51	Granular behavior observed in the polycrystalline superconducting LiFeAs. Superconductor Science and Technology, 2015, 28, 025006.	1.8	8
52	Suppression of the impurity-induced local magnetism by the opening of a spin pseudogap in Ni-doped Sr <sub>2</sub> IrO <sub>4</sub> . Physical Review B, 2015, 92, .	1.1	7
53	Characterization of Doped Na(Fe <sup>x</sup> T <sub>1-x</sub> )As Single Crystals with T = Pd, Ni, Cr, and Mn. Journal of Superconductivity and Novel Magnetism, 2015, 28, 1123-1127.	0.8	5
54	Spin gap in the single spin-cuprate Sr <sub>1.9</sub> Ca <sub>0.1</sub> Ir <sub>2</sub> Te <sub>5</sub> . Physical Review B, 2015, 91, .	1.1	15

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55	Spin density wave order and fluctuations in Mn <sub>3</sub> Si: A transport study. Physical Review B, 2014, 90, .	1.1	10
56	Bond disorder and spinon heat transport in the S=12 Heisenberg spin chain compound Sr <sub>2</sub> CuO <sub>3</sub> : From clean to dirty limits. Physical Review B, 2014, 89, .	1.1	15
57	Thermoelectric effects and magnetic anisotropy of Ga <sub>1-x</sub> Mn <sub>x</sub> films. Physical Review B, 2014, 90, .	1.1	26
58	Growth of single crystalline delafossite LaCuO <sub>2</sub> by the travelling-solvent floating zone method. Journal of Crystal Growth, 2014, 402, 304-307.	0.7	5
59	Crystal Growth, Structure, and Transport Properties of the Charge-Transfer Salt Picene <sub>2,3,5,6</sub> -Tetrafluoro-7,7,8,8-tetracyanoquinodimethane. Crystal Growth and Design, 2014, 14, 1338-1346.	1.4	66
60	Specific heat of Ca <sub>0.32</sub> S crystals: Unconventional superconductivity with i. Physical Review B, 2014, 89, .	1.1	24
61	Half-Metallic Ferromagnetism with Unexpectedly Small Spin Splitting in the Heusler Compound Co <sub>2</sub> FeSi. Physical Review Letters, 2013, 110, 066601.	2.9	123
62	Disordered magnetism in superconducting KFe <sub>2</sub> As <sub>2</sub> single crystals. Physica Status Solidi (B): Basic Research, 2013, 250, 593-598.	0.7	13
63	Evidence for a vortex "glass" transition in superconducting Ba(Fe <sub>0.9</sub> Co <sub>0.1</sub> ) <sub>2</sub> As <sub>2</sub> . Journal of Physics Condensed Matter, 2013, 25, 505701.	0.7	16
64	Evidence of d-wave superconductivity in KNa <sub>1-x</sub> Fe <sub>x</sub> As <sub>2</sub> single crystals. Physical Review Letters, 2013, 110, 017006.	1.1	87
65	Interband Quasiparticle Scattering in Superconducting LiFeAs Reconciles Photoemission and Tunneling Measurements. Physical Review Letters, 2013, 110, 017006.	2.9	14
66	Structural study of monolayer cobalt phthalocyanine adsorbed on graphite. Surface Science, 2013, 608, 55-60.	0.8	20
67	Phonon-Magnon Interaction in Low Dimensional Quantum Magnets Observed by Dynamic Heat Transport Measurements. Physical Review Letters, 2013, 110, 147206.	2.9	32
68	Spin Pseudogap in Ni-Doped SrCu <sub>2</sub> O <sub>2</sub> . Physical Review Letters, 2013, 111, 067204.	2.9	39
69	Low temperature ballistic spin transport in the S= 1/2 antiferromagnetic Heisenberg chain compound SrCuO <sub>2</sub> . Journal of Physics Condensed Matter, 2013, 25, 365601.	0.7	14
70	Role of in-plane and out-of-plane dilution in CeFeAsO: Charge doping versus disorder. Physical Review B, 2013, 87, .	1.1	27
71	Specific heat and upper critical fields in KFe <sub>2</sub> As <sub>2</sub> single crystals. Physical Review B, 2012, 85, .	1.1	80
72	Publisher's Note: Specific heat and upper critical fields in KFe <sub>2</sub> As <sub>2</sub> single crystals [Phys. Rev. B 85, 134533 (2012)]. Physical Review B, 2012, 85, .	1.1	3

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73	Incommensurate magnetic fluctuations and Fermi surface topology in LiFeAs. Physical Review B, 2012, 86, .	1.1	27
74	Probing Local Hydrogen Impurities in Quasi-Free-Standing Graphene. ACS Nano, 2012, 6, 10590-10597.	7.3	24
75	Spinon heat transport and spin-phonon interaction in the spin-1/2 Heisenberg chain cuprates $\text{Sr}_2\text{CuO}_3$ and $\text{SrCuO}_2$ . Journal of Statistical Mechanics: Theory and Experiment, 2012, 2012, P03006.	0.9	31
76	Magnetic Frustration, Phase Competition, and the Magnetoelectric Effect in $\text{NdFe}_3\text{BO}_3$ . Physical Review Letters, 2012, 109, 267202.	2.9	62
77	Probing the Unconventional Superconducting State of LiFeAs by Quasiparticle Interference. Physical Review Letters, 2012, 108, 127001.	1.1	42
78	Hole doping in $\text{BaFe}_2\text{As}_2$ : The case of $\text{Ba}_{1-x}\text{Gd}_x\text{Fe}_2\text{As}_2$ . Journal of Experimental and Theoretical Physics, 2012, 114, 662-670.	0.2	3
79	$\text{Gd}^{3+}$ electron spin resonance spectroscopy on $\text{LaO}_1-x\text{F}_x\text{FeAs}$ superconductors. Journal of Experimental and Theoretical Physics, 2012, 114, 662-670.	0.7	9
80	Raman evidence for the superconducting gap and spin-phonon coupling in the superconductor $\text{Ca}(\text{Fe}_{0.95}\text{Co}_{0.05})_2\text{As}_2$ . Journal of Physics Condensed Matter, 2011, 23, 255403.		
81			

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91	Nernst effect of stripe ordering $\text{La}_{1.8}\text{Eu}_{0.2}\text{Sr}_x\text{CuO}_4$ . European Physical Journal: Special Topics, 2010, 188, 103-112.	1.2	18
92	High Field ESR Spectroscopy on $\text{GdO}_1\text{F}_x\text{FeAs}$ . Journal of Low Temperature Physics, 2010, 159, 172-175.	0.6	0
93	Observation of the Fermi surface, the band structure, and their diffraction replicas of $\text{Sr}_{14}\text{Ca}_x\text{Cu}_{24}\text{O}_{41}$ by angle-resolved photoemission spectroscopy. Physical Review B, 2010, 81, .	1.1	9
94	Plasmons and interband transitions of $\text{Ca}_{11}\text{Sr}_3\text{Cu}_{24}\text{O}_{41}$ investigated by electron energy-loss spectroscopy. Physical Review B, 2010, 82, .	1.1	7
95	Pinning effects in ceramic $\text{SmO}$ revealed by microwave absorption. Physical Review B, 2010, 81, .	1.1	1
96	Crystal and magnetic structure of the oxypnictide superconductor $\text{LaFeAsO}$ . A neutron-diffraction study. Physical Review B, 2010, 82, .	1.1	81
97	Bridging Charge-Orbital Ordering and Fermi Surface Instabilities in Half-Doped Single-Layered Manganite $\text{La}_{0.5}\text{Sr}$ . Physical Review Letters, 2010, 105, 147201.	2.9	14
98	Graphene Synthesis on Cubic SiC/Si Wafers. Perspectives for Mass Production of Graphene-Based Electronic Devices. Nano Letters, 2010, 10, 992-995.	4.5	199
99	Magnetodielectric and magnetoelastic coupling in $\text{TbFe}_3$ . Physical Review B, 2010, 82, .	1.1	55
100	Ballistic heat transport of quantum spin excitations as seen in $\text{SrCuO}_2$ . Physical Review B, 2010, 81, .	1.1	120
101	Critical current and vortex dynamics in single crystals of $\text{Ca}$ . Physical Review B, 2010, 82, .	1.1	32
102	Nonresonant x-ray magnetic scattering on rare-earth iron borates $\text{R}_2\text{Fe}$ . Physical Review B, 2010, 82, .	1.1	26
103	Heat conductivity of the spin-Peierls compounds $\text{TiOCl}$ and $\text{TiOBr}$ . Physical Review B, 2010, 81, .	1.1	3
104	Local antiferromagnetic correlations in the iron pnictide superconductors $\text{LaFeAsO}$ . Physical Review B, 2010, 81, .	1.1	10
105	Single Crystal Growth and Characterization of Superconducting $\text{LiFeAs}$ . Crystal Growth and Design, 2010, 10, 4428-4432.	1.4	54
106	Imaging the Essential Role of Spin Fluctuations in High- $T_c$ Superconductivity. Physical Review Letters, 2009, 103, 227001.	2.9	40
107	Thermal expansion of $\text{LaFeAsO}$ . Evidence for high-temperature fluctuations. Physical Review B, 2009, 80, .	1.1	27
108	Highly ordered, half-metallic $\text{Co}_2\text{FeSi}$ single crystals. Applied Physics Letters, 2009, 95, .	1.5	49

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109	The intrinsic electronic phase diagram of iron-oxypnictide superconductors. Europhysics Letters, 2009, 87, 17005.	0.7	108
110	1-((1S)-Aminobenzyl)-2-naphthol: A New Chiral Auxiliary for the Synthesis of Enantiopure 1S-Aminophosphonic Acids. Chemistry - A European Journal, 2009, 15, 6718-6722.	1.7	36
111	The electronic phase diagram of the LaO <sub>1-x</sub> F <sub>x</sub> FeAs superconductor. Nature Materials, 2009, 8, 305-309.	13.3	390
112	Vital clues from a basic compound. Nature Materials, 2009, 8, 615-616.	13.3	18
113	Surface of underdoped YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-δ</sub> as revealed by STM/STS. European Physical Journal B, 2009, 69, 483-489.	0.6	5
114	Synthesis and physical properties of LaO <sub>1-x</sub> F <sub>x</sub> FeAs. European Physical Journal B, 2009, 70, 461-468.	0.6	42
115	Andreev spectroscopy of LaFeAsO. Physical Review B, 2009, 79, .	1.1	123
116	Temperature and Doping-Dependent Renormalization Effects of the Low Energy Electronic Structure of Ba <sub>1-x</sub> K <sub>x</sub> FeAsO. Physical Review Letters, 2009, 102, 167001.	2.9	268
117	Crystals. Physical Review Letters, 2009, 102, 167001.	1.1	123
118	NMR Studies of Superconducting LaFeAsO <sub>0.9</sub> F <sub>0.1</sub> . Physical Review Letters, 2008, 101, 077005.	2.9	268
119	Upper critical field, penetration depth, and depinning frequency of the high-temperature superconductor LaFeAsO <sub>0.9</sub> F <sub>0.1</sub> studied by microwave surface impedance. Physical Review B, 2008, 78, .	1.1	17
120	Commensurate Spin Density Wave in LaFeAsO: A Local Probe Study. Physical Review Letters, 2008, 101, 077005.	2.9	267
121	High-Field Pauli-Limiting Behavior and Strongly Enhanced Upper Critical Magnetic Fields near the Transition Temperature of an Arsenic-Deficient LaO <sub>0.9</sub> F <sub>0.1</sub> FeAs. Physical Review Letters, 2008, 101, 257003.	2.9	85
122	Magnetic ordering and negative thermal expansion in PrFeAsO. Physical Review B, 2008, 78, .	1.1	94
123	Optical Study of LaO <sub>0.9</sub> F <sub>0.1</sub> FeAs: Evidence for a Weakly Coupled Superconducting State. Physical Review Letters, 2008, 101, 257004.	2.9	22
124	Field and Temperature Dependence of the Superfluid Density in LaFeAsO <sub>0.9</sub> F <sub>0.1</sub> Superconductors: A Muon Spin Relaxation Study. Physical Review Letters, 2008, 101, 097009.	2.9	106
125	Crossover in charge transport from one-dimensional copper-oxygen chains to two-dimensional ladders in (La,Y)(Sr,Ca) <sub>14</sub> YCu <sub>24</sub> O <sub>41</sub> . Physical Review B, 2008, 78, .	1.1	4
126	One- and Two-Triplon Spectra of a Cuprate Ladder. Physical Review Letters, 2007, 98, 027403.	2.9	106



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127	Magnetization and specific heat of TbFe <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> : Experiment and crystal-field calculations. Physical Review B, 2007, 75, .	1.1	69
128	Linear Temperature Dependence of the Magnetic Heat Conductivity in CaCu <sub>2</sub> O <sub>3</sub> . Physical Review Letters, 2007, 98, 027201.	2.9	52
129	Spectroscopic investigations on layered sodium cobaltates. Physica C: Superconductivity and Its Applications, 2007, 460-462, 487-488.	0.6	0
130	Thermal conductivity of underdoped YBa <sub>2</sub> Cu <sub>3</sub> O <sub>y</sub> . Physica C: Superconductivity and Its Applications, 2007, 460-462, 746-747.	0.6	5
131	The low-dimensional spin magnet CaCu <sub>2</sub> O <sub>3</sub> probed by high-field ESR. Journal of Magnetism and Magnetic Materials, 2007, 310, 1251-1253.	1.0	1
132	Magnon hole scattering in. Journal of Magnetism and Magnetic Materials, 2007, 310, e412-e414.	1.0	2
133	Thermodynamic properties of NdFe <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> . Journal of Magnetism and Magnetic Materials, 2007, 316, e621-e623.	1.0	21
134	Magnetic and thermal properties of single-crystal NdFe <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> . Journal of Experimental and Theoretical Physics, 2007, 105, 105-107.	0.2	17
135	Heat conduction in low-dimensional quantum magnets. European Physical Journal: Special Topics, 2007, 151, 73-83.	1.2	140
136	Magnon heat conductivity and mean free paths in two-leg spin ladders: A model-independent determination. Physical Review B, 2006, 73, .	1.1	32
137	X-ray absorption spectroscopy of Na <sub>x</sub> CoO <sub>2</sub> layered cobaltates. Physical Review B, 2006, 74, .	1.1	29
138	Heat transport in doped $\text{La}_{1-x}\text{Sr}_x\text{CuO}_2$ . Journal of Magnetism and Magnetic Materials, 2006, 310, 1251-1253.	1.0	18
139	Heat transport in doped $\text{La}_{1-x}\text{Sr}_x\text{CuO}_2$ . Journal of Magnetism and Magnetic Materials, 2006, 310, 1251-1253.	1.0	15
140	Phonon thermal conductivity in single layered manganites. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 937-939.	1.0	4
141	Phase diagrams of (La,Y,Sr,Ca) <sub>1-x</sub> Cu <sub>2-4x</sub> O <sub>4-1</sub> : Switching between the ladders and the chains. European Physical Journal Special Topics, 2005, 131, 299-304.	0.2	3
142	Magnon-Hole Scattering and Charge Order in Sr <sub>1-x</sub> CaxCu <sub>2</sub> O <sub>4</sub> . Physical Review Letters, 2004, 93, 027005.	2.9	49
143	Thermal conductivity of doped $\text{La}_{2-x}\text{CuO}_4$ as an example for heat transport by optical phonons in complex materials. European Physical Journal B, 2004, 38, 37-41.	0.6	19
144	Phonon thermal conductivity in doped La <sub>2</sub> CuO <sub>4</sub> : Relevant scattering mechanisms. Physical Review B, 2003, 68, .	1.1	28

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145	Magnon Heat Transport in Doped $\text{La}_2\text{CuO}_4$ . <i>Physical Review Letters</i> , 2003, 90, 197002.	2.9	89
146	Anisotropic CE-type orbital correlations in the ferromagnetic metallic phase of $\text{Nd}_{1/2}\text{Sr}_{1/2}\text{MnO}_3$ . <i>Physical Review B</i> , 2002, 66, .	1.1	34
147	Thermal and Electronic Transport Properties and Two-Phase Mixtures in $\text{La}_{5/8-x}\text{Pr}_x\text{Ca}_{3/8}\text{MnO}_3$ . <i>Physical Review Letters</i> , 2000, 84, 2961-2964.	2.9	178
148	Phonon thermal conductivity and stripe correlations in $\text{La}_{2-x}\text{Sr}_x\text{NiO}_4$ and $\text{Sr}_{1.5}\text{La}_{0.5}\text{MnO}_4$ . <i>Physical Review B</i> , 1999, 59, R10397-R10400.	1.1	26
149	Phonon Thermal Conductivity of Stripe Ordering $\text{La}_{2-x}\text{Sr}_x\text{NiO}_4$ . <i>Journal of Low Temperature Physics</i> , 1999, 117, 1083-1087.	0.6	4
150	Study of the high-spin structure of $^{146}\text{Pm}$ . <i>Nuclear Physics A</i> , 1995, 588, 767-782.	0.6	10