

Christian Hess

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143
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150
ext. papers

5,517
ext. citations

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avg, IF

5.07
L-index

#	Paper	IF	Citations
143	The electronic phase diagram of the LaO(1-x)F(x)FeAs superconductor. <i>Nature Materials</i> , 2009 , 8, 305-9	27	363
142	Commensurate spin density wave in LaFeAsO: a local probe study. <i>Physical Review Letters</i> , 2008 , 101, 077005	7.4	258
141	⁷⁵ As NMR studies of superconducting LaFeAsO _{0.9} F _{0.1} . <i>Physical Review Letters</i> , 2008 , 101, 047003	7.4	254
140	Thermal and electronic transport properties and two-phase mixtures in La(5/8-x)Pr(x)Ca(3/8)MnO ₃ . <i>Physical Review Letters</i> , 2000 , 84, 2961-4	7.4	173
139	Graphene synthesis on cubic SiC/Si wafers. perspectives for mass production of graphene-based electronic devices. <i>Nano Letters</i> , 2010 , 10, 992-5	11.5	164
138	Field and temperature dependence of the superfluid density in LaFeAsO _{1-x} F _x superconductors: a muon spin relaxation study. <i>Physical Review Letters</i> , 2008 , 101, 097009	7.4	160
137	Heat conduction in low-dimensional quantum magnets. <i>European Physical Journal: Special Topics</i> , 2007 , 151, 73-83	2.3	131
136	Chemical Aspects of the Candidate Antiferromagnetic Topological Insulator MnBi ₂ Te ₄ . <i>Chemistry of Materials</i> , 2019 , 31, 2795-2806	9.6	114
135	Interplay of rare earth and iron magnetism in RFeAsO (R=La, Ce, Pr, and Sm): Muon-spin relaxation study and symmetry analysis. <i>Physical Review B</i> , 2009 , 80,	3.3	114
134	Ballistic heat transport of quantum spin excitations as seen in SrCuO ₂ . <i>Physical Review B</i> , 2010 , 81,	3.3	108
133	The intrinsic electronic phase diagram of iron-oxypnictide superconductors. <i>Europhysics Letters</i> , 2009 , 87, 17005	1.6	103
132	Local antiferromagnetic correlations in the iron pnictide superconductors LaFeAsO _{1-x} F _x and Ca(Fe _{1-x} Cox) ₂ As ₂ as seen via normal-state susceptibility. <i>Physical Review B</i> , 2010 , 81,	3.3	95
131	Unusual Phonon Heat Transport in Θ -RuCl ₃ : Strong Spin-Phonon Scattering and Field-Induced Spin Gap. <i>Physical Review Letters</i> , 2018 , 120, 117204	7.4	88
130	Magnetic ordering and negative thermal expansion in PrFeAsO. <i>Physical Review B</i> , 2008 , 78,	3.3	87
129	One- and two-triplon spectra of a cuprate ladder. <i>Physical Review Letters</i> , 2007 , 98, 027403	7.4	85
128	Half-metallic ferromagnetism with unexpectedly small spin splitting in the Heusler compound Co ₂ FeSi. <i>Physical Review Letters</i> , 2013 , 110, 066601	7.4	83
127	High-field pauli-limiting behavior and strongly enhanced upper critical magnetic fields near the transition temperature of an arsenic-deficient LaO _{0.9} F _{0.1} FeAs _{1-δ} superconductor. <i>Physical Review Letters</i> , 2008 , 101, 237003	7.4	76

126	Magnon heat transport in doped La ₂ CuO ₄ . <i>Physical Review Letters</i> , 2003 , 90, 197002	7.4	75
125	Specific heat and upper critical fields in KFe ₂ As ₂ single crystals. <i>Physical Review B</i> , 2012 , 85,	3.3	73
124	Crystal and magnetic structure of the oxypnictide superconductor LaFeAsO _{1-x} Fx: A neutron-diffraction study. <i>Physical Review B</i> , 2010 , 82,	3.3	72
123	Ba ₂ YIrO ₆ : A cubic double perovskite material with Ir ⁵⁺ ions. <i>Physical Review B</i> , 2016 , 93,	3.3	71
122	Magnetization and specific heat of TbFe ₃ (BO ₃) ₄ : Experiment and crystal-field calculations. <i>Physical Review B</i> , 2007 , 75,	3.3	67
121	Probing the unconventional superconducting state of LiFeAs by quasiparticle interference. <i>Physical Review Letters</i> , 2012 , 108, 127001	7.4	59
120	Phase diagram of the iron arsenide superconductors Ca(Fe _{1-x} Cox) ₂ As ₂ (0 ≤ x ≤ 0.2). <i>Physical Review B</i> , 2011 , 83,	3.3	59
119	Crystal Growth, Structure, and Transport Properties of the Charge-Transfer Salt Picene/2,3,5,6-Tetrafluoro-7,7,8,8-tetracyanoquinodimethane. <i>Crystal Growth and Design</i> , 2014 , 14, 1338-1346	3.5	54
118	Topological Electronic Structure and Intrinsic Magnetization in MnBi ₄ Te ₇ : A Bi ₂ Te ₃ Derivative with a Periodic Mn Sublattice. <i>Physical Review X</i> , 2019 , 9,	9.1	51
117	Magnon-hole scattering and charge order in Sr _{14-x} Ca _x Cu ₂₄ O ₄₁ . <i>Physical Review Letters</i> , 2004 , 93, 027005	7.4	48
116	Single Crystal Growth and Characterization of Superconducting LiFeAs. <i>Crystal Growth and Design</i> , 2010 , 10, 4428-4432	3.5	46
115	Linear temperature dependence of the magnetic heat conductivity in CaCu ₂ O ₃ . <i>Physical Review Letters</i> , 2007 , 98, 027201	7.4	46
114	Magnetotransport and de Haas-van Alphen measurements in the type-II Weyl semimetal TaIrTe ₄ . <i>Physical Review B</i> , 2016 , 94,	3.3	44
113	Magnetodielectric and magnetoelastic coupling in TbFe ₃ (BO ₃) ₄ . <i>Physical Review B</i> , 2010 , 82,	3.3	43
112	Highly ordered, half-metallic Co ₂ FeSi single crystals. <i>Applied Physics Letters</i> , 2009 , 95, 161903	3.4	43
111	Mg ₃ (Bi,Sb) ₂ single crystals towards high thermoelectric performance. <i>Energy and Environmental Science</i> , 2020 , 13, 1717-1724	35.4	41
110	Synthesis and physical properties of LaO _{1-x} F _x FeAs. <i>European Physical Journal B</i> , 2009 , 70, 461-468	1.2	41
109	Berry curvature unravelled by the anomalous Nernst effect in Mn ₃ Ge. <i>Physical Review B</i> , 2019 , 100,	3.3	40

108	Imaging the essential role of spin fluctuations in high-T(c) superconductivity. <i>Physical Review Letters</i> , 2009 , 103, 227001	7.4	38
107	Evidence of d-wave superconductivity in $K1-xNaxFe2As2$ ($x=0,0.1$) single crystals from low-temperature specific-heat measurements. <i>Physical Review B</i> , 2013 , 87,	3.3	36
106	1-(Alpha-aminobenzyl)-2-naphthol: a new chiral auxiliary for the synthesis of enantiopure alpha-aminophosphonic acids. <i>Chemistry - A European Journal</i> , 2009 , 15, 6718-22	4.8	35
105	Hole doping in $BaFe2As2$: The case of $Ba1-xNaxFe2As2$ single crystals. <i>Physical Review B</i> , 2012 , 85,	3.3	34
104	Spin pseudogap in Ni-doped $SrCuO2$. <i>Physical Review Letters</i> , 2013 , 111, 067204	7.4	33
103	Resistivity and Hall effect of $LiFeAs$: Evidence for electron-electron scattering. <i>Physical Review B</i> , 2011 , 84,	3.3	33
102	Anisotropic CE-type orbital correlations in the ferromagnetic metallic phase of $Nd1/2Sr1/2MnO3$. <i>Physical Review B</i> , 2002 , 66,	3.3	32
101	Critical current and vortex dynamics in single crystals of $Ca(Fe1-xCox)2As2$. <i>Physical Review B</i> , 2010 , 82,	3.3	31
100	Photoemission-induced gating of topological insulators. <i>Physical Review B</i> , 2011 , 83,	3.3	31
99	Andreev spectroscopy of $LaFeAsO0.9F0.1$. <i>Physical Review B</i> , 2009 , 79,	3.3	31
98	Magnon heat conductivity and mean free paths in two-leg spin ladders: A model-independent determination. <i>Physical Review B</i> , 2006 , 73,	3.3	31
97	Large thermal Hall effect in $UBuCl3$: Evidence for heat transport by Kitaev-Heisenberg paramagnons. <i>Physical Review B</i> , 2019 , 99,	3.3	30
96	Superconducting spin-valve effect and triplet superconductivity in $CoOx/Fe1/Cu/Fe2/Cu/Pb$ multilayer. <i>Physical Review B</i> , 2015 , 91,	3.3	30
95	X-ray absorption spectroscopy of $NaxCoO2$ layered cobaltates. <i>Physical Review B</i> , 2006 , 74,	3.3	28
94	Anomalous Nernst effect and field-induced Lifshitz transition in the Weyl semimetals TaP and $TaAs$. <i>Physical Review B</i> , 2018 , 98,	3.3	28
93	Spin gap in the zigzag spin-1/2 chain cuprate $Sr(0.9)Ca(0.1)CuO(2)$. <i>Physical Review Letters</i> , 2011 , 107, 017203	7.4	27
92	Spinon heat transport and spin-phonon interaction in the spin-1/2 Heisenberg chain cuprates $Sr2CuO3$ and $SrCuO2$. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2012 , 2012, P03006	1.9	26
91	Role of in-plane and out-of-plane dilution in $CeFeAsO$: Charge doping versus disorder. <i>Physical Review B</i> , 2013 , 87,	3.3	26

90	Thermal expansion of LaFeAsO _{1-x} Fx: Evidence for high-temperature fluctuations. <i>Physical Review B</i> , 2009 , 80,	3.3	26
89	Phonon thermal conductivity in doped La ₂ CuO ₄ : Relevant scattering mechanisms. <i>Physical Review B</i> , 2003 , 68,	3.3	26
88	Incommensurate magnetic fluctuations and Fermi surface topology in LiFeAs. <i>Physical Review B</i> , 2012 , 86,	3.3	25
87	Nonresonant x-ray magnetic scattering on rare-earth iron borates RFe ₃ (BO ₃) ₄ . <i>Physical Review B</i> , 2010 , 82,	3.3	25
86	Phonon thermal conductivity and stripe correlations in La _{2-x} Sr _x NiO ₄ and Sr _{1.5} La _{0.5} MnO ₄ . <i>Physical Review B</i> , 1999 , 59, R10397-R10400	3.3	25
85	Specific heat of Ca _{0.32} Na _{0.68} Fe ₂ As ₂ single crystals: Unconventional s _d multiband superconductivity with intermediate repulsive interband coupling and sizable attractive intraband couplings. <i>Physical Review B</i> , 2014 , 89,	3.3	23
84	Phonon-magnon interaction in low dimensional quantum magnets observed by dynamic heat transport measurements. <i>Physical Review Letters</i> , 2013 , 110, 147206	7.4	23
83	Single crystal growth and physical properties of superconducting ferro-pnictides Ba(Fe, Co) ₂ As ₂ grown using self-flux and Bridgman techniques. <i>Journal of Crystal Growth</i> , 2011 , 314, 341-348	1.6	23
82	Probing local hydrogen impurities in quasi-free-standing graphene. <i>ACS Nano</i> , 2012 , 6, 10590-7	16.7	22
81	Optical study of LaO _{0.9} F _{0.1} FeAs: evidence for a weakly coupled superconducting state. <i>Physical Review Letters</i> , 2008 , 101, 257004	7.4	22
80	Thermoelectric effects and magnetic anisotropy of Ga _{1-x} Mn _x As thin films. <i>Physical Review B</i> , 2014 , 90,	3.3	21
79	Magnetic frustration, phase competition, and the magnetoelectric effect in NdFe ₃ (BO ₃) ₄ . <i>Physical Review Letters</i> , 2012 , 109, 267202	7.4	21
78	Temperature and doping-dependent renormalization effects of the low energy electronic structure of Ba _{1-x} K _x Fe ₂ As ₂ single crystals. <i>Physical Review Letters</i> , 2009 , 102, 167001	7.4	20
77	Thermodynamic properties of NdFe ₃ (BO ₃) ₄ . <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 316, e621-e623	2.8	19
76	Pinning effects in ceramic SmO _{1-x} F _x FeAs as revealed by microwave absorption. <i>Physical Review B</i> , 2010 , 81,	3.3	18
75	Unusual Nernst effect and spin density wave precursors in superconducting LaFeAsO _{1-x} Fx. <i>Physical Review B</i> , 2011 , 83,	3.3	18
74	High-field electron spin resonance spectroscopy study of GdFeAsO _{1-x} Fx superconductors. <i>Physical Review B</i> , 2011 , 83,	3.3	18
73	Nernst effect of stripe ordering La _{1.8-x} Eu _{0.2} Sr _x CuO ₄ . <i>European Physical Journal: Special Topics</i> , 2010 , 188, 103-112	2.3	18

72	Upper critical field, penetration depth, and depinning frequency of the high-temperature superconductor $\text{LaFeAsO}_{0.9}\text{F}_{0.1}$ studied by microwave surface impedance. <i>Physical Review B</i> , 2008 , 78,	3.3	17
71	Thermal conductivity of doped ($\text{La}_{2-x}\text{CuO}_{4-x}$) as an example for heat transport by optical phonons in complex materials. <i>European Physical Journal B</i> , 2004 , 38, 37-41	1.2	17
70	Heat transport in doped . <i>Journal of Magnetism and Magnetic Materials</i> , 2005 , 290-291, 334-337	2.8	17
69	Spin dynamics and magnetic interactions of Mn dopants in the topological insulator Bi_2Te_3 . <i>Physical Review B</i> , 2016 , 94,	3.3	17
68	Structural study of monolayer cobalt phthalocyanine adsorbed on graphite. <i>Surface Science</i> , 2013 , 608, 55-60	1.8	16
67	Transport and thermal properties of single- and polycrystalline $\text{NiZr}_{0.5}\text{Hf}_{0.5}\text{Sn}$. <i>Applied Physics Letters</i> , 2011 , 99, 152112	3.4	16
66	Bond disorder and breakdown of ballistic heat transport in the spin-1/2 antiferromagnetic Heisenberg chain as seen in Ca-doped SrCuO_2 . <i>Physical Review B</i> , 2011 , 84,	3.3	16
65	Magnetic and thermal properties of single-crystal $\text{NdFe}_3(\text{BO}_3)_4$. <i>Journal of Experimental and Theoretical Physics</i> , 2007 , 105, 105-107	1	15
64	Scattering processes and magnon thermal conductivity in $\text{La}_5\text{Ca}_9\text{Cu}_{24}\text{O}_{41}$. <i>Journal of Magnetism and Magnetic Materials</i> , 2005 , 290-291, 322-325	2.8	15
63	Thermoelectric Properties of Novel Semimetals: A Case Study of YbMnSb . <i>Advanced Materials</i> , 2021 , 33, e2003168	24	15
62	Spin gap in the single spin-1/2 chain cuprate $\text{Sr}_{1.9}\text{Ca}_{0.1}\text{CuO}_3$. <i>Physical Review B</i> , 2014 , 89,	3.3	14
61	Bond disorder and spinon heat transport in the $S=1/2$ Heisenberg spin chain compound Sr_2CuO_3 : From clean to dirty limits. <i>Physical Review B</i> , 2014 , 89,	3.3	14
60	Bridging charge-orbital ordering and Fermi surface instabilities in half-doped single-layered manganite $\text{La}_{0.5}\text{Sr}_{1.5}\text{MnO}_3$. <i>Physical Review Letters</i> , 2010 , 105, 147201	7.4	14
59	Chemical vapor transport and characterization of MnBi_2Se_4 . <i>Journal of Crystal Growth</i> , 2017 , 459, 81-86	1.6	13
58	Evidence for a vortex-glass transition in superconducting $\text{Ba}(\text{Fe}_{0.9}\text{Co}_{0.1})_2\text{As}_2$. <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 505701	1.8	13
57	Interband quasiparticle scattering in superconducting LiFeAs reconciles photoemission and tunneling measurements. <i>Physical Review Letters</i> , 2013 , 110, 017006	7.4	13
56	Crystal growth and electronic phase diagram of d -doped $\text{Na}_{1-x}\text{Be}_{1-x}\text{Rh}_x\text{As}$ in comparison to d -doped $\text{Na}_{1-x}\text{Be}_{1-x}\text{Co}_x\text{As}$. <i>Physical Review B</i> , 2015 , 91,	3.3	13
55	Suppressed superconductivity in charge-doped $\text{Li}(\text{Fe}_{1-x}\text{Co}_x)\text{As}$ single crystals. <i>Physical Review B</i> , 2011 , 84,	3.3	13

54	Heat transport of cuprate-based low-dimensional quantum magnets with strong exchange coupling. <i>Physics Reports</i> , 2019 , 811, 1-38	27.7	12
53	Disordered magnetism in superconducting KFe ₂ As ₂ single crystals. <i>Physica Status Solidi (B): Basic Research</i> , 2013 , 250, 593-598	1.3	12
52	Low temperature ballistic spin transport in the S = 1/2 antiferromagnetic Heisenberg chain compound SrCuO ₂ . <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 365601	1.8	12
51	Hydrodynamical description for magneto-transport in the strange metal phase of Bi-2201. <i>Physical Review Research</i> , 2020 , 2,	3.9	12
50	Substrate-Independent Magnetic Bistability in Monolayers of the Single-Molecule Magnet Dy ScN@C on Metals and Insulators. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 5756-5764	16.4	12
49	Two distinct superconducting phases in LiFeAs. <i>Scientific Reports</i> , 2016 , 6, 27926	4.9	11
48	Study of the high-spin structure of ¹⁴⁶ Pm. <i>Nuclear Physics A</i> , 1995 , 588, 767-782	1.3	10
47	A calorimetric investigation of RbFe ₂ As ₂ single crystals. <i>Physica Status Solidi (B): Basic Research</i> , 2017 , 254, 1600208	1.3	9
46	Spin pseudogap in the S=12 chain material Sr ₂ CuO ₃ with impurities. <i>Physical Review B</i> , 2017 , 95,	3.3	8
45	Raman evidence for the superconducting gap and spin-phonon coupling in the superconductor Ca(Fe _{0.95} Co _{0.05}) ₂ As ₂ . <i>Journal of Physics Condensed Matter</i> , 2011 , 23, 255403	1.8	8
44	Pseudospin transport in the J _{eff} = 1/2 antiferromagnet Sr ₂ IrO ₄ . <i>Europhysics Letters</i> , 2016 , 114, 57007	1.6	8
43	Suppression of the impurity-induced local magnetism by the opening of a spin pseudogap in Ni-doped Sr ₂ CuO ₃ . <i>Physical Review B</i> , 2015 , 92,	3.3	7
42	Observation of the Fermi surface, the band structure, and their diffraction replicas of Sr ₁₄ CaxCu ₂₄ O ₄₁ by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2010 , 81,	3.3	7
41	STM Study of Au(111) Surface-Grafted Paramagnetic Macrocyclic Complexes [Ni ₂ L(Hmba)] ⁽⁺⁾ via Ambidentate Coligands. <i>Langmuir</i> , 2016 , 32, 4464-71	4	7
40	Granular behavior observed in the polycrystalline superconducting LiFeAs. <i>Superconductor Science and Technology</i> , 2015 , 28, 025006	3.1	6
39	Impact of concomitant Y and Mn substitution on superconductivity in La _{1-x} Y _y Fe _{1-x} Mn _x AsO _{0.89} F _{0.11} . <i>Physical Review B</i> , 2018 , 97,	3.3	6
38	Magnetic ordering in the ultrapure site-diluted spin chain materials SrCu _{1-x} Ni _x O ₂ . <i>Physical Review B</i> , 2016 , 93,	3.3	6
37	Spin density wave order and fluctuations in Mn ₃ Si : A transport study. <i>Physical Review B</i> , 2014 , 90,	3.3	6

36	Plasmons and interband transitions of $\text{Ca}_{11}\text{Sr}_3\text{Cu}_{24}\text{O}_{41}$ investigated by electron energy-loss spectroscopy. <i>Physical Review B</i> , 2010 , 82,	3.3	6
35	Defect states in LiFeAs as seen by low-temperature scanning tunneling microscopy and spectroscopy. <i>Physica Status Solidi (B): Basic Research</i> , 2017 , 254, 1600159	1.3	5
34	Effect of different in-chain impurities on the magnetic properties of the spin chain compound SrCuO_2 probed by NMR. <i>Physical Review B</i> , 2017 , 96,	3.3	5
33	Nematicity in $\text{LaFeAsO}_{1-x}\text{F}_x$. <i>Physica Status Solidi (B): Basic Research</i> , 2017 , 254, 1600214	1.3	5
32	Surface of underdoped $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ revealed by STM/STS. <i>European Physical Journal B</i> , 2009 , 69, 483-489	1.2	5
31	High-field thermal transport properties of the Kitaev quantum magnet RuCl_3 : Evidence for low-energy excitations beyond the critical field. <i>Physical Review B</i> , 2020 , 102,	3.3	5
30	Unusual magnetotransport properties in a FeAs single crystal. <i>Physical Review B</i> , 2016 , 93,	3.3	4
29	Growth of single crystalline delafossite LaCuO_2 by the travelling-solvent floating zone method. <i>Journal of Crystal Growth</i> , 2014 , 402, 304-307	1.6	4
28	Adsorption characteristics of $\text{ErN}@$ Con W(110) and Au(111) studied via scanning tunneling microscopy and spectroscopy. <i>Beilstein Journal of Nanotechnology</i> , 2017 , 8, 1127-1134	3	4
27	Crossover in charge transport from one-dimensional copper-oxygen chains to two-dimensional ladders in $(\text{La},\text{Y})_y(\text{Sr},\text{Ca})_{14-y}\text{Cu}_{24}\text{O}_{41}$. <i>Physical Review B</i> , 2008 , 78,	3.3	4
26	Thermal conductivity of underdoped $\text{YBa}_2\text{Cu}_3\text{O}_y$. <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 460-462, 746-747	1.3	4
25	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	1.3	4
24	State with spontaneously broken time-reversal symmetry above the superconducting phase transition. <i>Nature Physics</i> ,	16.2	4
23	Evolution of the Nematic Susceptibility in $\text{LaFe}_{1-x}\text{Co}_x\text{AsO}$. <i>Physical Review Letters</i> , 2020 , 125, 067001	4	4
22	Combined resistivity and Hall effect study on $\text{NaFe}_{1-x}\text{Rh}_x\text{As}$ single crystals. <i>Physical Review B</i> , 2016 , 94,	3.3	4
21	Spectroscopic evidence of nematic fluctuations in LiFeAs. <i>Physical Review B</i> , 2019 , 100,	3.3	3
20	Characterization of Doped $\text{Na}(\text{Fe}_{1-x}\text{T}_x)\text{As}$ Single Crystals with T = Pd, Ni, Cr, and Mn. <i>Journal of Superconductivity and Novel Magnetism</i> , 2015 , 28, 1123-1127	1.5	3
19	Gd^{3+} electron spin resonance spectroscopy on $\text{LaO}_{1-x}\text{F}_x\text{FeAs}$ superconductors. <i>Journal of Experimental and Theoretical Physics</i> , 2012 , 114, 662-670	1	3

18	Phonon thermal conductivity in single layered manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 2005 , 290-291, 937-939	2.8	3
17	Phase diagrams of (La,Y,Sr,Ca) ₁₄ Cu ₂₄ O ₄₁ : Switching between the ladders and the chains. <i>European Physical Journal Special Topics</i> , 2005 , 131, 299-304		3
16	Spin-polaron ladder spectrum of the spin-orbit-induced Mott insulator Sr ₂ IrO ₄ probed by scanning tunneling spectroscopy. <i>Physical Review B</i> , 2019 , 99,	3.3	2
15	An ultra-high vacuum scanning tunneling microscope operating at sub-Kelvin temperatures and high magnetic fields for spin-resolved measurements. <i>Review of Scientific Instruments</i> , 2018 , 89, 065104	1.7	2
14	Heat conductivity of the spin-Peierls compounds TiOCl and TiOBr. <i>Physical Review B</i> , 2010 , 81,	3.3	2
13	Publisher's Note: Specific heat and upper critical fields in KFe ₂ As ₂ single crystals [Phys. Rev. B 85, 134533 (2012)]. <i>Physical Review B</i> , 2012 , 85,	3.3	2
12	Magnon-phonon scattering in. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, e412-e414	2.8	2
11	Incommensurate magnet iron monophosphide FeP: Crystal growth and characterization. <i>Physical Review Materials</i> , 2020 , 4,	3.2	2
10	La ₆ Pd _{2+x} Sb ₁₅ (x = 0.28): A rare-earth palladium intermetallic compound with extended pnictogen ribbons. <i>Journal of Solid State Chemistry</i> , 2020 , 291, 121578	3.3	2
9	Single crystal growth of spin-ladder compound La ₈ Cu ₇ O ₁₉ by the travelling-solvent floating zone method. <i>Journal of Crystal Growth</i> , 2016 , 448, 21-28	1.6	1
8	The low-dimensional spin magnet CaCu ₂ O ₃ probed by high-field ESR. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 1251-1253	2.8	1
7	Disorder-induced coupling of Weyl nodes in WTe ₂ . <i>Physical Review Research</i> , 2020 , 2,	3.9	1
6	Evidence for a percolative Mott insulator-metal transition in doped Sr ₂ IrO ₄ . <i>Physical Review Research</i> , 2021 , 3,	3.9	1
5	Physical properties optimization of polycrystalline LiFeAs. <i>Physica C: Superconductivity and Its Applications</i> , 2016 , 529, 8-20	1.3	1
4	Substrate-Independent Magnetic Bistability in Monolayers of the Single-Molecule Magnet Dy ₂ ScN@C ₈₀ on Metals and Insulators. <i>Angewandte Chemie</i> , 2020 , 132, 5805-5813	3.6	0
3	Laser-Assisted Floating Zone Growth of BaFe ₂ S ₃ Large-Sized Ferromagnetic-Impurity-Free Single Crystals. <i>Crystals</i> , 2021 , 11, 758	2.3	0
2	High Field ESR Spectroscopy on GdO _{1-x} F _x FeAs. <i>Journal of Low Temperature Physics</i> , 2010 , 159, 172-175	1.3	3
1	Spectroscopic investigations on layered sodium cobaltates. <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 460-462, 487-488	1.3	3

