

Andreas Erb

List of Publications by Year in descending order

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196
papers

6,630
citations

76326

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75
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201
all docs

201
docs citations

201
times ranked

7914
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing spin-dependent dark matter interactions with ${}^6\text{Li}$. European Physical Journal C, 2022, 82, 1.	3.9	5
2	Magnetoelastic resonance as a probe for exchange springs at antiferromagnet-ferromagnet interfaces. Physical Review B, 2022, 105, .	3.2	3
3	Deviations from the extended London model at high magnetic fields in YBaCuO_{7-x} . Physical Review B, 2022, 105, .	3.2	2
4	Improving the Quality of CaWO_4 Target Crystals for CRESST. Journal of Low Temperature Physics, 2022, 209, 1128-1134.	1.4	4
5	Experimental evidence for Zeeman spin-orbit coupling in layered antiferromagnetic conductors. Npj Quantum Materials, 2021, 6, .	5.2	11
6	Superconductor-insulator transition in space charge doped one unit cell $\text{Bi}_2.1\text{Sr}_{1.9}\text{CaCu}_2\text{O}_{8+x}$. Nature Communications, 2021, 12, 2926.	12.8	9
7	Moissanite anvil cell single crystal NMR at pressures of up to 4.4 GPa. Review of Scientific Instruments, 2021, 92, 113901.	1.3	3
8	Twenty-three-millisecond electron spin coherence of erbium ions in a natural-abundance crystal. Science Advances, 2021, 7, eabj9786.	10.3	42
9	Cosmic activation of CRESSTs CaWO_4 crystals. Journal of Physics: Conference Series, 2021, 2156, 012227.	0.4	0
10	Lithium-Containing Crystals for Light Dark Matter Search Experiments. Journal of Low Temperature Physics, 2020, 199, 510-518.	1.4	6
11	Temperature-Independent Cuprate Pseudogap from Planar Oxygen NMR. Condensed Matter, 2020, 5, 66.	1.8	9
12	First results on low-mass dark matter from the CRESST-III experiment. Journal of Physics: Conference Series, 2020, 1342, 012076.	0.4	28
13	Emergence of pseudogap from short-range spin-correlations in electron-doped cuprates. Npj Quantum Materials, 2020, 5, .	5.2	12
14	Searches for Light Dark Matter with the CRESST-III Experiment. Journal of Low Temperature Physics, 2020, 199, 547-555.	1.4	11
15	Crossover to strange metal phase: quantum criticality in one unit cell $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+x}$. Journal of Physics Condensed Matter, 2020, 32, 045601.	1.8	2
16	Cryogenic characterization of a LiAlO_2 crystal and new results on spin-dependent dark matter interactions with ordinary matter. European Physical Journal C, 2020, 80, 1.	3.9	6
17	Development of a cryogenic alpha-screening facility at the shallow underground laboratory at TUM. Journal of Physics: Conference Series, 2020, 1468, 012248.	0.4	0
18	Latest results of CRESST-III's search for $²$ dark matter. Journal of Physics: Conference Series, 2020, 1468, 012038.	0.4	4

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19	Tc and Other Cuprate Properties in Relation to Planar Charges as Measured by NMR. Condensed Matter, 2019, 4, 67.	1.8	9
20	First results on sub-GeV spin-dependent dark matter interactions with ${}^7\text{Li}$. European Physical Journal C, 2019, 79, 1.	3.9	27
21	Exchange-Enhanced Ultrastrong Magnon-Magnon Coupling in a Compensated Ferrimagnet. Physical Review Letters, 2019, 123, 117204.	7.8	77
22	First results from the CRESST-III low-mass dark matter program. Physical Review D, 2019, 100, .	4.7	262
23	Geant4-based electromagnetic background model for the CRESST dark matter experiment. European Physical Journal C, 2019, 79, 881.	3.9	15
24	Limits on dark matter effective field theory parameters with CRESST-II. European Physical Journal C, 2019, 79, 1.	3.9	20
25	Magnetotransport evidence for irreversible spin reorientation in the collinear antiferromagnetic state of underdoped $\text{Nd}_{2-x}\text{Ce}_x\text{CuO}_4$. Physical Review B, 2018, 97, .	3.2	3
26	Lock-in thermography measurements of the spin Peltier effect in a compensated ferrimagnet and its comparison to the spin Seebeck effect. Journal Physics D: Applied Physics, 2018, 51, 194002.	2.8	21
27	Magnetic excitations and amplitude fluctuations in insulating cuprates. Physical Review B, 2018, 97, .	3.2	10
28	Bulk Charge Ordering in the CuO_2 Plane of the Cuprate Superconductor $\text{YBa}_2\text{Cu}_3\text{O}_{6.9}$ by High-Pressure NMR. Condensed Matter, 2018, 3, 23.	1.8	15
29	A Low Nuclear Recoil Energy Threshold for Dark Matter Search with CRESST-III Detectors. Journal of Low Temperature Physics, 2018, 193, 441-448.	1.4	7
30	TES-Based Light Detectors for the CRESST Direct Dark Matter Search. Journal of Low Temperature Physics, 2018, 193, 1160-1166.	1.4	17
31	NMR of Cuprate Superconductors: Recent Developments. Springer Series in Materials Science, 2017, , 77-97.	0.6	1
32	Impact of the interface quality of Pt/YIG(111) hybrids on their spin Hall magnetoresistance. Applied Physics Letters, 2017, 110, .	3.3	30
33	Low-energy spin dynamics and critical hole concentrations in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ (0.07% $\leq x \leq$ 0.2) revealed by La^{139} and Cu^{63} nuclear magnetic resonance. Physical Review B, 2017, 96, .	3.2	7
34	Observation of Caroli-de Gennes-Matignon Vortex States in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. Physical Review Letters, 2017, 119, 237001.	7.8	101
35	Dark-photon search using data from CRESST-II Phase 2. European Physical Journal C, 2017, 77, 1.	3.9	11
36	A prototype detector for the CRESST-III low-mass dark matter search. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 845, 414-417.	1.6	21

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37	Comprehensive phase diagram of two-dimensional space charge doped Bi ₂ Sr ₂ CaCu ₂ O _{8+x} . Nature Communications, 2017, 8, 2060.	12.8	37
38	Results on MeV-scale dark matter from a gram-scale cryogenic calorimeter operated above ground. European Physical Journal C, 2017, 77, 1.	3.9	132
39	Direct dark matter search with the CRESST-III experiment - status and perspectives. Journal of Physics: Conference Series, 2017, 888, 012209.	0.4	4
40	Search for dark photons using data from CRESST-II Phase 2. Journal of Physics: Conference Series, 2017, 888, 012208.	0.4	0
41	The CRESST-III low-mass WIMP detector. Journal of Physics: Conference Series, 2016, 718, 042048.	0.4	13
42	New results on low-mass dark matter from the CRESST-II experiment. Journal of Physics: Conference Series, 2016, 718, 042044.	0.4	2
43	New limits on double electron capture of ⁴⁰ Ca and ¹⁸⁰ W. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 095202.	3.6	13
44	In-situ study of light production and transport in phonon/light detector modules for dark matter search. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 821, 116-121.	1.6	8
45	Charge Variations in Cuprate Superconductors from Nuclear Magnetic Resonance. Journal of Superconductivity and Novel Magnetism, 2016, 29, 3017-3022.	1.8	7
46	Limits on Momentum-Dependent Asymmetric Dark Matter with CRESST-II. Physical Review Letters, 2016, 117, 021303.	7.8	7
47	Magnetostriction and Magnetostructural Domains in Antiferromagnetic $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. Physical Review Letters, 2016, 116, 047001.	7.8	11
48	Revisiting the vortex-core tunnelling spectroscopy in $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$. Nature Communications, 2016, 7, 11139.	12.8	21
49	Exploring Low-Mass Dark Matter with CRESST. Journal of Low Temperature Physics, 2016, 184, 866-872.	1.4	2
50	Results on light dark matter particles with a low-threshold CRESST-II detector. European Physical Journal C, 2016, 76, 1.	3.9	315
51	Correlation between Fermi surface transformations and superconductivity in the electron-doped high- T_c $\text{Nd}_{1-x}\text{Ce}_x\text{NiO}_2$. Physical Review B, 2015, 92, 040407.	3.9	39
52	Low-temperature scintillation properties of CaWO ₄ crystals for rare-event searches. Journal of Applied Physics, 2015, 118, 164505.	2.5	9
53	A detector module with highly efficient surface-alpha event rejection operated in CRESST-II Phase 2. European Physical Journal C, 2015, 75, 1.	3.9	22
54	Beta/gamma and alpha backgrounds in CRESST-II Phase 2. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 030-030.	5.4	27

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55	Impact of coherent neutrino nucleus scattering on direct dark matter searches based on CaWO ₄ crystals. <i>Astroparticle Physics</i> , 2015, 69, 44-49.	4.3	21
56	High magnetic field studies of the vortex lattice structure in YBa ₂ Cu ₃ O ₇ . <i>Physical Review B</i> , 2014, 90, .	3.2	10
57	Results on low mass WIMPs using an upgraded CRESST-II detector. <i>European Physical Journal C</i> , 2014, 74, 1.	3.9	159
58	Distribution of electrons and holes in cuprate superconductors as determined from ¹⁷ O and ⁶³ Cu nuclear magnetic resonance. <i>Physical Review B</i> , 2014, 90, .	3.2	35
59	Energy-dependent light quenching in CaWO ₄ crystals at mK temperatures. <i>European Physical Journal C</i> , 2014, 74, 1.	3.9	28
60	Radiopurity of CaWO ₄ crystals for direct dark matter search with CRESST and EURECA. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 018-018.	5.4	25
61	EURECA Conceptual Design Report. <i>Physics of the Dark Universe</i> , 2014, 3, 41-74.	4.9	41
62	Status Update on the CRESST Dark Matter Search. , 2014, , .		1
63	Charge Inhomogeneity in Electron-Doped Pr _{1.85} Ce _{0.15} CuO ₄ Determined with ⁶³ Cu NMR. <i>Journal of Superconductivity and Novel Magnetism</i> , 2013, 26, 2685-2688.	1.8	8
64	Growth of high-purity scintillating CaWO ₄ single crystals for the low-temperature direct dark matter search experiments CRESST-II and EURECA. <i>CrystEngComm</i> , 2013, 15, 2301.	2.6	33
65	¹³⁹ La NMR investigation in underdoped La _{1.93} Sr _{0.07} CuO ₄ . <i>Physical Review B</i> , 2012, 85, .	3.2	8
66	Vortex lock-in transition coinciding with the 3D to 2D crossover in YBa ₂ Cu ₃ O ₇ . <i>Physical Review B</i> , 2012, 86, .	3.2	0
67	Influence of annealing on the optical and scintillation properties of single crystals. <i>Optical Materials</i> , 2012, 34, 1843-1848.	3.6	14
68	Magnetic torque study of the temperature-dependent anisotropy parameter in overdoped superconducting single-crystal YBa ₂ Cu ₃ O _{7-x} . <i>Physical Review B</i> , 2011, 84, 020407.	3.2	9
69	Orbital ordering and the high-temperature superconducting transition in twin-free YBa ₂ Cu ₃ O _{7-x} . <i>Physical Review B</i> , 2011, 84, 020408.	3.2	9
70	Fermi surface of the electron-doped cuprate superconductor Nd _{2-x} Ce _x CuO ₄ probed by high-field magnetotransport. <i>New Journal of Physics</i> , 2011, 13, 015001.	2.9	39
71	Orbital ordering and the high-temperature superconducting transition in twin-free YBa ₂ Cu ₃ O _{7-x} . <i>Physical Review B</i> , 2011, 84, 020408.	3.2	20
72	Investigation of particle-hole asymmetry in the cuprates via electronic Raman scattering. <i>Physical Review B</i> , 2011, 84, .	3.2	13

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73	Pair breaking versus symmetry breaking: Origin of the Raman modes in superconducting cuprates. Physical Review B, 2011, 84, .	3.2	20
74	Observation of a first-order phase transition deep within the vortex-solid region of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. Superconductor Science and Technology, 2011, 24, 105019.	3.5	1
75	Advances in single crystal growth and annealing treatment of electron-doped HTSC. European Physical Journal: Special Topics, 2010, 188, 61-72.	2.6	23
76	Electron interactions and charge ordering in CuO_2 compounds. European Physical Journal: Special Topics, 2010, 188, 131-152.	2.6	33
77	Quantitative comparison of single- and two-particle properties in the cuprates. European Physical Journal: Special Topics, 2010, 188, 163-171.	2.6	13
78	Magnetic Breakdown in the Electron-Doped Cuprate Superconductor Nd_2CuO_7 . The Reconstructed Fermi Surface Survives in the Strongly Overdoped Regime. Physical Review Letters, 2010, 105, 247002.	3.8	62
79	Electronic Response of Quasiparticles and Phonons in Superconducting $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ by Midband Terahertz Spectroscopy. Physical Review Letters, 2010, 105, 067001.	3.2	22
80	Droplet-like Fermi surfaces in the anti-ferromagnetic phase of EuFe_2As_2 , an Fe-pnictide superconductor parent compound. Europhysics Letters, 2010, 89, 27007.	2.0	39
81	Orbital character variation of the Fermi surface and doping dependent changes of the dimensionality in BaFe_2As_2 . Physical Review B, 2010, 81, .	3.2	55
82	Evolution of the Fermi Surface of the Electron-Doped High-Temperature Superconductor Nd_2CuO_7 by Shubnikov-de Haas Oscillations. Physical Review Letters, 2009, 103, 157002.	7.8	120
83	Fermi Surface and Order Parameter Driven Vortex Lattice Structure Transitions in Twin-Free $\text{YBa}_2\text{Cu}_3\text{O}_7$. Physical Review Letters, 2009, 102, 097001.	7.8	28
84	Optimization of the Czochralski Growth Process for Calcium Tungstate Detector Crystals. EAS Publications Series, 2009, 36, 269-270.	0.3	2
85	Electronic structure of Pr_2CuO_7 via ARPES and $\text{La}_2\text{SrCuO}_4$. Physical Review B, 2009, 80, .	3.2	22
86	Doping dependence of the chemical potential and surface electronic structure in $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$ and $\text{La}_2\text{SrCuO}_4$ using hard x-ray photoemission spectroscopy. Physical Review B, 2009, 80, .	3.2	44
87	Relation between ordering and superconductivity in cuprates. Physica B: Condensed Matter, 2008, 403, 1092-1094.	2.7	1
88	Observations of the configuration of the high-field vortex lattice in $\text{YBa}_2\text{Cu}_3\text{O}_7$: Dependence upon temperature and angle of applied field. Physical Review B, 2008, 78, .	3.2	11
89	First-order-type effects in $\text{YBa}_2\text{Cu}_3\text{O}_7$ at the onset of superconductivity. Physical Review B, 2008, 78, .	3.2	22
90	Momentum and temperature dependence of renormalization effects in the high-temperature superconductor $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. Physical Review B, 2007, 76, .	3.2	52

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91	Search for stripes in antiferromagnetic lightly hole-doped $\text{YBa}_2\text{Cu}_3\text{O}_6$: An electron spin resonance and infrared transmission study. <i>Physical Review B</i> , 2007, 75, .	3.2	3
92	Effect of Zn and Ni impurities on the quasiparticle renormalization in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 882-883.	1.2	1
93	Charge ordering phenomena in high temperature superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 925-926.	1.2	0
94	Effect of Zn and Ni Impurities on the Quasiparticle Renormalization of Superconducting Bi-2212 . <i>Physical Review Letters</i> , 2006, 96, 037003.	7.8	24
95	Raman study of ordering phenomena in copper-oxygen systems. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 289-293.	4.0	2
96	Unadulterated spectral function of low-energy quasiparticles in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$. <i>Physical Review B</i> , 2006, 74, .	3.2	13
97	Ferromagnetism in Mn-doped ZnO due to impurity bands. <i>Superlattices and Microstructures</i> , 2005, 37, 327-332.	3.1	21
98	Magnetic moments of $\text{W}_5\text{dInCa}_2\text{CrWO}_6$ and Sr_2CrWO_6 double perovskites. <i>Physical Review B</i> , 2005, 72, .	3.2	35
99	Triangular to Square Flux Lattice Phase Transition in $\text{YBa}_2\text{Cu}_3\text{O}_7$. <i>Physical Review Letters</i> , 2004, 92, 067004.	7.8	90
100	Effect of rare earth ion substitution on the magnetic and transport properties of $\text{Pr}_{1-x}\text{RE}_x\text{Sr}_{1-x}\text{MnO}_3$ (RE = Er, Tm, Yb, Lu) <i>TJ ETQq0100 rgBT / Overlock 1</i>		
101	Neutron diffraction, specific heat and ^1H SR study of the spin-chain compounds $\text{Ca}_{2+x}\text{Y}_2\text{Cu}_5\text{O}_{10}$. <i>Physica B: Condensed Matter</i> , 2004, 350, E257-E259.	2.7	1
102	Magnetoresistance and Magnetic Properties of the Double Perovskites. <i>Acta Physica Polonica A</i> , 2004, 105, 7-26.	0.5	15
103	Sub-unit cell layer-by-layer growth of Fe_3O_4 , MgO , and Sr_2RuO_4 thin films. <i>Applied Physics A: Materials Science and Processing</i> , 2003, 77, 619-621.	2.3	27
104	Structural and doping effects in the half-metallic double perovskite A_2CrWO_6 (A=Sr, Ba, and Ca). <i>Physical Review B</i> , 2003, 68, .	3.2	333
105	Diagonal Antiferromagnetic Easy Axis in Lightly Hole Doped $\text{Y}_{1-x}\text{Ca}_x\text{Ba}_2\text{Cu}_3\text{O}_6$. <i>Physical Review Letters</i> , 2003, 91, 177001.	7.8	15
106	Orbital order and anisotropic transport properties in doped manganites induced by epitaxial coherency strain. <i>Journal of Applied Physics</i> , 2003, 93, 7373-7375.	2.5	20
107	Epitaxial growth and transport properties of Sr_2CrWO_6 thin films. <i>Journal of Applied Physics</i> , 2003, 93, 6853-6855.	2.5	31
108	Epitaxy of Fe_3O_4 on $\text{Si}(001)$ by pulsed laser deposition using a TiN/MgO buffer layer. <i>Journal of Applied Physics</i> , 2003, 94, 1857-1863.	2.5	36

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109	Verification of Nodeless Superconducting Pairing in Single-Crystal YBa ₂ Cu ₃ O ₇ . International Journal of Modern Physics B, 2003, 17, 3582-3593.	2.0	3
110	Anisotropy of the low-field critical point of the melting line of twinned YBa ₂ Cu ₃ O ₇ single crystals. Physical Review B, 2002, 65, .	3.2	2
111	Anomalous microwave conductivity due to collective transport in the pseudogap state of cuprate superconductors. Physical Review B, 2002, 65, .	3.2	15
112	Specific Heat Experiments in High Magnetic Fields: D-Wave Symmetry, Fluctuations, Vortex Melting. , 2002, , 403-421.		0
113	Oxygen Isotope Effect in the ab-Plane Reflectance of Underdoped YBa ₂ Cu ₃ O ₇ . Physical Review Letters, 2002, 89, 087003.	7.8	15
114	Anisotropic behaviour of the melting line and the low critical field in YBCO. Physica C: Superconductivity and Its Applications, 2002, 369, 209-212.	1.2	0
115	A light-scattering study of dynamical carrier properties in cuprate systems. Ferroelectrics, 2001, 249, 155-164.	0.6	0
116	Spin-dependent transport in the double-perovskite Sr ₂ CrWO ₆ . Applied Physics Letters, 2001, 79, 3654-3656.	3.3	71
117	ac Losses in Bi,Pb(2223) barrier tapes. Cryogenics, 2001, 41, 97-101.	1.7	24
118	Onset of dielectric modes at 110 K and 60 K due to local lattice distortions in nonsuperconducting YBa ₂ Cu ₃ O ₆ crystals. Physical Review B, 2001, 63, .	3.2	6
119	Direct observation and anisotropy of the contribution of gap nodes in the low-temperature specific heat of YBa ₂ Cu ₃ O ₇ . Physical Review B, 2001, 63, .	3.2	75
120	A Compton scattering study of insulating PrBa ₂ Cu ₃ O ₇ and superconducting YBa ₂ Cu ₃ O ₇ . Journal of Physics and Chemistry of Solids, 2000, 61, 357-360.	4.0	5
121	Experimental survey of critical fluctuations in the specific heat of high-temperature superconductors. Physica B: Condensed Matter, 2000, 280, 214-219.	2.7	33
122	Direct observation of the d-wave contribution to the low-temperature specific heat of the high-temperature superconductor YBa ₂ Cu ₃ O ₇ . Physica B: Condensed Matter, 2000, 284-288, 1043-1044.	2.7	16
123	The d-wave contribution to the low temperature specific heat of YBa ₂ Cu ₃ O ₇ . Physica C: Superconductivity and Its Applications, 2000, 341-348, 1073-1074.	1.2	1
124	Effect of doping on the linear temperature dependence of the magnetic penetration depth in cuprate superconductors. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1669-1670.	1.2	1
125	Influence of neutron irradiation on the fishtail behavior of YBa ₂ Cu ₃ O ₇ single crystals. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1467-1468.	1.2	4
126	Temperature dependence of tunneling spectra in YBa ₂ Cu ₃ O ₇ and Bi ₂ Sr ₂ CaCu ₂ O ₈ single crystals. Journal of Electron Spectroscopy and Related Phenomena, 2000, 109, 147-155.	1.7	12

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127	Observation of Out-of-Phase Bilayer Plasmons in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. <i>Physical Review Letters</i> , 2000, 84, 1575-1578.	7.8	81
128	Midinfrared absorption in $\text{YBa}_2\text{Cu}_3\text{O}_6$: Evidence for a failure of spin-wave theory for spin-1 in two dimensions. <i>Physical Review B</i> , 2000, 62, 12422-12426.	3.2	44
129	Carrier relaxation, pseudogap, and superconducting gap in high- T_c cuprates: A Raman scattering study. <i>Physical Review B</i> , 2000, 61, 9752-9774.	3.2	121
130	IMPORTANCE OF PHASE FLUCTUATIONS FOR THE MAGNETIC PENETRATION DEPTH OF CONVENTIONAL AND CUPRATE SUPERCONDUCTORS. <i>International Journal of Modern Physics B</i> , 2000, 14, 2932-2937.	2.0	3
131	Scaling of the Hall resistivity in the solid and liquid vortex phases in twinned single-crystal $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. <i>Physical Review B</i> , 2000, 61, 4215-4221.	3.2	32
132	Physical origin of the buckling in CuO_2 : Electron-phonon coupling and Raman spectra. <i>Physical Review B</i> , 1999, 60, 9836-9844.	3.2	49
133	Spin dynamics in the paramagnetic phase of $\text{YBa}_2\text{Cu}_3\text{O}_6$ as seen by Cu NMR. <i>Physical Review B</i> , 1999, 60, 9650-9661.	3.2	11
134	d -wave holes in tetravalent oxides of Ce and Pr and the Fehrenbacher-Rice hybrid in $\text{PrBa}_2\text{Cu}_3\text{O}_{7-x}$. <i>Physical Review B</i> , 1999, 60, 1460-1463.	3.2	27
135	Hole depletion and localization due to disorder in insulating $\text{PrBa}_2\text{Cu}_3\text{O}_{7-x}$: A Compton scattering study. <i>Physical Review B</i> , 1999, 59, 12127-12131.	3.2	50
136	D'Anna et al. Reply. <i>Physical Review Letters</i> , 1999, 82, 3379-3379.	7.8	0
137	D'Anna et al. Reply. <i>Physical Review Letters</i> , 1999, 82, 2414-2414.	7.8	1
138	Experimental evidence for fast cluster formation of chain oxygen vacancies in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ as the origin of the fishtail anomaly. <i>Solid State Communications</i> , 1999, 112, 245-249.	1.9	33
139	Charged magnons and magneto-elastic polarons in the mid-infrared spectrum of $\text{YBa}_2\text{Cu}_3\text{O}_6$. <i>Physica C: Superconductivity and Its Applications</i> , 1999, 317-318, 286-291.	1.2	10
140	Specific heat of high temperature superconductors in high fields at T_c : from BCS to the Bose-Einstein condensation. <i>Physica C: Superconductivity and Its Applications</i> , 1999, 317-318, 333-344.	1.2	65
141	First-order melting transition observed from resistivity measurements in ultra-pure $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ single crystals with high twin boundary density. <i>Physica C: Superconductivity and Its Applications</i> , 1999, 322, 203-208.	1.2	1
142	Pseudogap and Superconducting Gap in $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$: A Raman Study. <i>Journal of Low Temperature Physics</i> , 1999, 117, 347-351.	1.4	8
143	Interaction of Bi, Pb(2223) precursors with metal zirconates. <i>Superconductor Science and Technology</i> , 1999, 12, 411-416.	3.5	4
144	Raman Spectroscopy in $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$ and $\text{Bi}_2\text{Sr}_2(\text{Ca}_x\text{Y}_{1-x})\text{Cu}_2\text{O}_{8+x}$: Pseudogap and Superconducting Gap. <i>Physica Status Solidi (B): Basic Research</i> , 1999, 215, 471-476.	1.5	3

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145	High Resolution Specific Heat Experiments on the Vortex Melting Line in $\text{MBa}_2\text{Cu}_3\text{O}_x$ ($M=\text{Y, Dy and Eu}$) Crystals: Observation of First- and Second-Order Transitions Up to 16T. , 1999, , 489-504.		7
146	Calorimetric Study of the Transitions Between the Different Vortex States in $\text{YBa}_2\text{Cu}_3\text{O}_7$. , 1999, , 743-758.		5
147	$\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ single crystals revisited: Scanning probe data on very pure samples grown in BaZrO_3 crucibles. Applied Physics A: Materials Science and Processing, 1998, 66, S1219-S1222.	2.3	2
148	Pseudogap and superconducting gap in the electronic Raman spectra of underdoped cuprates. Journal of Physics and Chemistry of Solids, 1998, 59, 1942-1946.	4.0	12
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150	wave superconductivity: Analysis of the electronic Raman data of and other cuprates. European Physical Journal B, 1998, 5, 495-503.	1.5	24
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