Andreas Erb

List of Publications by Year
in descending order

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196	6,630	76326	74163
papers	citations	40 h-index	75 g-index

201	201	201	7914
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Direct Vortex Lattice Imaging and Tunneling Spectroscopy of Flux Lines onYBa2Cu3O7â^Î´. Physical Review Letters, 1995, 75, 2754-2757.	7.8	538
2	Structural and doping effects in the half-metallic double perovskiteA2CrWO6(A=Sr, Ba, and Ca). Physical Review B, 2003, 68, .	3.2	333
3	Results on light dark matter particles with a low-threshold CRESST-II detector. European Physical Journal C, 2016, 76, 1.	3.9	315
4	First results from the CRESST-III low-mass dark matter program. Physical Review D, 2019, 100, .	4.7	262
5	BaZrO3: the solution for the crucible corrosion problem during the single crystal growth of high-Tc superconductors REBa2Cu3O7â^Î´; RE = Y, Pr. Physica C: Superconductivity and Its Applications, 1995, 245, 245-251.	1.2	202
6	The use of BaZrO3 crucibles in crystal growth of the high-Tc superconductors Progress in crystal growth as well as in sample quality. Physica C: Superconductivity and Its Applications, 1996, 258, 9-20.	1.2	159
7	Results on low mass WIMPs using an upgraded CRESST-II detector. European Physical Journal C, 2014, 74, 1.	3.9	159
8	Site-specific and doping-dependent electronic structure ofYBa2Cu3Oxprobed by O 1sand Cu 2px-ray-absorption spectroscopy. Physical Review B, 1995, 51, 8529-8542.	3.2	146
9	dâ^'WaveScaling Relations in the Mixed-State Specific Heat ofYBa2Cu3O7. Physical Review Letters, 1998, 80, 3364-3367.	7.8	144
10	Pseudogap and Superconducting Gap in the Electronic Raman Spectra of Underdoped Cuprates. Physical Review Letters, 1997, 78, 4837-4840.	7.8	133
11	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
12	Carrier relaxation, pseudogap, and superconducting gap in high-Tccuprates: A Raman scattering study. Physical Review B, 2000, 61, 9752-9774.	3.2	121
13	Evolution of the Fermi Surface of the Electron-Doped High-Temperature Superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Nd</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mi>Ce</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi>CuO</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math> by Shubnikovâ€“de Haas Oscillations. Physical Review Letters, 2009, 103, 157002.	7.8	120
14	Femtosecond Response of Quasiparticles and Phonons in Superconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>YBa</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Cu</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">O</mml:mi><mml:mrow><mml:mn>7</mml:mn><mml:mo>â^'</mml:mo><mml:mi>Î´</mml:mi></mml:mrow></mml:msub></mml:math> by Wideband Terahertz Spectroscopy. Physical Review Letters, 2010, 105, 067001.	7.8	107
15	Reversible suppression of the so-called fishtail effect in ultra pure single crystals of YBa2Cu3O7?? achieved by proper oxygenation. Journal of Low Temperature Physics, 1996, 105, 1023-1028.	1.4	102
16	Calorimetric Transitions on the Melting Line of the Vortex System as a Function of Oxygen Deficiency in High-PurityYBa2Cu3Ox. Physical Review Letters, 1998, 80, 1722-1725.	7.8	95
17	Strong shift of the irreversibility line in high-Tcsuperconductors upon vortex shaking with an oscillating magnetic field. Physical Review B, 1998, 58, R5940-R5943.	3.2	92
18	Triangular to Square Flux Lattice Phase Transition inYBa2Cu3O7. Physical Review Letters, 2004, 92, 067004.	7.8	90

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19	X-ray absorption spectroscopy of detwinnedPrxY1âˆ’xBa2Cu3O7âˆ’ysingle crystals:Electronic structure and hole distribution. Physical Review B, 1997, 55, 9160-9160.	3.2	85
20	Specific heat peaks observed up to 16 T on the melting line of the vortex lattice in YBa2Cu3O7. Physica C: Superconductivity and Its Applications, 1997, 275, 245-258.	1.2	83
21	Observation of Out-of-Phase Bilayer Plasmons inYBa2Cu3O7âˆ’Î´. Physical Review Letters, 2000, 84, 1575-1578.	7.8	81
22	Exchange-Enhanced Ultrastrong Magnon-Magnon Coupling in a Compensated Ferrimagnet. Physical Review Letters, 2019, 123, 117204.	7.8	77
23	Direct observation and anisotropy of the contribution of gap nodes in the low-temperature specific heat ofYBa2Cu3O7. Physical Review B, 2001, 63, .	3.2	75
24	The â€œ90 Kâ€•plateau of oxygen deficient YBa2Cu3O7âˆ’Î´ single crystals. Physica C: Superconductivity and Its Applications, 1992, 198, 42-46.	1.2	74
25	Spin-dependent transport in the double-perovskite Sr2CrWO6. Applied Physics Letters, 2001, 79, 3654-3656.	3.3	71
26	Critical currents approaching the depairing limit at a twin boundary in YBa2Cu3O7âˆ’Î´. Nature, 1997, 390, 487-490.	27.8	67
27	Specific heat of high temperature superconductors in high fields at Tc: from BCS to the Boseâ€“Einstein condensation. Physica C: Superconductivity and Its Applications, 1999, 317-318, 333-344.	1.2	65
28	Magnetic Breakdown in the Electron-Doped Cuprate Superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Nd</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mo>âˆ’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Ce<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>x</mml:mi></mml:msub></mml:math>CuO4: The Reconstructed Fermi Surface Survives in the Strongly Overdoped Regime. Physical Review Letters, 2010, 105, 247002.	7.8	62
29	Microwave response ofYBa2Cu3O6.95crystals: Evidence for a multicomponent order parameter. Physical Review B, 1997, 55, R14733-R14736.	3.2	60
30	Orbital character variation of the Fermi surface and doping dependent changes of the dimensionality 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:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>As2. Physical Review B, 2010, 81, .	3.2	55
31	Evidence for chain superconductivity in near-stoichiometricYBa2Cu3Oxsingle crystals. Physical Review B, 1995, 52, R15727-R15730.	3.2	53
32	Momentum and temperature dependence of renormalization effects in the high-temperature superconductorYBa2Cu3O7âˆ’Î´. Physical Review B, 2007, 76, .	3.2	52
33	Hole depletion and localization due to disorder in insulatingPrBa2Cu3O7âˆ’Î´:A Compton scattering study. Physical Review B, 1999, 59, 12127-12131.	3.2	50
34	Physical origin of the buckling inCuO2: Electron-phonon coupling and Raman spectra. Physical Review B, 1999, 60, 9836-9844.	3.2	49
35	Improvements in crystal growth and crystal homogeneity and its impact on physics. Physica C: Superconductivity and Its Applications, 1997, 282-287, 89-92.	1.2	44
36	Midinfrared absorption inYBa2Cu3O6:Evidence for a failure of spin-wave theory for spin12in two dimensions. Physical Review B, 2000, 62, 12422-12426.	3.2	44

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37	Doping dependence of the chemical potential and surface electronic structure inYBa2Cu3O6+xandLa2â^'xSrxCuO4using hard x-ray photoemission spectroscopy. Physical Review B, 2009, 80, .	3.2	44
38	Twenty-threeâ€“millisecond electron spin coherence of erbium ions in a natural-abundance crystal. Science Advances, 2021, 7, eabj9786.	10.3	42
39	Melting of the flux line lattice observed by specific heat experiments in YBa2Cu3O7??. Journal of Low Temperature Physics, 1996, 105, 1099-1104.	1.4	41
40	EURECA Conceptual Design Report. Physics of the Dark Universe, 2014, 3, 41-74.	4.9	41
41	Droplet-like Fermi surfaces in the anti-ferromagnetic phase of EuFe ₂ As ₂ , an Fe-pnictide superconductor parent compound. Europhysics Letters, 2010, 89, 27007.	2.0	39
42	Fermi surface of the electron-doped cuprate superconductor Nd_{2â^'x}Ce_xCuO₄probed by high-field magnetotransport. New Journal of Physics, 2011, 13, 015001.	2.9	39
43	Correlation between Fermi surface transformations and superconductivity in the electron-doped high-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:ma xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Nd</mml:mi><mml:mrow><mml:mn>2</mml:m Physical Review B, 2015, 92, .	3.2	39
44	YBa2Cu3O7â^'Î´-BaCuO2-CuO: investigations on the phase diagram and growth of single crystals. II. Journal of Crystal Growth, 1994, 137, 487-492.	1.5	37
45	Comprehensive phase diagram of two-dimensional space charge doped Bi2Sr2CaCu2O8+x. Nature Communications, 2017, 8, 2060.	12.8	37
46	Magneto-optical observation of twisted vortices in type-II superconductors. Nature, 1997, 385, 702-705.	27.8	36
47	Epitaxy of Fe3O4 on Si(001) by pulsed laser deposition using a TiN/MgO buffer layer. Journal of Applied Physics, 2003, 94, 1857-1863.	2.5	36
48	Magnetic moments of W5dinCa2CrWO6andSr2CrWO6double perovskites. Physical Review B, 2005, 72, .	3.2	35
49	Distribution of electrons and holes in cuprate superconductors as determined from17OandCu63nuclear magnetic resonance. Physical Review B, 2014, 90, .	3.2	35
50	Specific heat peaks observed up to 16 T on the melting line of vortex matter inDyBa2Cu3O7. Physical Review B, 1998, 58, 11153-11156.	3.2	33
51	Experimental evidence for fast cluster formation of chain oxygen vacancies in YBa2Cu3O7â^'Î´ as the origin of the fishtail anomaly. Solid State Communications, 1999, 112, 245-249.	1.9	33
52	Experimental survey of critical fluctuations in the specific heat of high-temperature superconductors. Physica B: Condensed Matter, 2000, 280, 214-219.	2.7	33
53	Electron interactions and charge ordering in CuO 2 compounds. European Physical Journal: Special Topics, 2010, 188, 131-152.	2.6	33
54	Growth of high-purity scintillating CaWO4 single crystals for the low-temperature direct dark matter search experiments CRESST-II and EURECA. CrystEngComm, 2013, 15, 2301.	2.6	33

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55	YBa2Cu3O7âˆ'Î´-BaCuO2-CuO: investigations on the phase diagram and growth of single crystals I. The system BaCuO2-CuOx. Journal of Crystal Growth, 1993, 132, 389-395.	1.5	32
56	Scaling of the Hall resistivity in the solid and liquid vortex phases in twinned single-crystalYBa2Cu3O7âˆ'Î´. Physical Review B, 2000, 61, 4215-4221.	3.2	32
57	Observation of Carollaâ€ de Gennesâ€ Matricon Vortex States in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>YBa</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn><mml:mathvariant="normal">O</mml:mi></mml:mrow><mml:mrow><mml:mn>7</mml:mn><mml:mo>âˆ'</mml:mo><mml:mi>Î´</mml:mi> Physical Review Letters, 2017, 119, 237001.	7.8	31
58	Epitaxial growth and transport properties of Sr2CrWO6 thin films. Journal of Applied Physics, 2003, 93, 6853-6855.	2.5	31
59	Impact of the interface quality of Pt/YIG(111) hybrids on their spin Hall magnetoresistance. Applied Physics Letters, 2017, 110, .	3.3	30
60	Comparative study of oxygen diffusion in rare earth REBa2Cu3O7âˆ'Î´ single crystals (RE=Y, Er, Dy) with different impurity levels. Physica C: Superconductivity and Its Applications, 1998, 306, 188-198.	1.2	29
61	Systematics of two-component superconductivity inYBa2Cu3O6.95from microwave measurements of high-quality single crystals. Physical Review B, 1998, 57, 7986-7996.	3.2	29
62	Fermi Surface and Order Parameter Driven Vortex Lattice Structure Transitions in Twin-FreeYBa2Cu3O7. Physical Review Letters, 2009, 102, 097001.	7.8	28
63	Energy-dependent light quenching in CaWO $$_4$$ 4 crystals at mK temperatures. European Physical Journal C, 2014, 74, 1.	3.9	28
64	First results on low-mass dark matter from the CRESST-III experiment. Journal of Physics: Conference Series, 2020, 1342, 012076.	0.4	28
65	Oâˆ'2pholes in tetravalent oxides of Ce and Pr and the Fehrenbacher-Rice hybrid inPrBa2Cu3O7âˆ'Î´. Physical Review B, 1999, 60, 1460-1463.	3.2	27
66	Sub-unit cell layer-by-layer growth of Fe3O4, MgO, and Sr2RuO4 thin films. Applied Physics A: Materials Science and Processing, 2003, 77, 619-621.	2.3	27
67	Beta/gamma and alpha backgrounds in CRESST-II Phase 2. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 030-030.	5.4	27
68	First results on sub-GeV spin-dependent dark matter interactions with ^{7}Li. European Physical Journal C, 2019, 79, 1.	3.9	27
69	Radiopurity of CaWO₄ crystals for direct dark matter search with CRESST and EURECA. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 018-018.	5.4	25
70	In-situ resistivity measurements during the oxygenation of YBa2Cu3O7âˆ'Î´ and Gd0.8Y0.2Ba2Cu3O7âˆ'Î´ single crystals. Physica C: Superconductivity and Its Applications, 1996, 259, 83-91.	1.2	24
71	wave superconductivity: Analysis of the electronic Raman data of and other cuprates. European Physical Journal B, 1998, 5, 495-503.	1.5	24
72	ac Losses in Bi,Pb(2223) barrier tapes. Cryogenics, 2001, 41, 97-101.	1.7	24

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73	Effect of Zn and Ni Impurities on the Quasiparticle Renormalization of Superconducting Bi-2212. Physical Review Letters, 2006, 96, 037003.	7.8	24
74	Extracting the dynamical effective interaction and competing order from an analysis of Raman spectra of the high-temperature La<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:mi>Sr<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>CuO<mml:math xmlns:mml="http://www.w3.org/1998/M	3.2	24
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	First-order-type effects in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>YBa</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> the onset of superconductivity. Physical Review B, 2008, 78, .	3.2	22
77	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
78	Enhanced electronâ€“phonon coupling and its irrelevence to high T superconductivity. Solid State Communications, 1998, 108, 407-411.	1.9	21
79	Hall Anomaly and Vortex-Lattice Melting in Superconducting Single CrystalYBa2Cu3O7â^’Î´. Physical Review Letters, 1998, 81, 2530-2533.	7.8	21
80	Ferromagnetism in Mn-doped ZnO due to impurity bands. Superlattices and Microstructures, 2005, 37, 327-332.	3.1	21
81	Impact of coherent neutrino nucleus scattering on direct dark matter searches based on CaWO 4 crystals. Astroparticle Physics, 2015, 69, 44-49.	4.3	21
82	Revisiting the vortex-core tunnelling spectroscopy in YBa2Cu3O7â^’Î´. Nature Communications, 2016, 7, 11139.	12.8	21
83	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
84	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
85	Specific heat of high temperature superconductors in high magnetic fields. Physica C: Superconductivity and Its Applications, 1997, 282-287, 1399-1400.	1.2	20
86	Orbital order and anisotropic transport properties in doped manganites induced by epitaxial coherency strain. Journal of Applied Physics, 2003, 93, 7373-7375.	2.5	20
87	Progress in growth and characterization of twin-free YBa<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub><mml:math>Cu<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>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow />	3.2	20
88	Pair breaking versus symmetry breaking: Origin of the Raman modes in superconducting cuprates. Physical Review B, 2011, 84, .	3.2	20
89	Limits on dark matter effective field theory parameters with CRESST-II. European Physical Journal C, 2019, 79, 1.	3.9	20
90	TES-Based Light Detectors for the CRESST Direct Dark Matter Search. Journal of Low Temperature Physics, 2018, 193, 1160-1166.	1.4	17

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91	Direct observation of the d-wave contribution to the low-temperature specific heat of the high-temperature superconductor YBa2Cu3O7. Physica B: Condensed Matter, 2000, 284-288, 1043-1044.	2.7	16
92	Anomalous microwave conductivity due to collective transport in the pseudogap state of cuprate superconductors. Physical Review B, 2002, 65, .	3.2	15
93	Oxygen Isotope Effect in theab-Plane Reflectance of UnderdopedYBa2Cu3O7âˆ'Î´. Physical Review Letters, 2002, 89, 087003.	7.8	15
94	Diagonal Antiferromagnetic Easy Axis in Lightly Hole DopedY1âˆ'xCaxBa2Cu3O6. Physical Review Letters, 2003, 91, 177001.	7.8	15
95	Magnetostriction and Magnetostructural Domains in Antiferromagnetic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>YBa</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mrow><mml:mi mathvariant="normal">O</mml:mi></mml:mrow><mml:mrow><mml:mn>6</mml:mn></mml:mrow></mml:msub. Physical Review Letters, 2016, 116, 047001.	7.8	15
96	Bulk Charge Ordering in the CuO2 Plane of the Cuprate Superconductor YBa2Cu3O6.9 by High-Pressure NMR. Condensed Matter, 2018, 3, 23.	1.8	15
97	Geant4-based electromagnetic background model for the CRESST dark matter experiment. European Physical Journal C, 2019, 79, 881.	3.9	15
98	Magnetoresistance and Magnetic Properties of the Double Perovskites. Acta Physica Polonica A, 2004, 105, 7-26.	0.5	15
99	Optical investigation of Y1âˆ'zPrzBa2Cu3O7âˆ'Î´ single-domain crystals. A comparison between impurity-free and Al doped samples. Physica C: Superconductivity and Its Applications, 1996, 264, 11-18.	1.2	14
100	Influence of annealing on the optical and scintillation properties of single crystals. Optical Materials, 2012, 34, 1843-1848.	3.6	14
101	Scanning tunneling spectroscopy studies on YBa2Cu3O7??. Journal of Low Temperature Physics, 1996, 105, 1129-1134.	1.4	13
102	Unadulterated spectral function of low-energy quasiparticles inBi2Sr2CaCu2O8+Î´. Physical Review B, 2006, 74, .	3.2	13
103	Quantitative comparison of single- and two-particle properties in the cuprates. European Physical Journal: Special Topics, 2010, 188, 163-171.	2.6	13
104	Investigation of particle-hole asymmetry in the cuprates via electronic Raman scattering. Physical Review B, 2011, 84, .	3.2	13
105	The CRESST-III low-mass WIMP detector. Journal of Physics: Conference Series, 2016, 718, 042048.	0.4	13
106	New limits on double electron capture of40Ca and180W. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 095202.	3.6	13
107	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
108	Temperature dependence of tunneling spectra in YBa2Cu3O7âˆ'Î´ and Bi2Sr2CaCu2O8+Î´ single crystals. Journal of Electron Spectroscopy and Related Phenomena, 2000, 109, 147-155.	1.7	12

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109	Electronic structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Pr</mml:mtext></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>Ir2Zn20 via ARPES and<mml:math xmlns:mml="http://www.w3.org/1998/Math/. Physical Review B, 2009, 80, .	3.2	12
110	Emergence of pseudogap from short-range spin-correlations in electron-doped cuprates. Npj Quantum Materials, 2020, 5, .	5.2	12
111	D-wave specific heat in Y-123 and Bi-2212 single crystals: new data, alternative explanation. European Physical Journal D, 1996, 46, 1205-1206.	0.4	11
112	Evidence for multi-component superconducting order parameter from microwave measurements of YBa2Cu3O7â˜Î´ single crystals. Physica C: Superconductivity and Its Applications, 1997, 282-287, 256-259.	1.2	11
113	Observation of coherent Josephson response in the non-linear ab-plane microwave impedance of Y Ba2Cu3O6.95 single crystals. Physica C: Superconductivity and Its Applications, 1997, 282-287, 1601-1602.	1.2	11
114	Spin dynamics in the paramagnetic phase ofYBa2Cu3O6.12as seen by Cu NMR. Physical Review B, 1999, 60, 9650-9661.	3.2	11
115	Observations of the configuration of the high-field vortex lattice inYBa2Cu3O7: Dependence upon temperature and angle of applied field. Physical Review B, 2008, 78, .	3.2	11
116	Dark-photon search using data from CRESST-II Phase 2. European Physical Journal C, 2017, 77, 1.	3.9	11
117	Experimental evidence for Zeeman spinâ€“orbit coupling in layered antiferromagnetic conductors. Npj Quantum Materials, 2021, 6, .	5.2	11
118	Searches for Light Dark Matter with the CRESST-III Experiment. Journal of Low Temperature Physics, 2020, 199, 547-555.	1.4	11
119	Microwave properties of YBCO crystals grown in BaZrO3 crucibles: influence of c-axis currents. Journal of Physics and Chemistry of Solids, 1998, 59, 2105-2109.	4.0	10
120	Charged magnons and magneto-elastic polarons in the mid-infrared spectrum of YBa2Cu3O6. Physica C: Superconductivity and Its Applications, 1999, 317-318, 286-291.	1.2	10
121	High magnetic field studies of the vortex lattice structure inYBa2Cu3O7. Physical Review B, 2014, 90, .	3.2	10
122	Magnetic excitations and amplitude fluctuations in insulating cuprates. Physical Review B, 2018, 97, .	3.2	10
123	Specific heat of pure Y1â^'xPrxBa2Cu3O7â^'Î´single crystals in magnetic fields. Journal of Applied Physics, 1997, 81, 4227-4229.	2.5	9
124	Magnetic torque study of the temperature-dependent anisotropy parameter in overdoped superconducting single-crystal YBa<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Cu<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>O<mml:math xmlns:mml="http://www.w3.org/1998/Ma	3.2	9
125	Low-temperature scintillation properties of CaWO4 crystals for rare-event searches. Journal of Applied Physics, 2015, 118, 164505.	2.5	9
126	Tc and Other Cuprate Properties in Relation to Planar Charges as Measured by NMR. Condensed Matter, 2019, 4, 67.	1.8	9

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127	Temperature-Independent Cuprate Pseudogap from Planar Oxygen NMR. Condensed Matter, 2020, 5, 66.	1.8	9
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