Patrick Fournier

List of Publications by Year
in descending order

141	7,188	76031	64407
papers	citations	42 h-index	83 g-index

143	143	143	4903
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Probing the effect of Pr doping on the magnetic and magnetocaloric properties of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:mrow><mml:msub><mml:mtext>Ba</mml:mtext><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^’</mml:mo> double perovskites. Solid State Communications, 2022, 353, 114875.	0.9	0
2	Enlarging the magnetocaloric operating window of the Dy₂NiMnO₆double perovskite by lanthanum doping. Journal Physics D: Applied Physics, 2020, 53, 095001.	1.3	6
3	Analysis of the magnetic and magnetocaloric properties of ALaFeMnO6 (Aâ€‰=â€‰Sr, Ba, and Ca) double perovskites. Journal of Applied Physics, 2020, 127, .	1.1	14
4	Strong conventional and rotating magnetocaloric effects in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>TbV</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math> crystals over a wide cryogenic temperature range. Physical Review Materials, 2020, 4, .	0.9	5
5	Origin of the enhanced ferroelectricity in multiferroic SmMn2O5. Physical Review B, 2019, 100, .	1.1	7
6	Universal T-linear resistivity and Planckian dissipation in overdoped cuprates. Nature Physics, 2019, 15, 142-147.	6.5	197
7	Study of crystal-field excitations and infrared active phonons in TbMnO3. Journal of Physics Condensed Matter, 2018, 30, 175602.	0.7	8
8	Probing the role of Nd3+ ions in the weak multiferroic character of NdMn2O5 by optical spectroscopies. Physical Review B, 2018, 98, .	1.1	6
9	Unusual rotating magnetocaloric effect in the hexagonal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>ErMn</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> Electronic and magnetic properties of the candidate magnetocaloric-material double perovskites	1.1	30
10	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>La</mml:mi><mml:mn>2</mml:mn></mml:m , <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>La</mml:mi><mml:mn>2</mml:mn></mml:m Physical Review B, 2018, 98, .	1.1	21
11	Tailoring the Magnetocaloric Effect in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>La</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:m Thin Films. Physical Review Applied, 2018, 9, .	1.5	18
12	Advanced materials for magnetic cooling: Fundamentals and practical aspects. Applied Physics Reviews, 2017, 4, .	5.5	200
13	Comment on â€œGiant anisotropy of magnetocaloric effect in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>TbMn</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> single crystalsâ€• Physical Review B, 2017, 96, .	1.1	29
14	Analysis of the Anisotropic Magnetocaloric Effect in RMn2O5 Single Crystals. Magnetochemistry, 2017, 3, 36.	1.0	9
15	Review of the Magnetocaloric Effect in RMnO3 and RMn2O5 Multiferroic Crystals. Crystals, 2017, 7, 44.	1.0	67
16	Giant rotating magnetocaloric effect at low magnetic fields in multiferroic TbMn2O5 single crystals. Applied Physics Letters, 2016, 108, .	1.5	81
17	Large rotating magnetocaloric effect in the orthorhombic DyMnO3 single crystal. Solid State Communications, 2016, 239, 9-13.	0.9	52
18	Raman and crystal field studies of Tb-O bonds inTbMn2O5. Physical Review B, 2016, 94, .	1.1	19

#	Article	IF	Citations
19	Hot spot formation in electron-doped PCCO nanobridges. Physical Review B, 2016, 94, .	1.1	19
20	Raman and infrared study of 4f electronâ€“phonon coupling in HoVO₃. Journal of Physics Condensed Matter, 2016, 28, 435401.	0.7	3
21	Observation of large refrigerant capacity in the HoVO3 vanadate single crystal. Journal of Applied Physics, 2015, 118, .	1.1	26
22	Tâ€² and infinite-layer electron-doped cuprates. Physica C: Superconductivity and Its Applications, 2015, 514, 314-338.	0.6	49
23	Magnetocaloric properties of the hexagonal HoMnO3 single crystal revisited. Physica B: Condensed Matter, 2015, 478, 77-83.	1.3	37
24	On the magnetocaloric effect in the multiferroic hexagonal DyMnO3 single crystals. Journal of Magnetism and Magnetic Materials, 2015, 374, 252-257.	1.0	50
25	A study of the phase transition and magnetocaloric effect in multiferroic La2MnNiO6 single crystals. Journal of Applied Physics, 2014, 115, .	1.1	39
26	Analysis of the phase transition and magneto-thermal properties in La2CoMnO6 single crystals. Journal of Applied Physics, 2014, 116, .	1.1	37
27	Nernst effect in the electron-doped cuprate superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="normal">Pr</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mrow><mml:mi mathvariant="normal">Ce</mml:mi></mml:mrow><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mrow><mml:mi mathvariant="normal">CuO</mml:mi></mml:mrow><mml:mn>4</mml:mn></mml:msub></mml:math>: Superconducting fluctuatio. Physical Review B, 2014, 90, .	1.1	40
28	Anisotropy-enhanced giant reversible rotating magnetocaloric effect in HoMn2O5 single crystals. Applied Physics Letters, 2014, 104, .	1.5	154
29	Magnetic and micro-Raman studies of hexagonal-DyMnO₃. Journal of Physics Condensed Matter, 2013, 25, 066003.	0.7	5
30	Utility of the inverse partial fluorescence for electronic structure studies of battery materials. Applied Physics Letters, 2012, 100, .	1.5	21
31	Investigation of phonon behavior in Pr₂NiMnO₆by micro-Raman spectroscopy. Journal of Physics Condensed Matter, 2011, 23, 052202.	0.7	22
32	Colossal magnetoresistance of Nd<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>/</mml:mo><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:math>Sr<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>/</mml:mo><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:math>MnO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:math>. Physical Revie	1.1	10
33	Proximity effect in electron-doped cuprate Josephson junctions. Applied Physics Letters, 2011, 99, 032511.	1.5	4
34	Ramp-edge Josephson junctions made of Pr2â^’xCexCuO4Â±Î´ electrodes and barriers. Journal of Applied Physics, 2011, 109, 073912.	1.1	3
35	Magnetic properties and phonon behavior of Pr2NiMnO6 thin films. Applied Physics Letters, 2011, 98, 162506.	1.5	21
36	Effect of thickness on magnetic phase coexistence and electrical transport in Nd0.51Sr0.49MnO3 films. Applied Physics A: Materials Science and Processing, 2010, 99, 823-829.	1.1	9

#	Article	IF	Citations
37	Charge order quenching, Griffiths phase, and magnetotransport in polycrystalline Pr_{0.58}Ca_{0.42â”'y}Sr_yMnO₃ thin films. Physica Status Solidi (A) Applications and Materials Science, 2010, 207, 1922-1929.	0.8	3
38	Photoexcited carrier relaxation dynamics and terahertz response of photoconductive antennas made on proton bombarded GaAs materials. Journal of Applied Physics, 2010, 108, 124507.	1.1	3
39	Evidence of substrate induced charge order quenching, insulator metal transition, and colossal magnetoresistance in polycrystalline Pr0.58Ca0.42MnO3 thin films. Applied Physics Letters, 2010, 96, 052512.	1.5	20
40	Phase formation, phonon behavior, and magnetic properties of novel ferromagnetic La3BAlMnO9 (B=Co or Ni) triple perovskites. Journal of Applied Physics, 2010, 107, 09D916.	1.1	2
41	Origin of the anomalous Hall effect in the overdoped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>n</mml:mi></mml:math>-type superconductor <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> Physical Review B, 2010, 81, .	1.1	10
42	Multiferroic double perovskites: Opportunities, issues, and challenges. Journal of Applied Physics, 2010, 107, .	1.1	66
43	Antiferromagnetic fluctuations and the Hall effect of electron-doped cuprates: Possibility of a quantum phase transition at underdoping. Physical Review B, 2010, 81, .	1.1	20
44	Progress and perspectives on electron-doped cuprates. Reviews of Modern Physics, 2010, 82, 2421-2487.	16.4	532
45	Long-range Ni/Mn structural order in epitaxial double perovskite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>La</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:m films. Physical Review B, 2009, 79, .	1.1	106
46	Reply to â€œComment on â€˜Low-temperature phonon thermal conductivity of single-crystallineNd2CuO4: Effects of sample size and surface roughnessâ€™â€‰â€• Physical Review B, 2009, 79, .	1.1	1
47	Epitaxial thin films of the multiferroic double perovskite Bi2FeCrO6 grown on (100)-oriented SrTiO3 substrates: Growth, characterization, and optimization. Journal of Applied Physics, 2009, 105, .	1.1	68
48	Terahertz magnetotransport measurements in underdoped <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> comparison with angle-resolved photo. Physical Review B, 2009, 79, .	1.1	7
49	Influence of Ni/Mn cation order on the spin-phonon coupling in multifunctional <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>La</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:m films by polarized Raman spectroscopy. Physical Review B, 2009, 80, .	1.1	85
50	Stabilization and functional properties of La3NiAlMnO9 and La3CoAlMnO9 magnetoelectric triple perovskites. Applied Physics Letters, 2009, 94, .	1.5	7
51	Growth, magnetic properties, and Raman scattering of La2NiMnO6 single crystals. Journal of Applied Physics, 2009, 106, .	1.1	53
52	Impact of magnetic phase coexistence on magnetotransport in polycrystalline Nd_{0.51}Sr_{0.49}MnO₃thin film. Journal Physics D: Applied Physics, 2009, 42, 105009.	1.3	6
53	-NMR investigation of the vortex lattice near the interface of silver and thin films. Physica B: Condensed Matter, 2009, 404, 727-729.	1.3	0
54	Improving the growth of electron-doped thin films made by pulsed-laser deposition using excess CuO. Journal of Crystal Growth, 2009, 311, 1340-1345.	0.7	19

#	Article	IF	Citations
55	A radical approach to promote multiferroic coupling in double perovskites. Journal of Magnetism and Magnetic Materials, 2009, 321, 1743-1747.	1.0	30
56	Piezoresponse force microscopy and magnetic force microscopy characterization of Î³-Fe2O3â€“BiFeO3 nanocomposite/Bi3.25La0.75Ti3O12 multiferroic bilayers. Journal of Magnetism and Magnetic Materials, 2009, 321, 1799-1802.	1.0	9
57	A micro-Raman study of a Pr_{0.5}Ca_{0.5}MnO₃single crystal and thin films. Journal of Physics Condensed Matter, 2009, 21, 386004.	0.7	3
58	Emergence of the nodal portion of the Fermi surface due to the reduction process in the electron-doped cuprates. Physica B: Condensed Matter, 2008, 403, 1170-1172.	1.3	1
59	Cationic ordering and role of A-site ion in manganese-based double perovskites. Journal of Applied Physics, 2008, 103, 07E315.	1.1	14
60	Anomalous insulator-metal transition and weak ferromagnetism in Nd 0.37 Sr 0.63 MnO 3 thin films. Europhysics Letters, 2008, 84, 27003.	0.7	9
61	Complex microwave conductivity of Pr1.85Ce0.15CuO4âˆ'Î´ thin films using a cavity perturbation method. Journal of Applied Physics, 2008, 104, 123914.	1.1	1
62	Anomalously large ferromagnetic Curie temperature of epitaxial Bi2CoMnO6 thin films. Applied Physics Letters, 2008, 92, .	1.5	30
63	Low-temperature phonon thermal conductivity of single-crystalline<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Nd</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">Cu</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>: Effects of sample size and surface roughness. Physical Review B, 2008, 77, .	1.1	65
64	Editorial Note: Different roles of cerium substitution and oxygen reduction in transport inPr2âˆ'xCexCuO4thin films [Phys. Rev. B75, 024424 (2007)]. Physical Review B, 2007, 75, .	1.1	1
65	Different roles of cerium substitution and oxygen reduction in transport inPr2âˆ'xCexCuO4thin films. Physical Review B, 2007, 75, .	1.1	44
66	Impact of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Co</mml:mi><mml:mo>â€•</mml:mo><mml:mi mathvariant="normal">Mn</mml:mi></mml:mrow></mml:math>cation ordering on phonon anomalies in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">La</mml:mi><mml:mn>2</mml:mn></mm	1.1	126
67	Evidence of bidomain structure in double-perovskite La2CoMnO6 thin films. Applied Physics Letters, 2007, 90, 211915.	1.5	56
68	Competition between Antiferromagnetism and Superconductivity in the Electron-Doped Cuprates Triggered by Oxygen Reduction. Physical Review Letters, 2007, 99, 157002.	2.9	29
69	Magnetodielectric effect in double perovskite La2CoMnO6 thin films. Applied Physics Letters, 2007, 91, .	1.5	160
70	Observation of charge ordering by Raman scattering in Nd0.5Ca0.5MnO3thin films. Journal of Physics Condensed Matter, 2006, 18, 7193-7202.	0.7	2
71	Optical determination of the superconducting energy gap in electron-dopedPr1.85Ce0.15CuO4. Physical Review B, 2006, 74, .	1.1	34
72	Terahertz Radiation from YBa₂Cu₃O_{7-δ} Thin Film Antenna on LaAlO₃ Substrate. , 2006, , .		0

#	Article	IF	Citations
73	Resonant micro-Raman study of Nd0.5Sr0.5MnO3. Journal of Physics Condensed Matter, 2005, 17, 5247-5254.	0.7	6
74	Infrared Zeeman study of theNd3+â˜'Cu2+anisotropic exchange interaction inNd2CuO4. Physical Review B, 2005, 72, .	1.1	4
75	Impact of the reduction process on the long-range antiferromagnetism inNd1.85Ce0.15CuO4. Physical Review B, 2005, 72, .	1.1	12
76	Pr3+crystal-field excitation study of apical oxygen and reduction processes inPr2â˜'xCexCuO4Â±Î´. Physical Review B, 2004, 69, .	1.1	44
77	Field-Dependent Diamagnetic Transition in Magnetic SuperconductorSm1.85Ce0.15CuO4â˜'y. Physical Review Letters, 2004, 93, 147001.	2.9	12
78	Fourfold oscillations and anomalous magnetoresistance irreversibility in the nonmetallic regime ofPr1.85Ce0.15CuO4. Physical Review B, 2004, 69, .	1.1	18
79	Nodal Order Parameter in Electron-DopedPr2â˜'xCexCuO4â˜'Î´Superconducting Films. Physical Review Letters, 2004, 92, 157005.	2.9	42
80	Magneto-optical study of a single crystal of magnetic superconductor Sm1.85Ce0.15CuO4â˜'x. Physica C: Superconductivity and Its Applications, 2004, 405, 265-270.	0.6	1
81	Field-induced antiferromagnetic order in Pr2â˜'xCexCuO4. Physica C: Superconductivity and Its Applications, 2004, 408-410, 783-784.	0.6	3
82	Role of apical oxygen in 2-1-4 electron-doped superconductors. Physica C: Superconductivity and Its Applications, 2004, 408-410, 830-831.	0.6	7
83	Role of oxygen nonstoichiometry and the reduction process on the local structure ofNd2â˜'xCexCuO4Â±Î´. Physical Review B, 2004, 70, .	1.1	44
84	Double-peak resistivity transport properties of La0.67Ca0.33MnO3 ceramics. Solid State Communications, 2003, 125, 107-110.	0.9	22
85	Doping dependence of the upper critical field of electron-dopedPr2â˜'xCexCuO4thin films. Physical Review B, 2003, 68, .	1.1	30
86	Superconductivity and Field-Induced Magnetism inPr2â˜'xCexCuO4Single Crystals. Physical Review Letters, 2003, 91, 147002.	2.9	34
87	Blumberget al.Reply:. Physical Review Letters, 2003, 90, .	2.9	11
88	Campbell penetration depth of a superconductor in the critical state. Physical Review B, 2003, 67, .	1.1	30
89	Low-energy excitations around(Ï€/2,Ï€/2)points in the pseudogap phase ofNd1.85Ce0.15CuO4. Physical Review B, 2003, 67, .	1.1	22
90	Evidence of ad- tos-Wave Pairing Symmetry Transition in the Electron-Doped Cuprate SuperconductorPr2â˜'xCexCuO4. Physical Review Letters, 2002, 88, 207004.	2.9	159

#	Article	IF	Citations
91	Influence of oxygen isotope exchange on the ground state of manganites. Physical Review B, 2002, 65, .	1.1	11
92	Nonmonotonicdx2â^'y2Superconducting Order Parameter inNd2â^'xCexCuO4. Physical Review Letters, 2002, 88, 107002.	2.9	157
93	Magnetic-field dependence of electronic specific heat inPr1.85Ce0.15CuO4. Physical Review B, 2002, 66, .	1.1	18
94	Current Research Issues for the Electron-Doped Cuprates. , 2002, , 145-158.		2
95	Transport properties of proton-irradiated gallium nitride-based two-dimensional electron-gas system. IEEE Transactions on Nuclear Science, 2002, 49, 2702-2707.	1.2	39
96	Infrared optical properties ofPr2CuO4. Physical Review B, 2002, 66, .	1.1	9
97	Infrared transmission study of Pr 2 CuO 4 crystal-field excitations. European Physical Journal B, 2001, 23, 179-182.	0.6	11
98	Unconventional superconductivity observed with Raman spectroscopy in p- and n-type cuprates. Physica C: Superconductivity and Its Applications, 2001, 364-365, 541-544.	0.6	5
99	Breakdown of Fermi-liquid theory in a copper-oxide superconductor. Nature, 2001, 414, 711-715.	13.7	163
100	Inherent inhomogeneities in tunneling spectra ofBi2Sr2CaCu2O8â^'xcrystals in the superconducting state. Physical Review B, 2001, 64, .	1.1	233
101	Gapped tunneling spectra in the normal state ofPr2â^'xCexCuO4. Physical Review B, 2001, 64, .	1.1	38
102	Do Superconductors Have Zero Resistance in a Magnetic Field?. Physical Review Letters, 2001, 87, 067007.	2.9	62
103	Magnetic penetration depth in electron-doped cuprates - evidence for gap nodes. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1703-1704.	0.6	4
104	Polarized electronic Raman scattering in high-Tc superconductors. Physica C: Superconductivity and Its Applications, 2000, 341-348, 2189-2192.	0.6	3
105	Saturation of the phase coherence length at low temperatures in Pr1.95Ce0.05CuO4. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1941-1942.	0.6	1
106	Microwave electrodynamics of the electron-doped cuprate superconductors Pr2â^'xCexCuO4â^'y and Nd2â^'xCexCuO4â^'y. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1655-1658.	0.6	2
107	Transport and magnetic properties of La0.8Ce0.2MnO3 thin films grown by pulsed laser deposition. Journal of Magnetism and Magnetic Materials, 2000, 220, 161-166.	1.0	28
108	Low-energy quasiparticles in cuprate superconductors: A quantitative analysis. Physical Review B, 2000, 62, 3554-3558.	1.1	182

#	Article	IF	Citations
109	Measurements of the absolute value of the penetration depth in high-Tc superconductors using a low-Tc superconductive coating. Applied Physics Letters, 2000, 77, 4202-4204.	1.5	86
110	Phonon Screening in High-Temperature Superconductors. Physical Review Letters, 2000, 84, 5391-5394.	2.9	31
111	Microwave Electrodynamics of Electron-Doped Cuprate Superconductors. Physical Review Letters, 2000, 85, 3696-3699.	2.9	117
112	Evidence for Nodal Quasiparticles in Electron-Doped Cuprates from Penetration Depth Measurements. Physical Review Letters, 2000, 85, 3700-3703.	2.9	142
113	Anomalous saturation of the phase coherence length in underdopedPr2â^'xCexCuO4thin films. Physical Review B, 2000, 62, R11993-R11996.	1.1	43
114	Magnetic and Transport Properties of Ba6Fe8S15and BaFe2S3:Â Magnetoresistance in a Spin-Glass-Like Fe(II) System. Chemistry of Materials, 2000, 12, 3331-3336.	3.2	32
115	Oscillatory Exchange Coupling and Giant Positive Magnetoresistance inTiN/Fe3O4Superlattices. Physical Review Letters, 1999, 83, 1680-1683.	2.9	50
116	Pulsed-laser deposition of Pr2â^'xCexCuO4â^'y thin films and the effect of high-temperature post-annealing. Physica C: Superconductivity and Its Applications, 1998, 297, 15-22.	0.6	50
117	Insulator-Metal Crossover near Optimal Doping inPr2â^'xCexCuO4: Anomalous Normal-State Low Temperature Resistivity. Physical Review Letters, 1998, 81, 4720-4723.	2.9	173
118	The complex magnetic behavior and the role of dynamic structural fluctuations in La1.2Sr1.8Mn2O7 crystals. Journal of Applied Physics, 1998, 83, 7351-7353.	1.1	5
119	Thermomagnetic transport properties ofNd1.85Ce0.15CuO4+Î´films: Evidence for two types of charge carriers. Physical Review B, 1997, 56, 14149-14156.	1.1	76
120	Temperature and doping dependence of the Bi-Sr-Ca-Cu-O electronic structure and fluctuation effects. Physical Review B, 1997, 56, 14185-14189.	1.1	62
121	Unconventional Electronic Structure Evolution with Hole Doping inBi2Sr2CaCu2O8+Î´: Angle-Resolved Photoemission Results. Physical Review Letters, 1996, 76, 4841-4844.	2.9	599
122	Evolution of the Pseudogap State of High-TcSuperconductors with Doping. Physical Review Letters, 1996, 77, 3212-3215.	2.9	140
123	Excitation Gap in the Normal State of Underdoped Bi2Sr2CaCu2O8+delta. Science, 1996, 273, 325-329.	6.0	874
124	Lock-in transition in Bi2Sr2CaCu2O8+Î´ observed through 10GHz dissipation. European Physical Journal D, 1996, 46, 1593-1594.	0.4	2
125	Growth and annealing of (Bi1â^'xPbx)2Sr2CaCu2O8+Î´ single crystals. Physica C: Superconductivity and Its Applications, 1996, 257, 291-298.	0.6	17
126	Rapid suppression of the superconducting gap in overdopedBi2Sr2CaCu2O8+Î´. Physical Review B, 1996, 54, R15669-R15672.	1.1	36

#	Article	IF	Citations
127	Magnetization jumps and irreversibility inBi2Sr2CaCu2O8. Physical Review B, 1996, 53, 11807-11816.	1.1	49
128	Optical Conductivity of HighTcSuperconductors: From Underdoped to Overdoped. Physical Review Letters, 1996, 77, 1853-1856.	2.9	82
129	Analysis of the lock-in transition inBi2Sr2CaCu2O8+Î´single crystals through microwave dissipation. Physical Review B, 1996, 53, R14757-R14760.	1.1	27
130	Critical-state-model parameters of polycrystallineYBa2Cu3O7: Critical current in thin slabs and field penetration in hollow cylinders. Physical Review B, 1994, 50, 9548-9553.	1.1	7
131	Analysis of the intergrain critical state of polycrystallineYBa2Cu3O7â^'Î´using hollow cylinders. Physical Review B, 1994, 49, 15976-15983.	1.1	8
132	Measuring the critical current of high temperature superconductors in liquid nitrogen as a function of temperature. Review of Scientific Instruments, 1994, 65, 988-991.	0.6	5
133	The wall thickness dependence of the full penetration field of YBCO polycrystalline hollow cylinders and the generalized critical state model. Physica B: Condensed Matter, 1994, 194-196, 1833-1834.	1.3	1
134	The critical state model parameters of polycrystalline YBa2Cu3O7: Critical current in thin slabs and field penetration in hollow cylinders. Physica C: Superconductivity and Its Applications, 1994, 235-240, 3079-3080.	0.6	0
135	Interpretation of the generalized critical state model parameters from their temperature dependences and the effect of various heat treatments in polycrystalline YBa2Cu3O7. Physica C: Superconductivity and Its Applications, 1994, 235-240, 3081-3082.	0.6	3
136	Determination of full penetration field of Yî—¸Baî—¸Cuî—¸O hollow cylinders by low Ic Yî—¸Baî—¸Cuî—¸O superconducting probe: temperature dependence. Cryogenics, 1993, 33, 333-338.	0.9	6
137	Measurement of the Seebeck coefficient by an ac technique: Application to highâ€temperature superconductors. Review of Scientific Instruments, 1993, 64, 2938-2941.	0.6	16
138	Variable-range hopping in YBa2(Cu1-xMx)3O6+Î³[M=Fe, Zn]. Physica C: Superconductivity and Its Applications, 1991, 177, 159-164.	0.6	15
139	Infrared reflectance of YBa2(Cu1â^'xFex)3O7â^'u. Physica C: Superconductivity and Its Applications, 1990, 166, 431-436.	0.6	1
140	Formation of superconducting pellets and oriented films from Y2BaCuO5(green phase). Journal of Applied Physics, 1990, 67, 3776-3779.	1.1	1
141	Superconductivity in sulfur-containingR-Ba-Cu-O compounds. Physical Review B, 1989, 39, 11498-11502.	1.1	3