Cornelis J Van Der Beek

List of Publications by Year
in descending order

170	5,296	134610	97045
papers	citations	34 h-index	71 g-index

170	170	170	2324
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recent Advances and Challenges in the Development of Radiofrequency HTS Coil for MRI. Frontiers in Physics, 2021, 9, .	1.0	9
2	Non-Gaussian tail in the force distribution: a hallmark of correlated disorder in the host media of elastic objects. Scientific Reports, 2020, 10, 19452.	1.6	4
3	Static field homogeneity artifacts due to magnetic flux expulsion by HTS coils for high-resolution magnetic resonance imaging. Applied Physics Letters, 2020, 117, 254101.	1.5	4
4	Versatile cryogen-free cryostat for the electromagnetic characterization of superconducting radiofrequency coils. EPJ Techniques and Instrumentation, 2020, 7, .	0.5	2
5	Enhancement of penetration field in vortex matter in mesoscopic superconductors due to Andreev bound states. Physical Review B, 2019, 100, .	1.1	2
6	Entropy jump at the first-order vortex phase transition in Bi2Sr2CaCu2O8+Î´ with columnar defects. Materials Today: Proceedings, 2019, 14, 30-33.	0.9	0
7	Direct visualization of local interaction forces in Bi2Sr2CaCu2O8+Î´ vortex matter. Materials Today: Proceedings, 2019, 14, 34-37.	0.9	1
8	Unveiling the vortex glass phase in the surface and volume of a type-II superconductor. Communications Physics, 2019, 2, .	2.0	10
9	Photoinduced filling of near-nodal gap in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Sr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">CaCu</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>8</mml:mn><mml:mo>+</mml:mo><mml:mi>Î´</mml:mi></mml:mrow></	1.1	7
10	Excess of topological defects induced by confinement in vortex nanocrystals. Physical Review B, 2017, 96, .	1.1	6
11	Edge Contamination, Bulk Disorder, Flux Front Roughening, and Multiscaling in Type II Superconducting Thin Films. Condensed Matter, 2017, 2, 27.	0.8	3
12	SANS study of vortex lattice structural transition in optimally doped (Ba1âˆ’xKx)Fe2As2. Journal of Physics Condensed Matter, 2016, 28, 425701.	0.7	7
13	Charge puddles in a completely compensated topological insulator. New Journal of Physics, 2016, 18, 073024.	1.2	10
14	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>s</mml:mi></mml:math>-wave superconductivity in optimally doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>SrTi</mml:mi><mml:mrow><mml:mn>1</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>unveiled by electron irradiation. Physical Review B, 2015, 92, .	1.1	24
15	Ultrafast Dynamics of Fluctuations in High-Temperature Superconductors Far from Equilibrium. Physical Review Letters, 2015, 114, 067003.	2.9	23
16	Geometrical Confinement Effects in Layered Mesoscopic Vortex Matter. Journal of Low Temperature Physics, 2015, 179, 35-41.	0.6	9
17	Detection of discretized single-shell penetration in mesoscopic vortex matter. Journal of Physics: Conference Series, 2014, 568, 022010.	0.3	2
18	Electron irradiation of Co, Ni, and P-doped BaFe₂As₂â€“type iron-based superconductors. Journal of Physics: Conference Series, 2013, 449, 012023.	0.3	24

#	Article	IF	Citations
19	, critical currents, and vortex pinning energies in isovalently substituted BaFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow		

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37	Flux pinning in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>PrFeAsO</mml:mtext></mml:mrow><mml:mrow><mml:mn>0.9</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>, <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>NdFeAsO</mml:mtext></mml:mrow><mml:mrow><mml:mn>0.9</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review B, 2010, 81, .	1.1	103
38	Advances in magnetoâ€optical imaging applied to rock magnetism and paleomagnetism. Geochemistry, Geophysics, Geosystems, 2010, 11, .	1.0	20
39	Quasiparticle Scattering Induced by Charge Doping of Iron-Pnictide Superconductors Probed by Collective Vortex Pinning. Physical Review Letters, 2010, 105, 267002.	2.9	66
40	Transport properties of vortex matter governed by the edge inductance in superconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Bi</mml:mtext></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review B, 2009, 80, .	1.1	6
41	Joule heating and high frequency nonlinear effects in the surface impedance of high Tc superconductors. Journal of Applied Physics, 2009, 106, 023912.	1.1	6
42	Strongly dissimilar vortex-liquid regimes in single-crystalline NdFeAs(O,F) and(Ba,K)Fe2As2: A comparative study. Physical Review B, 2009, 80, .	1.1	28
43	Microwave Surface-Impedance Measurements of the Magnetic Penetration Depth in Single Crystal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Ba</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="bold">K</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi>Fe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>As2 Evidence fo. Physical Review Letters, 2009, 102, 207001.	2.9	148
44	Microwave absorption in YBa2Cu3O7â^'Î´-manganite superlattices. Applied Physics Letters, 2009, 95, 172511.	1.5	2
45	Lower critical fields of superconductingPrFeAsO1â^'ysingle crystals. Physical Review B, 2009, 79, .	1.1	60
46	Novel vortex distribution in the Î²-pyrochlore superconductor KOs2O6. Journal of Physics: Conference Series, 2009, 150, 052233.	0.3	0
47	A vortex solid-to-liquid transition with fully anisotropic scaling. Journal of Physics: Conference Series, 2009, 150, 052007.	0.3	0
48	Magneto-optical imaging of exotic superconductors. Journal of Physics: Conference Series, 2009, 150, 012052.	0.3	0
49	Heating and high frequency nonlinearities in the surface impedance of high Tcsuperconductors. Journal of Physics: Conference Series, 2009, 150, 052107.	0.3	0
50	Shear viscosity measurements at the vortex melting transition in confined geometry in optimally doped Bi₂Sr₂CaCu₂O₈. Journal of Physics: Conference Series, 2009, 150, 052288.	0.3	1
51	Vortex matter in Bi2Sr2CaCu2O8with pointlike disorder. Journal of Physics: Conference Series, 2009, 150, 052119.	0.3	4
52	Disorder and c-axis quasiparticle dynamics in underdoped Bi₂Sr₂CaCu₂O₈. Journal of Physics: Conference Series, 2009, 150, 052277.	0.3	0
53	c-axis coupling in underdopedBi2Sr2CaCu2O8+Î´with varying degrees of disorder. Physical Review B, 2008, 77, .	1.1	3
54	Influence of spatial variations in the lower critical field on the equilibrium field penetration into superconductors. Physical Review B, 2008, 77, .	1.1	8

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55	In-plane field-induced vortex liquid correlations in underdopedBi2Sr2CaCu2O8+Î´. Physical Review B, 2007, 76, .	1.1	2
56	Fully anisotropic superconducting transition in ion-irradiatedYBa2Cu3O7â˜Î´with a tilted magnetic field. Physical Review B, 2007, 75, .	1.1	6
57	Vortex Redistribution below the First-Order Transition Temperature in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î²</mml:mi></mml:math>-Pyrochlore Superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>KOs</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:math>. Physical Review	2.9	13
58	Dynamic and Thermodynamic Properties of Porous Vortex Matter inBi2Sr2CaCu2O8in an Oblique Magnetic Field. Physical Review Letters, 2007, 99, 087001.	2.9	17
59	Thermodynamics of a heavy-ion-irradiated superconductor: The zero-field transition. Physical Review B, 2007, 75, .	1.1	0
60	Role of self-irradiation defects on the ageing of 239 PuCoGa 5. Europhysics Letters, 2007, 78, 57008.	0.7	9
61	Dependence of maximum static friction on waiting time using dynamics of vortices in superconductors. Journal of Physics: Conference Series, 2007, 89, 012021.	0.3	2
62	Role of pair-breaking and phase fluctuations in c-axis tunneling in underdoped Bi2Sr2CaCu2O8+Î´. Physica C: Superconductivity and Its Applications, 2007, 460-462, 876-877.	0.6	0
63	Screening of transverse ac fields and influence of supercurrent on NMR Knight shift in high-Tc crystals. Physica C: Superconductivity and Its Applications, 2007, 460-462, 929-930.	0.6	0
64	Vortex liquid correlations induced by in-plane field in underdoped Bi2Sr2CaCu2O8+Î´. Physica C: Superconductivity and Its Applications, 2007, 460-462, 1218-1219.	0.6	1
65	Magnetic domain structure and possible low-temperature structural transition in La0.78Ca0.22MnO3 single crystals. Physica B: Condensed Matter, 2006, 378-380, 510-511.	1.3	0
66	Melting of heterogeneous vortex matter: The vortex â€˜nanoliquidâ€™. Pramana - Journal of Physics, 2006, 66, 43-54.	0.9	1
67	Composite to Tilted Vortex Lattice Transition inBi2Sr2CaCu2O8+Î´in Oblique Fields. Physical Review Letters, 2006, 97, 237005.	2.9	18
68	Ferromagnetic and twin domains in LCMO manganites. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 902-905.	1.0	9
69	Multiple superconducting phases in heavy fermion superconductors. Journal of Physics and Chemistry of Solids, 2005, 66, 1365-1369.	1.9	2
70	New high field state of flux line lattice in CeCoIn5. Physica C: Superconductivity and Its Applications, 2005, 426-431, 36-40.	0.6	0
71	Thermodynamics of the vortex liquid in heavy-ion-irradiated superconductors. Physical Review B, 2005, 72, .	1.1	7
72	Ferromagnetic domain structure ofLa0.78Ca0.22MnO3single crystals. Physical Review B, 2005, 72, .	1.1	11

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73	High-field state of the flux-line lattice in the unconventional superconductorCeCoIn5. Physical Review B, 2004, 70, .	1.1	114
74	Vortex Nanoliquid in High-Temperature Superconductors. Physical Review Letters, 2004, 93, 097002.	2.9	39
75	Direct Transition from Bose Glass to Normal State in the(K,Ba)BiO3Superconductor. Physical Review Letters, 2004, 92, 037005.	2.9	7
76	Vortex-lattice melting front in thin superconductors with pinning. Physical Review B, 2004, 70, .	1.1	5
77	Magneto-optics observation of spontaneous domain structure in ferromagnetic La0.78Ca0.22MnO3single crystal. Journal of Physics Condensed Matter, 2004, 16, 5461-5468.	0.7	9
78	Amorphous Vortex Phase in Bi2Sr2CaCu2O8After the First Order Liquid-Solid Phase Transition. Journal of Low Temperature Physics, 2004, 135, 139-142.	0.6	1
79	Origin of linear extended defects in single crystalline Bi2Sr2CaCu2O8. Physica C: Superconductivity and Its Applications, 2004, 408-410, 25-26.	0.6	7
80	Porous vortex matter. Physica C: Superconductivity and Its Applications, 2004, 408-410, 495-498.	0.6	3
81	Transport properties and magnetic domain structure in low-doped LaCaMnO manganite single crystals. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1800-1801.	1.0	9
82	Persistence of the intrinsic transition in the vortex matter of disordered BSCCO:2212 crystals. Physica C: Superconductivity and Its Applications, 2004, 408-410, 547-548.	0.6	2
83	Electrical and structural properties of MgB2 films prepared by sequential deposition of B and Mg on the NbN-buffered Si(100) substrate. Journal of Applied Physics, 2004, 96, 4668-4670.	1.1	6
84	Vortex solid-liquid transition inBi2Sr2CaCu2O8+Î´with a high density of strong pins. Physical Review B, 2004, 69, .	1.1	9
85	Vortex Phase Diagram in Bi2Sr2CaCu2O8+Î´with Damage Tracks Created by 30 MeV Fullerene Irradiation. Journal of the Physical Society of Japan, 2004, 73, 2813-2821.	0.7	5
86	Study of Excimer Laser Irradiation Effects on Properties of Crystalline YBaCuO Thin Films. Acta Physica Polonica A, 2004, 106, 681-685.	0.2	0
87	Nonlinear properties of ferromagnetic La $mathsf{_{1-x}}$ Ca $mathsf{_{x}}$ MnO $mathsf{_3}$ single crystals. European Physical Journal B, 2003, 35, 295-300.	0.6	12
88	Anisotropic Enhancement of Superconductivity in Heavy-Ion Irradiated(K,Ba)BiO3. Physical Review Letters, 2003, 90, 037004.	2.9	10
89	Melting of â€œPorousâ€•Vortex Matter. Physical Review Letters, 2003, 90, 087004.	2.9	64
90	First-Order Phase Transition from the Vortex Liquid to an Amorphous Solid. Physical Review Letters, 2003, 90, 147001.	2.9	46

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91	Vortex Fluctuations in UnderdopedBi2Sr2CaCu2O8+Î´Crystals. Physical Review Letters, 2003, 90, 137002.	2.9	28
92	Self-doping caused by oxygen displacements in heavy-ion-irradiatedBi2Sr2CaCu2O8+xcrystals. Physical Review B, 2002, 66, .	1.1	5
93	Superconducting properties of strongly underdopedBi2Sr2CaCu2O8+xsingle crystals. Physical Review B, 2002, 66, .	1.1	25
94	Strong pinning in high-temperature superconducting films. Physical Review B, 2002, 66, .	1.1	194
95	Vortex quasiorderedâ€“disordered solid transition in strongly underdoped Bi2Sr2CaCu2O8+x single crystals. Physica B: Condensed Matter, 2002, 319, 303-309.	1.3	0
96	First-order disorder-driven transition and inverse melting of the vortex lattice. Physica C: Superconductivity and Its Applications, 2002, 369, 36-44.	0.6	8
97	Josephson plasma resonance in underdoped Bi2Sr2CaCu2O8+Î´ crystals. Physica C: Superconductivity and Its Applications, 2002, 369, 236-239.	0.6	5
98	Strong pinning by correlated and point disorder in YBa2Cu3O7â^'Î´ thin films. Physica C: Superconductivity and Its Applications, 2002, 369, 240-244.	0.6	1
99	The Bose-glass transition in underdoped Bi2Sr2CaCu2O8+x crystals with columnar defects. Physica C: Superconductivity and Its Applications, 2002, 369, 278-281.	0.6	1
100	Quasiparticle structure in the vortex state of anisotropic s-wave superconductor YNi2B2C. Journal of Physics and Chemistry of Solids, 2002, 63, 991-993.	1.9	1
101	Heat capacity of YNi2B2C in the vortex state: evidence of the extended s-wave state. Physica C: Superconductivity and Its Applications, 2001, 357-360, 513-516.	0.6	0
102	'Inverse' melting of a vortex lattice. Nature, 2001, 411, 451-454.	13.7	262
103	Defect-Unbinding and the Bose-Glass Transition in Layered Superconductors. Physical Review Letters, 2001, 86, 5136-5139.	2.9	30
104	Suppression of surface barriers for flux penetration inBi2Sr2CaCu2O8+Î´whiskers by electron and heavy ion irradiation. Physical Review B, 2001, 64, .	1.1	21
105	Low Energy Quasiparticle Excitation in the Vortex State of Borocarbide SuperconductorYNi2B2C. Physical Review Letters, 2001, 86, 1327-1330.	2.9	83
106	Microwave surface impedance in overdoped Tl2Ba2CuO6+Î´. Physica B: Condensed Matter, 2000, 284-288, 945-946.	1.3	1
107	Interplay of pancake vortices and columnar defects in heavy-ion irradiated Bi-2212. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1167-1168.	0.6	1
108	Magnetic relaxation in the â€œBragg-glassâ€•phase in BSCCO. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1279-1280.	0.6	4

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109	Magnetization decay due to vortex phase boundary motion in BSCCO. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1317-1318.	0.6	15
110	Supercooling of the high field vortex phase in single crystalline BSCCO. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1319-1320.	0.6	1
111	Melting of regular and decoupled vortex lattices in BSCCO crystals. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1213-1214.	0.6	12
112	Gigantic surface pinning created by columnar defects. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1251-1252.	0.6	7
113	Magnetic relaxation in the vicinity of second magnetization peak in BSCCO crystals. Physica C: Superconductivity and Its Applications, 2000, 332, 219-224.	0.6	15
114	Entropy, vortex interactions and the phase diagram of heavy-ion irradiated Bi2Sr2CaCu2O8+Î´. Physica C: Superconductivity and Its Applications, 2000, 332, 178-186.	0.6	2
115	Evidence for an angular-dependent contribution from columnar defects to the equilibrium magnetization ofYBa2Cu3O7â^'Î´. Physical Review B, 2000, 61, 717-721.	1.1	7
116	Supercooling of the Disordered Vortex Lattice inBi2Sr2CaCu2O8+Î´. Physical Review Letters, 2000, 84, 4196-4199.	2.9	114
117	Bose-glass melting in the cubic(K,Ba)BiO3high-Tcoxide with columnar defects. Physical Review B, 2000, 61, R3830-R3833.	1.1	20
118	Do Columnar Defects Produce Bulk Pinning?. Physical Review Letters, 2000, 84, 1792-1795.	2.9	34
119	Entropy, vortex interactions, and the phase diagram of heavy-ion-irradiatedBi2Sr2CaCu2O8+Î´. Physical Review B, 2000, 61, 4259-4269.	1.1	40
120	Tuning the pinning energy in layered superconductors. Physical Review B, 1999, 59, 13612-13615.	1.1	19
121	Flux Flow Resistance and Transmittivity in Overdoped Tl2Ba2CuO6+Î´. Journal of Low Temperature Physics, 1999, 117, 1193-1197.	0.6	2
122	Equilibrium magnetization in heavy-ion-irradiatedBi2Sr2CaCu2O8probed by torque and SQUID magnetometry. Physical Review B, 1998, 58, R615-R618.	1.1	26
123	Bose-glass Vortex Phase and Pinning by Columnar Defects in HTSC Crystals. , 1998, , 437-442.		0
124	Magneto-optical observation of twisted vortices in type-II superconductors. Nature, 1997, 385, 702-705.	13.7	36
125	Disappearance of the force-free current configuration at the first order vortex lattice phase transition in YBa2Cu3O7â^'Î´ single crystals. Physica C: Superconductivity and Its Applications, 1997, 282-287, 1953-1954.	0.6	0
126	Spatially resolved resistivity near the vortex lattice phase transition in Bi2Sr2CaCu2O8+Î´ single crystals. Physica C: Superconductivity and Its Applications, 1997, 282-287, 2021-2022.	0.6	0

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127	The equilibrium vortex state in heavy-ion irradiated Bi2Sr2CaCu2O8+Î´. Physica C: Superconductivity and Its Applications, 1997, 282-287, 2101-2102.	0.6	1
128	Instabilities of the force-free current configurations. European Physical Journal D, 1996, 46, 1539-1540.	0.4	1
129	Pinning-to-barrier crossover in YBa2Cu3O7â˜Î´ single crystals. European Physical Journal D, 1996, 46, 1541-1542.	0.4	5
130	Influence of columnar defects on the thermodynamic properties of BSCCO. European Physical Journal D, 1996, 46, 1655-1656.	0.4	1
131	Nonlinear AC susceptibility, surface and bulk shielding. Physica C: Superconductivity and Its Applications, 1996, 258, 105-120.	0.6	44
132	Pinning in BSCCO above the ordinary irreversibility line. Journal of Low Temperature Physics, 1996, 105, 1117-1122.	0.6	6
133	Morphology of growth of Bi2Sr2CaCu2O8 single crystals. Journal of Low Temperature Physics, 1996, 105, 1529-1534.	0.6	5
134	Onset of bulk pinning in BSCCO single crystals. Journal of Low Temperature Physics, 1996, 105, 1047-1052.	0.6	3
135	Large effect of columnar defects on the thermodynamic properties ofBi2Sr2CaCu2O8single crystals. Physical Review B, 1996, 54, R792-R795.	1.1	55
136	Vortex Liquid State in an Electron Irradiated UntwinnedYBa2Cu3O7â˜Î´Crystal. Physical Review Letters, 1995, 74, 1210-1213.	2.9	154
137	Vortex Line Pinning and Bose-Glass Dynamics in Heavy-Ion IrradiatedBi2Sr2CaCu2O8+Î´Single Crystals. Physical Review Letters, 1995, 74, 1214-1217.	2.9	111
138	Surface flux pinning inYBa2Cu3O7â˜Î´. Physical Review B, 1995, 52, R9882-R9885.	1.1	23
139	Vortex dynamics in aBi2Sr2CaCu2O8crystal with columnar defects. Physical Review B, 1995, 51, 15492-15505.	1.1	56
140	Nonlinear diffusion in hard and soft superconductors. Physica C: Superconductivity and Its Applications, 1994, 231, 147-156.	0.6	32
141	Power-law resistivity, magnetic relaxation and ac susceptibility. Physica C: Superconductivity and Its Applications, 1994, 235-240, 2847-2848.	0.6	1
142	Bose-glass versus surface barrier crossover in the irreversibility line of Bi2Sr2CaCu2O8 single crystals. Physica C: Superconductivity and Its Applications, 1994, 235-240, 2813-2814.	0.6	3
143	Vortex line pinning in Bi2Sr2CaCu2O8 single crystals with columnar defects. Physica C: Superconductivity and Its Applications, 1994, 235-240, 2815-2816.	0.6	0
144	Peak Effect as a Precursor to Vortex Lattice Melting in Single CrystalYBa2Cu3O7â˜Î´. Physical Review Letters, 1994, 73, 2614-2617.	2.9	192

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145	Linear and nonlinear ac response in the superconducting mixed state. Physical Review B, 1993, 48, 3393-3403.	1.1	168
146	ac response of the vortex system in aPr1.85Ce0.15CuO4â˜ysingle crystal. Physical Review B, 1993, 47, 15250-15255.	1.1	46
147	Vortex response to AC-fields in Bi2Sr2CaCu2O8+ delta. Superconductor Science and Technology, 1992, 5, S260-S263.	1.8	15
148	Thermally activated flux motion inNd1.85Ce0.15CuO4â˜y. Physical Review B, 1992, 46, 11952-11957.	1.1	14
149	Flux Pinning and Creep in High Temperature Superconductors. Materials Research Society Symposia Proceedings, 1992, 275, 157.	0.1	4
150	Nonlinear current diffusion in type-II superconductors. Physica C: Superconductivity and Its Applications, 1992, 197, 320-336.	0.6	83
151	Magnetization and relaxation curves of fast relaxing high-Tc superconductors. Physica C: Superconductivity and Its Applications, 1992, 197, 337-361.	0.6	163
152	Flux pinning and creep in the vortex-glass phase in Bi2Sr2CaCu2O8+Î´ single crystals. Physica C: Superconductivity and Its Applications, 1992, 195, 307-322.	0.6	81
153	Flux motion in very anisotropic high-temperature superconductors. Physica B: Condensed Matter, 1991, 169, 80-84.	1.3	12
154	Upper critical field anisotropy and dissipative flux motion in Ndî—¸Ceî—¸Cuî—¸O single crystals. Physica C: Superconductivity and Its Applications, 1991, 185-189, 1913-1914.	0.6	14
155	Numerical calculations on flux-creep in high temperature superconductors. Physica C: Superconductivity and Its Applications, 1991, 185-189, 2241-2242.	0.6	8
156	Low temperature flux creep measurements on a Bi2Sr2CaCu2O8+Î´ single crystal. Physica C: Superconductivity and Its Applications, 1991, 185-189, 2507-2508.	0.6	7
157	Field-induced suppression of the phase transition in Bi_{2}Sr_{2}CaCu_{2}O_{8}. Physical Review Letters, 1991, 67, 2383-2386.	2.9	132
158	Dislocation-mediated flux creep inBi2Sr2CaCu2O8+Î´. Physical Review B, 1991, 43, 13032-13041.	1.1	161
159	Dislocation mediated flux motion in Bi2Sr2CaCu2O8+Î´. Physica B: Condensed Matter, 1990, 165-166, 1139-1140.	1.3	3
160	Dissipation in highly anisotropic superconductors. Physical Review Letters, 1990, 64, 1063-1066.	2.9	498
161	Critical current densities and the effects of thermally assisted flux flow in single crystals of Bi2Sr2CaCu2O8. Superconductor Science and Technology, 1989, 1, 249-253.	1.8	67
162	Thermally assisted flux flow at small driving forces. Superconductor Science and Technology, 1989, 1, 242-248.	1.8	561

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163	On the solid solutions in the systems Bi2Sr2Ca1âˆ'xYxCu2O8+Î´, Bi2Sr2âˆ'xLaxYCu2O8+Î´ and Bi2Sr2Y1âˆ'xCexCu2O8+Î´. Physica C: Superconductivity and Its Applications, 1989, 157, 531-536.	0.6	25
164	Irreversible magnetization and upper critical field of YBa2Cu3O7 single crystals in high magnetic fields. Physica B: Condensed Matter, 1989, 155, 136-139.	1.3	13
165	Thermally activated flux flow effects in single crystalline Bi 2 Sr 2 CaCu 2 O 8 , observed via magnetic measurements. Physica C: Superconductivity and Its Applications, 1989, 162-164, 1189-1190.	0.6	6
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167	High-temperature superconductivity in LaBaCaCu3O6.85. Physica C: Superconductivity and Its Applications, 1988, 156, 133-136.	0.6	64
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