

Alex Gurevich

List of Publications by Year in descending order

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156
papers

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31902

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105
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161
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161
docs citations

161
times ranked

4804
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Tc superconducting materials for electric power applications. Nature, 2001, 414, 368-377.	13.7	1,130
2	Strongly linked current flow in polycrystalline forms of the superconductor MgB2. Nature, 2001, 410, 186-189.	13.7	883
3	High-T _c superconducting materials for electric power applications. , 2010, , 311-320.		644
4	Enhancement of the upper critical field by nonmagnetic impurities in dirty two-gap superconductors. Physical Review B, 2003, 67, .	1.1	629
5	Two-band superconductivity in LaFeAsO _{0.89} F _{0.11} at very high magnetic fields. Nature, 2008, 453, 903-905.	13.7	490
6	High critical current density and enhanced irreversibility field in superconducting MgB2 thin films. Nature, 2001, 411, 558-560.	13.7	477
7	Small anisotropy, weak thermal fluctuations, and high field superconductivity in Co-doped iron pnictide Ba(Fe _{1-x} Co) ₂ As ₂ . Applied Physics Letters, 2009, 94, .	1.5	337
8	Self-heating in normal metals and superconductors. Reviews of Modern Physics, 1987, 59, 941-999.	16.4	319
9	Upper critical fields and thermally-activated transport of NdFeAsO crystal. Physical Review B. 2008. 78, .	1.1	303
10	Very high upper critical fields in MgB ₂ produced by selective tuning of impurity scattering. Superconductor Science and Technology, 2004, 17, 278-286.	1.8	281
11	New Fe-based superconductors: properties relevant for applications. Superconductor Science and Technology, 2010, 23, 034003.	1.8	253
12	High-field superconductivity in alloyed MgB ₂ thin films. Physical Review B, 2005, 71, .	1.1	228
13	Time scales of the flux creep in superconductors. Physical Review B, 1993, 48, 6477-6487.	1.1	175
14	Iron-based superconductors at high magnetic fields. Reports on Progress in Physics, 2011, 74, 124501.	8.1	174
15	Weak-link behavior of grain boundaries in superconducting Ba(Fe _{1-x} Co) ₂ As ₂ bicrystals. Applied Physics Letters, 2009, 95, .	1.5	163
16	Anisotropic flux pinning in a network of planar defects. Physical Review B, 1994, 50, 13563-13576.	1.1	160
17	Electronic anisotropy, magnetic field-temperature phase diagram and their dependence on resistivity in c-axis oriented MgB ₂ thin films. Superconductor Science and Technology, 2001, 14, 315-319.	1.8	157
18	Limits of the upper critical field in dirty two-gap superconductors. Physica C: Superconductivity and Its Applications, 2007, 456, 160-169.	0.6	155

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19	Imaging of super-fast dynamics and flow instabilities of superconducting vortices. Nature Communications, 2017, 8, 85.	5.8	149
20	Nonlocal Josephson electrostatics and pinning in superconductors. Physical Review B, 1992, 46, 3187-3190.	1.1	141
21	Magnetic granularity, percolation and preferential current flow in a silver-sheathed Bi _{1.8} Pb _{0.4} Sr ₂ Ca ₂ Cu ₃ O _{8+x} tape. Physica C: Superconductivity and Its Applications, 1995, 246, 133-144.	0.6	136
22	Significant enhancement of upper critical fields by doping and strain in iron-based superconductors. Physical Review B, 2011, 84, .	1.1	135
23	Magneto-optical study of flux penetration and critical current densities in [001] tilt YBa ₂ Cu ₃ O _{7-δ} thin-film bicrystals. Physical Review B, 1996, 53, 8687-8697.	1.1	127
24	The behavior of grain boundaries in the Fe-based superconductors. Reports on Progress in Physics, 2011, 74, 124511.	8.1	127
25	Enhancement of rf breakdown field of superconductors by multilayer coating. Applied Physics Letters, 2006, 88, 012511.	1.5	125
26	Comparative high-field magnetotransport of the oxypnictide superconductors RFeAsO _{1-x} Fx (R=La, Nd) and SmFeAsO _{1-x} Fx. Physical Review B, 2008, 78, .	1.1	121
27	Dendritic Flux Avalanches and Nonlocal Electrostatics in Thin Superconducting Films. Physical Review Letters, 2005, 94, 037002.	2.9	119
28	Evidence for two distinct scales of current flow in polycrystalline Sm and Nd iron oxypnictides. Superconductor Science and Technology, 2008, 21, 095008.	1.8	118
29	Anisotropic thermodynamic and transport properties of single-crystalline CaKFe ₄ As ₈ . Physical Review B, 2016, 94, .		
30	Anisotropic upper critical field and possible Fulde-Ferrel-Larkin-Ovchinnikov state in the stoichiometric pnictide superconductor LiFeAs. Physical Review B, 2011, 83, .	1.1	108
31	Evidence for channel conduction in low misorientation angle [001] tilt YBa ₂ Cu ₃ O _{7-δ} x bicrystal films. Applied Physics Letters, 1996, 69, 577-579.	1.5	103
32	To use or not to use cool superconductors?. Nature Materials, 2011, 10, 255-259.	13.3	103
33	Flux creep in superconducting films: An exact solution. Physical Review Letters, 1994, 73, 178-181.	2.9	102
34	Effect of geometry on the critical currents of thin films. Physical Review B, 1994, 49, 1274-1288.	1.1	94
35	Upper critical field and the Fulde-Ferrel-Larkin-Ovchinnikov transition in multiband superconductors. Physical Review B, 2010, 82, .	1.1	89
36	Reconstruction of Current Flow and Imaging of Current-Limiting Defects in Polycrystalline Superconducting Films. Science, 1997, 275, 367-369.	6.0	85

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37	Electromagnetic, atomic structure and chemistry changes induced by Ca-doping of low-angle YBa ₂ Cu ₃ O ₇ grain boundaries. Nature Materials, 2005, 4, 470-475.	13.3	79
38	Vortex Avalanches and Magnetic Flux Fragmentation in Superconductors. Physical Review Letters, 2001, 87, 067003.	2.9	77
39	Probing dynamics and pinning of single vortices in superconductors at nanometer scales. Scientific Reports, 2015, 5, 7598.	1.6	74
40	Intergrain current flow in a randomly oriented polycrystalline SmFeAsO _{0.85} oxypnictide. Applied Physics Letters, 2009, 95, .	1.5	73
41	Theory of RF superconductivity for resonant cavities. Superconductor Science and Technology, 2017, 30, 034004.	1.8	73
42	Improved strong magnetic field performance of low angle grain boundaries of calcium and oxygen overdoped YBa ₂ Cu ₃ O _x . Applied Physics Letters, 2000, 77, 3251-3253.	1.5	71
43	Dynamics of vortex penetration, jumpwise instabilities, and nonlinear surface resistance of type-II superconductors in strong rf fields. Physical Review B, 2008, 77, .	1.1	70
44	Suppression of the Critical Temperature of Superconducting NdFeAs(OF) Single Crystals by Kondo-Like Defect Sites Induced by $\mu\pm$ -Particle Irradiation. Physical Review Letters, 2010, 104, 087002.	2.9	70
45	Flux pinning, granularity and the irreversibility line of the high-T _c superconductor HgBa ₂ CuO _{4+x} . Nature, 1993, 364, 129-131.	13.7	67
46	Mechanisms of weak thickness dependence of the critical current density in strong-pinning organic-deposition-route YBa ₂ Cu ₃ O ₇ coated conductors. Superconductor Science and Technology, 2006, 19, 968-979.	1.8	67
47	Strong vortex pinning in Co-doped BaFe ₂ As ₂ single crystal thin films. Applied Physics Letters, 2010, 96, .	1.5	66
48	Pinning size effects in critical currents of superconducting films. Superconductor Science and Technology, 2007, 20, S128-S135.	1.8	62
49	Nonlinear current flow in superconductors with restricted geometries. Physical Review B, 2001, 63, .	1.1	61
50	Transient regimes of flux creep in high-T _c superconductors. Physical Review B, 1991, 44, 12090-12093.	1.1	58
51	Effect of vortex hotspots on the radio-frequency surface resistance of superconductors. Physical Review B, 2013, 87, .	1.1	58
52	Nonlinear viscous motion of vortices in Josephson contacts. Physical Review B, 1993, 48, 12857-12865.	1.1	56
53	Challenges and Opportunities for Applications of Unconventional Superconductors. Annual Review of Condensed Matter Physics, 2014, 5, 35-56.	5.2	55
54	Anisotropy reversal of the upper critical field at low temperatures and spin-locked superconductivity in K_2K_2 Physical Review B, 2015, 91, .	1.1	55

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55	Nonlinear transport current flow in superconductors with planar obstacles. <i>Physical Review B</i> , 2000, 62, 4004-4025.	1.1	54
56	Superconducting Radio-Frequency Fundamentals for Particle Accelerators. <i>Reviews of Accelerator Science and Technology</i> , 2012, 05, 119-146.	0.5	53
57	Multiscale mechanisms of SRF breakdown. <i>Physica C: Superconductivity and Its Applications</i> , 2006, 441, 38-43.	0.6	50
58	Effect of impurities on the superheating field of type-II superconductors. <i>Physical Review B</i> , 2012, 85, .	1.1	49
59	Reduction of Dissipative Nonlinear Conductivity of Superconductors by Static and Microwave Magnetic Fields. <i>Physical Review Letters</i> , 2014, 113, 087001.	2.9	49
60	Suppression of magnetic granularity by transport current in (Bi,Pb)2Sr2Ca2Cu3Ox tapes. <i>Applied Physics Letters</i> , 1995, 67, 2720-2722.	1.5	48
61	Surface impedance and optimum surface resistance of a superconductor with an imperfect surface. <i>Physical Review B</i> , 2017, 96, .	1.1	46
62	Contactless measurement of voltage-current characteristics of high-Tc thin film superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1991, 174, 14-22.	0.6	45
63	Combined microstructural and magneto-optical study of current flow in polycrystalline forms of Nd and Sm Fe-oxypnictides. <i>Superconductor Science and Technology</i> , 2009, 22, 015010.	1.8	45
64	Distribution of pinning energies and the resistive transition in superconducting films. <i>Physical Review B</i> , 1990, 42, 4857-4860.	1.1	44
65	Phase Textures Induced by dc-Current Pair Breaking in Weakly Coupled Multilayer Structures and Two-Gap Superconductors. <i>Physical Review Letters</i> , 2006, 97, 137003.	2.9	44
66	Field-dependent nonlinear surface resistance and its optimization by surface nanostructuring in superconductors. <i>Physical Review B</i> , 2019, 100, .	1.1	44
67	Maximum screening fields of superconducting multilayer structures. <i>AIP Advances</i> , 2015, 5, .	0.6	42
68	Magnetic Properties of Superconducting Rb ₃ C ₆₀ . <i>Europhysics Letters</i> , 1992, 17, 175-179.	0.7	39
69	Thermally activated current transport in MgB ₂ films. <i>Physical Review B</i> , 2004, 70, .	1.1	38
70	Mechanisms for enhanced supercurrent across meandered grain boundaries in high-temperature superconductors. <i>Journal of Applied Physics</i> , 2007, 102, 083912.	1.1	37
71	On the through-thickness critical current density of an YBa ₂ Cu ₃ O _{7-δ} film containing a high density of insulating, vortex-pinning nanoprecipitates. <i>Applied Physics Letters</i> , 2007, 90, 252502.	1.5	35
72	Measurement of the high-field Q _{drop} in a high-purity large-grain niobium cavity for different oxidation processes. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2007, 10, .	1.8	34

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73	Size Effects in the Nonlinear Resistance and Flux Creep in a Virtual Berezinskii-Kosterlitz-Thouless State of Superconducting Films. <i>Physical Review Letters</i> , 2008, 100, 227007.	2.9	33
74	Decrease of the surface resistance in superconducting niobium resonator cavities by the microwave field. <i>Applied Physics Letters</i> , 2014, 104, .	1.5	33
75	Significant reduction of AC losses in YBCO patterned coated conductors with transposed filaments. <i>Superconductor Science and Technology</i> , 2008, 21, 082004.	1.8	32
76	Measurement of the nonlinear Meissner effect in superconducting Nb films using a resonant microwave cavity: A probe of unconventional pairing symmetries. <i>Physical Review B</i> , 2010, 81, .	1.1	31
77	Static and dynamic mechanisms of the anomalous field dependence of magnetization in Bi-Sr-Ca-Cu-O and Bi-Pb-Sr-Ca-Cu-O single crystals. <i>Physical Review B</i> , 1994, 50, 16774-16777.	1.1	30
78	Three-dimensional vortex pinning by nano-precipitates in a Sm-doped $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ coated conductor. <i>Superconductor Science and Technology</i> , 2007, 20, S205-S210.	1.8	30
79	Evidence of high-field radio-frequency hot spots due to trapped vortices in niobium cavities. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2008, 11, .	1.8	30
80	High-field phase-diagram of Fe arsenide superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2009, 469, 566-574.	0.6	30
81	Electromagnetic instabilities and current structures in anisotropic superconductors. <i>Physical Review B</i> , 1992, 46, 3638-3656.	1.1	27
82	Flux expulsion in niobium superconducting radio-frequency cavities of different purity and essential contributions to the flux sensitivity. <i>Physical Review Accelerators and Beams</i> , 2020, 23, .	0.6	27
83	Large enhancement of critical-current density due to vortex matching at the periodic facet structure in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ bicrystals. <i>Physical Review B</i> , 1998, 57, 10951-10958.	1.1	26
84	Magneto-optical studies of the uniform critical state in bulk MgB_2 . <i>Superconductor Science and Technology</i> , 2001, 14, 811-815.	1.8	26
85	Scanning laser imaging of dissipation in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ -coated conductors. <i>Applied Physics Letters</i> , 2004, 85, 2568-2570.	1.5	26
86	Fragmentation of magnetic flux in anisotropic superconductors. <i>Physical Review Letters</i> , 1990, 65, 3197-3200.	2.9	25
87	Magnetic field and temperature dependence of flux creep in oriented grained and single-crystalline $\text{YBa}_2\text{Cu}_3\text{O}_x$. <i>Journal of Applied Physics</i> , 1990, 68, 3498-3503.	1.1	25
88	Dynamic transition of vortices into phase slips and generation of vortex-antivortex pairs in thin film Josephson junctions under dc and ac currents. <i>Physical Review B</i> , 2017, 95, .	1.1	24
89	Evidence for non-linear BCS resistance in SRF cavities. <i>Physica C: Superconductivity and Its Applications</i> , 2006, 441, 51-56.	0.6	23
90	Thermal instability near planar defects in superconductors. <i>Applied Physics Letters</i> , 2001, 78, 1891-1893.	1.5	22

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91	Temperature and field dependence of the flux-line-lattice symmetry in V3Si. Physical Review B, 2005, 72, .	1.1	22
92	High-field properties of carbon-doped MgB ₂ thin films by hybrid physical-chemical vapor deposition using different carbon sources. Superconductor Science and Technology, 2011, 24, 125014.	1.8	21
93	Modeling the current-voltage characteristics of silver-sheathed Bi ₂ Sr ₂ CaCuO tapes. Applied Physics Letters, 1993, 62, 1688-1690.	1.5	20
94	Characterization of superconducting nanometric multilayer samples for superconducting rf applications: First evidence of magnetic screening effect. Physical Review Special Topics: Accelerators and Beams, 2010, 13, .	1.8	20
95	Electron Tunneling and X-Ray Photoelectron Spectroscopy Studies of the Superconducting Properties of Nitrogen-Doped Niobium Resonator Cavities. Physical Review Applied, 2020, 13, .	1.5	20
96	Observation of in-plane magnetic field induced phase transitions in FeSe. Physical Review B, 2020, 101, .	1.1	19
97	Percolation and Flux Creep in High-Temperature Superconductors. Europhysics Letters, 1991, 15, 789-794.	0.7	18
98	Microstructural Investigation of the Most Efficient Vortex Pinning in a Superconducting YBa ₂ Cu ₃ O ₇ Thin Film. Microscopy and Microanalysis, 2008, 14, 342-343.	0.2	18
99	Magnetoresistance oscillations in superconducting granular niobium nitride nanowires. Physical Review B, 2009, 80, .	1.1	18
100	Current-induced depairing in the Bi ₂ Te ₃ interfacial superconductor. Physical Review B, 2015, 92, .	1.1	18
101	Nonlinear dynamics and dissipation of a curvilinear vortex driven by a strong time-dependent Meissner current. Physical Review B, 2020, 101, .	1.1	18
102	Superconductivity and antiferromagnetic ordering in the high-field paramagnetic oxypnictide NdFeAsO _{0.94} F _{0.06} . Physical Review B, 2008, 78, .	1.1	17
103	Pinning, thermally activated depinning and their importance for tuning the nanoprecipitate size and density in high J _c YBa ₂ Cu ₃ O _{7-x} films. Physica C: Superconductivity and Its Applications, 2009, 469, 2021-2028.	0.6	16
104	High critical current densities in Nb ₄₇ Ti multilayers with a planar copper flux pinning nanostructure. Applied Physics Letters, 1996, 68, 1567-1569.	1.5	15
105	Grain boundary flux penetration and resistivity in large grain niobium sheet. Physica C: Superconductivity and Its Applications, 2006, 441, 126-129.	0.6	15
106	Imaging Local Dissipation and Magnetic Field in YBCO Films With Artificial Defects. IEEE Transactions on Applied Superconductivity, 2005, 15, 2954-2957.	1.1	14
107	Disorder-dependent superconducting phase diagram at high magnetic fields in Fe _{1-x} Se _x thin films. Applied Physics Letters, 2014, 105, 121101.	1.1	14
108	Magnetic flux creep as a percolation phenomenon. Superconductor Science and Technology, 1991, 4, S91-S93.	1.8	13

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109	Specific heat investigation in high magnetic field of the magnetic ordering of the rare-earth lattice in FeAsO . The case of Sm. Physical Review B, 2009, 80, .	1.1	13
110	Comment on "Vortex-assisted photon counts and their magnetic field dependence in single-photon superconducting detectors". Physical Review B, 2012, 86, .	1.1	13
111	Dynamic Matching of Vortex Lattice in Superconducting Multilayers. Physical Review Letters, 1996, 77, 4078-4081.	2.9	11
112	Effect of random pinning on nonlinear dynamics and dissipation of a vortex driven by a strong microwave current. Physical Review B, 2021, 103, .	1.1	11
113	Quench energies of composite superconductors. Cryogenics, 1989, 29, 188-190.	0.9	10
114	Development and characterization of Nb ₃ Sn/Al ₂ O ₃ superconducting multilayers for particle accelerators. Scientific Reports, 2021, 11, 7770.	1.6	10
115	Localization of nonlinear waves in randomly inhomogeneous media. Physics Letters, Section A: General, Atomic and Solid State Physics, 1984, 105, 31-33.	0.9	9
116	Magneto-Optical Study High-Purity Niobium for Superconducting RF Application. AIP Conference Proceedings, 2011, . .	0.3	9
117	Anisotropy of the irreversibility field for Zr-doped (Y,Gd)Ba ₂ Cu ₃ O _{7-x} thin films up to 45 T. Physical Review B, 2011, 84, .	1.1	8
118	Thermally activated dynamics of spontaneous perpendicular vortices tuned by parallel magnetic fields in thin superconducting films. Physical Review B, 2012, 86, .	1.1	8
119	Roles of intrinsic anisotropy and c -axis MgB_2 films probed by magneto-optical and transport measurements. Physical Review B, 2014, 90, .	1.1	8
120	Fragmentation of Fast Josephson Vortices and Breakdown of Ordered States by Moving Topological Defects. Scientific Reports, 2015, 5, 17821.	1.6	8
121	Dynamic pair-breaking current, critical superfluid velocity, and nonlinear electromagnetic response of nonequilibrium superconductors. Physical Review B, 2020, 102, .	1.1	7
122	Multiband superconductivity in LaFeAsO _{0.9} F _{0.1} single crystals probed by high-field vortex torque magnetometry. Physical Review B, 2011, 83, .	1.1	6
123	Nonlinear dynamics of Josephson vortices in a film screen under dc and ac magnetic fields. Physica C: Superconductivity and Its Applications, 2014, 506, 59-68.	0.6	6
124	Tuning vortex fluctuations and the resistive transition in superconducting films with a thin overlayer. Physical Review B, 2018, 98, .	1.1	6
125	On the theory of normal zone propagation in superconductors. IEEE Transactions on Magnetics, 1981, 17, 220-223.	1.2	5
126	Superconductivity in LaMnO_2 . Physical Review B, 2020, 102, .	1.1	5

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127	Asymmetry of the normal zone propagation velocity in superconductors. Cryogenics, 1981, 21, 102-104.	0.9	4
128	Motion of a kink in a bistable medium with hysteresis. Physica D: Nonlinear Phenomena, 1989, 35, 382-394.	1.3	4
129	Critical current in disk shaped YBaCuO films determined by an inductive method. Superconductor Science and Technology, 1992, 5, S403-S406.	1.8	4
130	Evidence for preferential flux flow at the grain boundaries of superconducting RF-quality niobium. Superconductor Science and Technology, 2018, 31, 045001.	1.8	4
131	Current-driven production of vortex-antivortex pairs in planar Josephson junction arrays and phase cracks in long-range order. Scientific Reports, 2018, 8, 15460.	1.6	4
132	Nonlinear Meissner effect in Nb coplanar resonators. Physical Review Research, 2022, 4, .	1.3	4
133	Origination and oscillations of normal zone in superconductors. IEEE Transactions on Magnetics, 1983, 19, 236-239.	1.2	3
134	Influence of the Surface Irregularity on the Bean-Livingston Barrier in Type II Superconductors. Physica Status Solidi (B): Basic Research, 1988, 145, K47.	0.7	3
135	Macrovortex structure and magnetic granularity in anisotropic superconductors. Superconductor Science and Technology, 1992, 5, S383-S386.	1.8	3
136	Helical instability of charged vortices in layered superconductors. Physical Review B, 2010, 81, .	1.1	3
137	The electromagnetic properties of iron-based superconductors. Superconductor Science and Technology, 2010, 23, 050201-050201.	1.8	3
138	Suppressed Superconductivity on the Surface of Superconducting RF Quality Niobium for Particle Accelerating Cavities. , 2011, , .		3
139	High-field properties of pure and doped MgB_2 and Fe-based superconductors. MRS Bulletin, 2011, 36, 626-630.	1.7	3
140	Instability of flux flow and production of vortex-antivortex pairs by current-driven Josephson vortices in layered superconductors. Physical Review B, 2019, 99, .	1.1	3
141	Nonlinear current flow and electric field domains in inhomogeneous superconductors. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1249-1250.	0.6	2
142	Paramagnetic Properties of $\text{NdFeAsO}_{0.94}\text{F}_{0.06}$ Polycrystals. Journal of the Physical Society of Japan, 2008, 77, 84-86.	0.7	2
143	Imaging of the Surface Resistance of an SRF Cavity by Low-Temperature Laser Scanning Microscopy. IEEE Transactions on Applied Superconductivity, 2013, 23, 3500506-3500506.	1.1	2
144	On dissipative structures in nonuniform media. Physics Letters, Section A: General, Atomic and Solid State Physics, 1985, 109, 405-407.	0.9	1

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145	Multiple peaks in the angular and field dependence of the critical currents in Nb-47wt%Ti/Cu multilayers. IEEE Transactions on Applied Superconductivity, 1997, 7, 1205-1208.	1.1	1
146	On the effect of dislocation arrays on the superconducting transition temperature in HTSC. Low Temperature Physics, 1998, 24, 793-796.	0.2	1
147	Magneto-Optical Study High-Purity Niobium for Superconducting RF Application. AIP Conference Proceedings, 2011, , .	0.3	1
148	Thermomagnetic effects, stability and oscillations in the critical state in hard superconductors. Journal Physics D: Applied Physics, 1981, 14, 1129-1138.	1.3	0
149	Superconducting glassy state induced by twins. Physica C: Superconductivity and Its Applications, 1989, 162-164, 233-234.	0.6	0
150	Investigation of superconducting filament non-uniformities by an electrical method. Cryogenics, 1990, 30, 883-888.	0.9	0
151	Nanoscale Disorder in MgB ₂ Thin Films Grown by Hybrid Physical-Chemical Vapor Deposition. Microscopy and Microanalysis, 2008, 14, 212-213.	0.2	0
152	Publisher's Note: Specific heat investigation in high magnetic field of the magnetic ordering of the rare-earth lattice in RFeAsO: The case of Sm [Phys. Rev. B80, 214404 (2009)]. Physical Review B, 2009, 80, .	1.1	0
153	Superconducting Radio-Frequency Fundamentals for Particle Accelerators. , 2013, , 119-146.		0
154	The vortex explosion transition. , 2013, , .		0
155	The Mixed State of Thin Films in Parallel Fields. NATO Science for Peace and Security Series C: Environmental Security, 2015, , 15-19.	0.1	0
156	Suppressed Superconductivity on the Surface of Superconducting RF Quality Niobium for Particle Accelerating Cavities. AIP Conference Proceedings, 2011, , .	0.3	0