

W-K Kwok

List of Publications by Year in descending order

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367
papers

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10986

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times ranked

9582
citing authors

#	ARTICLE	IF	CITATIONS
1	Nontrivial Fermi surface topology of the kagome superconductor CsV_3Sb_5 probed by de Haas-van Alphen oscillations. Physical Review B, 2022, 105, .		
2	Coherent Coupling of Two Remote Magnonic Resonators Mediated by Superconducting Circuits. Physical Review Letters, 2022, 128, 047701.	7.8	44
3	Writable spin wave nanochannels in an artificial-spin-ice-mediated ferromagnetic thin film. Applied Physics Letters, 2022, 120, 132404.	3.3	2
4	Tunable Magnetically Induced Transparency Spectra in Magnon-Magnon Coupled $\text{YFe}_5\text{O}_{12}$ Permalloy Bilayers. Physical Review Applied, 2022, 17, .	3.8	4
5	Superconducting properties of the spin Hall candidate Ta_3Sb_5 with eightfold degeneracy. Physical Review B, 2022, 105, .	3.2	1
6	2D Homologous Series $\text{Sr}_2\text{F}_2\text{Bi}_2\text{S}_2$ ($M = \text{Pb}$), $\text{TjETQqO}_0\text{rgBT}$ /Overlock 10 Tf 50 552 Td (Ag	4.0	2
7	Magnetic circuit for Abrikosov vortices: Vortex motion in a periodic labyrinth of magnetic T and I-shaped elements under a superconducting film. Journal of Magnetism and Magnetic Materials, 2022, 557, 169476.	2.3	1
8	Evidence of Magnon-Mediated Orbital Magnetism in a Quasi-2D Topological Magnon Insulator. Nano Letters, 2022, 22, 5114-5119.	9.1	2
9	Large enhancement of the in-field critical current density of YBCO coated conductors due to composite pinning landscape. Superconductor Science and Technology, 2021, 34, 015011.	3.5	12
10	Switchable X-Ray Orbital Angular Momentum from an Artificial Spin Ice. Physical Review Letters, 2021, 126, 117201.	7.8	16
11	Observing the Suppression of Superconductivity in RbEuFe_4 by Correlated Magnetic Fluctuations. Physical Review Letters, 2021, 126, 157001.	7.8	15
12	Tailoring magnetization reversal of a single-domain bar nanomagnet via its end geometry. AIP Advances, 2021, 11, .	1.3	3
13	Design and characterization of microstrip patch antennas for high- T_c superconducting terahertz emitters. Optics Express, 2021, 29, 16980.	3.4	5
14	Superconducting diode effect via conformal-mapped nanoholes. Nature Communications, 2021, 12, 2703.	12.8	61
15	Interface roughness governed negative magnetoresistances in two-dimensional electron gases in AlGaIn/GaN heterostructures. Physical Review Materials, 2021, 5, .	2.4	2
16	Non-Ohmic negative longitudinal magnetoresistance in a two-dimensional electron gas. Physical Review B, 2021, 103, .	3.2	1
17	Extended Kohler's Rule of Magnetoresistance. Physical Review X, 2021, 11, .	8.9	16
18	The Quest for High Critical Current in Applied High-Temperature Superconductors. Journal of Superconductivity and Novel Magnetism, 2020, 33, 127-141.	1.8	15

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19	Hybrid magnonics: Physics, circuits, and applications for coherent information processing. Journal of Applied Physics, 2020, 128, .	2.5	141
20	Reconfigurable Pinwheel Artificial-Spin-Ice and Superconductor Hybrid Device. Nano Letters, 2020, 20, 8933-8939.	9.1	5
21	Stacked Intrinsic Josephson Junction Bi ₂ Sr ₂ CaCu ₂ O ₈ Terahertz Sources: Design Issues for Achieving High Power Output Close to T _c ., 2020, , .		0
22	Asymmetric crossing of the attractive and repulsive magnetic potential by Abrikosov vortices. Physical Review B, 2020, 102, .	3.2	3
23	Charge density wave and superconductivity competition in $\text{Lu}_{1-x}\text{Ce}_x\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8-y}$. Cooperative response of magnetism and superconductivity in the magnetic superconductor $\text{RbEuFe}_4\text{As}_2$. Physical Review B, 2019, 100, .	3.2	7
24	Charge density wave and superconductivity competition in $\text{Lu}_{1-x}\text{Ce}_x\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8-y}$. Cooperative response of magnetism and superconductivity in the magnetic superconductor $\text{RbEuFe}_4\text{As}_2$. Physical Review B, 2019, 100, .	3.2	5
25	Transport characterization and pinning analysis of BaFe _{1.9} Ni _{0.1} As _{2.05} thin films. Superconductor Science and Technology, 2020, 33, 044002.	3.5	3
26	Magnetic and superconducting anisotropy in Ni-doped $\text{RbEuFe}_4\text{As}_2$ single crystals. Physical Review B, 2020, 101, .	3.2	3
27	Mesa-Sidewall Effect on Coherent Terahertz Radiation via Spontaneous Synchronization of Intrinsic Josephson Junctions in Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ . Physical Review Applied, 2020, 13, .	3.8	8
28	Orbital-flop Induced Magnetoresistance Anisotropy in Rare Earth Monopnictide CeSb. Nature Communications, 2019, 10, 2875.	12.8	17
29	Phase transition preceding magnetic long-range order in the double perovskite BaBi_2O_7 . Physical Review B, 2019, 100, .	3.2	11
30	Strong Coupling between Magnons and Microwave Photons in On-Chip Ferromagnet-Superconductor Thin-Film Devices. Physical Review Letters, 2019, 123, 107701.	7.8	121
31	Melting of vortex lattice in the magnetic superconductor $\text{RbEuFe}_4\text{As}_2$. Physical Review B, 2019, 100, .	3.2	11
32	Antiferromagnetic Semiconductor BaFMn _{0.5} Te with Unique Mn Ordering and Red Photoluminescence. Journal of the American Chemical Society, 2019, 141, 17421-17430.	13.7	10
33	Negative longitudinal magnetoresistance in gallium arsenide quantum wells. Nature Communications, 2019, 10, 287.	12.8	18
34	Strongly fluctuating moments in the high-temperature magnetic superconductor $\text{RbEuFe}_4\text{As}_2$. Physical Review B, 2019, 99, .	3.2	11
35	Disorder raises the critical temperature of a cuprate superconductor. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10691-10697.	7.1	34

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37	Self-induced magnetic flux structure in the magnetic superconductor RbEuFeAs_4 . Physical Review B, 2019, 99, .	3.2	14
38	Targeted evolution of pinning landscapes for large superconducting critical currents. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10291-10296.	7.1	20
39	Particle Irradiation Induced Defects in High Temperature Superconductors. MRS Advances, 2019, 4, 119-124.	0.9	3
40	A Natural 2D Heterostructure $[\text{Pb}_{3.1}\text{Sb}_{0.9}\text{S}_4][\text{Au}_x\text{Te}_{2-x}]$ with Large Transverse Nonsaturating Negative Magnetoresistance and High Electron Mobility. Journal of the American Chemical Society, 2019, 141, 7544-7553.	13.7	8
41	Ordered single crystals of the magnetically ordered superconductor RbEuFeAs_4 . Physical Review B, 2019, 100, .	3.2	15
42	Magnetization-governed magnetoresistance anisotropy in the topological semimetal CeBi. Physical Review B, 2019, 100, .	3.2	10
43	Observation of a twin-mode resonant state in a Bi_2Te_3 thin film. Physical Review B, 2019, 100, .	3.2	11
44	Chemical stability and superconductivity in Ag-sheathed $\text{CaKFe}_4\text{As}_4$ superconducting tapes. Superconductor Science and Technology, 2019, 32, 015008.	3.5	10
45	High Hole Mobility and Nonsaturating Giant Magnetoresistance in the New 2D Metal NaCu_4Se_4 Synthesized by a Unique Pathway. Journal of the American Chemical Society, 2019, 141, 635-642.	13.7	14
46	Programmable bias field observed in graded ferromagnetic semiconductor films with broken symmetry. Physical Review Materials, 2019, 3, .	2.4	4
47	Superconductivity, pairing symmetry, and disorder in the doped topological insulator $\text{Sn}_x\text{Te}_{1-x}$. Physical Review B, 2018, 97, .	3.2	14
48	Thick $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+x}$ films grown by liquid-phase epitaxy for Josephson THz applications. Superconductor Science and Technology, 2018, 31, 015009.	3.5	7
49	Nanocalorimetric evidence for nematic superconductivity in the doped topological insulator $\text{Sr}_{1-x}\text{Te}_x$. Physical Review B, 2018, 98, .	3.2	32
50	Extreme asymmetry of Ni domain walls in multilayered films of the dilute magnetic semiconductor $(\text{Ga,Mn})(\text{As,P})$. Physical Review B, 2018, 98, .	3.2	7
51	Glassy Dynamics in a heavy ion irradiated NbSe_2 crystal. Scientific Reports, 2018, 8, 13162.	3.3	11
52	Anisotropic superconductivity and magnetism in single-crystal RbEuFeAs_4 . Physical Review B, 2018, 98, .	3.2	14
53	Superconducting and normal-state anisotropy of the doped topological insulator $\text{Sr}_{0.1}\text{Bi}_2\text{Se}_3$. Scientific Reports, 2018, 8, 7666.	3.3	39
54	Extended electronic structure inhomogeneity created by double chain layer defects surrounding columnar tracks in heavy-ion irradiated $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. Superconductor Science and Technology, 2018, 31, 105006.	3.5	9

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73	Nanocalorimeter platform for in situ specific heat measurements and x-ray diffraction at low temperature. Review of Scientific Instruments, 2017, 88, 125108.	1.3	18
74	Toward Superconducting Critical Current by Design. Advanced Materials, 2016, 28, 4593-4600.	21.0	53
75	Large spin-orbit coupling and helical spin textures in 2D heterostructure [Pb2BiS3][AuTe2]. Scientific Reports, 2016, 6, 35313.	3.3	11
76	Irradiation Induced Defects in YBa2Cu3O 7- δ Coated Conductors. Microscopy and Microanalysis, 2016, 22, 1492-1493.	0.4	0
77	Triode for Magnetic Flux Quanta. Scientific Reports, 2016, 6, 36847.	3.3	26
78	Rewritable artificial magnetic charge ice. Science, 2016, 352, 962-966.	12.6	122
79	Engineered Pinning Landscapes for Enhanced 2G Coil Wire. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4.	1.7	42
80	From complex magnetism ordering to simple ferromagnetism in two-dimensional LaCrS_3 by hole doping. Physical Review B, 2016, 94, .	3.2	2
81	Vortex cutting in superconductors. Physical Review B, 2016, 94, .	3.2	14
82	Hybridization Gap in the Semiconducting Compound SrIr4In2Ge4. Inorganic Chemistry, 2016, 55, 12477-12481.	4.0	2
83	Evidence of nodes in the order parameter of the superconducting doped topological insulator $\text{Nb}_x\text{Sb}_{1-x}$ via penetration depth measurements. Physical Review B, 2016, 94, .	3.2	56
84	Vortices in high-performance high-temperature superconductors. Reports on Progress in Physics, 2016, 79, 116501.	20.1	157
85	Charge-screening role of c -axis atomic displacements in $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$ related superconductors. Physical Review B, 2016, 93, .	3.2	19
86	Effect of proton irradiation on superconductivity in optimally doped $\text{BaFe}_2(\text{As}_{1-x}\text{Px})_2$ single crystals. Physical Review B, 2016, 93, .	3.2	18
87	Microscopic parameters from high-resolution specific heat measurements on superoptimally substituted $\text{BaFe}_{1-x}\text{Co}_x\text{As}_2$. Physical Review B, 2016, 93, .	3.2	16
88	Enhancing superconducting critical current by randomness. Physical Review B, 2016, 93, .	3.2	20
89	Crossing fields in thin films of isotropic superconductors. Physical Review B, 2016, 94, .	3.2	23
90	Critical fields and vortex pinning in overdoped $\text{Ba}_{0.2}\text{K}_{0.8}\text{Fe}_2\text{As}_2$. Physical Review B, 2015, 91, .	3.2	8

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91	Anisotropic superconductors in tilted magnetic fields. Physical Review B, 2015, 91, .	3.2	9
92	Superconducting gap evolution in overdoped BaFe_2As_2 crystals through nanocalo. Physical Review B, 2015, 91, .	3.2	6
93	Origin of the turn-on temperature behavior in WTe_2 . Physical Review B, 2015, 92, .	3.2	2
94	Temperature-Dependent Three-Dimensional Anisotropy of the Magnetoresistance in WTe_2 . Physical Review Letters, 2015, 115, 046602.	7.8	113
95	Rapid doubling of the critical current of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ coated conductors for viable high-speed industrial processing. Applied Physics Letters, 2015, 107, .	3.3	64
96	Imaging atomic-scale effects of high-energy ion irradiation on superconductivity and vortex pinning in $\text{Fe}(\text{Se},\text{Te})$. Science Advances, 2015, 1, e1500033.	10.3	50
97	Current Filamentation in Large BiO_8 . Physical Review Applied, 2015, 3, .	3.8	21
98	Two-Dimensional Mineral $[\text{Pb}_2\text{BiS}_3][\text{AuTe}_2]$: High-Mobility Charge Carriers in Single-Atom-Thick Layers. Journal of the American Chemical Society, 2015, 137, 2311-2317.	13.7	14
99	Self-healing patterns in ferromagnetic-superconducting hybrids. Superconductor Science and Technology, 2015, 28, 035006. Antiferromagnetic and nematic phase transitions in BaF_2 .	3.5	4
100			

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145	Effect of sample geometry on the phase boundary of a mesoscopic superconducting loop. Physical Review B, 2009, 80, .	3.2	21
146	Emission of Terahertz Waves From Stacks of Intrinsic Josephson Junctions. IEEE Transactions on Applied Superconductivity, 2009, 19, 886-890.	1.7	38
147	Terahertz wave emission from intrinsic Josephson junctions in high- T_c superconductors. Superconductor Science and Technology, 2009, 22, 114009.	3.5	44
148	Specific heat and phase diagrams of single crystal iron pnictide superconductors. Physica C: Superconductivity and Its Applications, 2009, 469, 575-581.	1.2	18
149	Enhanced Electron Transport in Dye-Sensitized Solar Cells Using Short ZnO Nanotips on A Rough Metal Anode. Journal of Physical Chemistry C, 2009, 113, 20521-20526.	3.1	68
150	Growth and superconductivity of FeSex crystals. Applied Physics Letters, 2009, 94, .	3.3	89
151	Adjustable superconducting anisotropy in MoGe-Permalloy hybrids. Journal of Physics: Conference Series, 2009, 150, 052095.	0.4	3
152	STM studies of Co_xNbSe_2 and Mn_xNbSe_2 . Journal of Physics: Conference Series, 2009, 150, 052073.	0.4	5
153	Membrane-based calorimetry for studies of sub-microgram samples. Journal of Physics: Conference Series, 2009, 150, 052256.	0.4	9
154	Direct observation of terahertz electromagnetic waves emitted from intrinsic Josephson junctions in single crystalline $Bi_2Sr_2CaCu_2O_8$. Physica C: Superconductivity and Its Applications, 2008, 468, 634-639.	1.2	148
155	Multidirectional in-plane linear correlated disorder pinning of vortices in $YBa_2Cu_3O_7$. Superconductor Science and Technology, 2008, 21, 025002.	3.5	7
156	Magnetoresistance Anisotropy of a One-Dimensional Superconducting Niobium Strip. Physical Review Letters, 2008, 101, 077003.	7.8	12
157	Guiding superconducting vortices with magnetic domain walls. Physical Review B, 2008, 77, .	3.2	81
158	Enhancement of the irreversibility line in $YBa_2Cu_3O_7$ crystals patterned by heavy ion lithography. Physical Review B, 2008, 77, .	3.2	6
159	Soft magnetic lithography and giant magnetoresistance in superconducting/ferromagnetic hybrids. Physical Review B, 2008, 78, .	3.2	23
160	Calorimetric determination of the upper critical fields and anisotropy of $NdFeAsO_{1-x}F_x$ single crystals. Physical Review B, 2008, 78, .	3.2	56
161	Emerging Measurement Techniques For Studies Of Mesoscopic Superconductors. NATO Science for Peace and Security Series B: Physics and Biophysics, 2008, , 117-126.	0.3	0
162	Resistance anomaly in disordered superconducting films. Applied Physics Letters, 2007, 90, 072507.	3.3	9

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163	Synthesis and superconducting properties of niobium nitride nanowires and nanoribbons. Applied Physics Letters, 2007, 91, .	3.3	30
164	Origin of the matching effect in a superconducting film with a hole array. Physical Review B, 2007, 76, .	3.2	45
165	Driven Magnetic Particles on a Fluid Surface: Pattern Assisted Surface Flows. Physical Review Letters, 2007, 99, 158301.	7.8	84
166	Emission of Coherent THz Radiation from Superconductors. Science, 2007, 318, 1291-1293.	12.6	678
167	Mixed Valency in $\text{Yb}_{7}\text{Co}_{4}\text{InGe}_{12}$: A Novel Intermetallic Compound Stabilized in Liquid Indium. Chemistry of Materials, 2007, 19, 4769-4775.	6.7	40
168	Growth and Properties of Superconducting Anisotropic Lead Nanoprisms. Journal of Physical Chemistry C, 2007, 111, 3548-3550.	3.1	11
169	Vortex lattice transitions in artificially engineered NbSe_2 single crystals observed by STM. Physica C: Superconductivity and Its Applications, 2007, 460-462, 952-953.	1.2	1
170	STM Observation of Vortex Lattice Transitions in Superconducting Single Crystals with Periodic Pinning Arrays. AIP Conference Proceedings, 2006, , .	0.4	0
171	STM Imaging of Vortices in FIB-Sculptured Mesoscopic Superconductors. Microscopy and Microanalysis, 2006, 12, 990-991.	0.4	0
172	The loss of vortex line tension sets an upper limit to the irreversibility line in $\text{YBa}_2\text{Cu}_3\text{O}_7$. Nature Physics, 2006, 2, 402-407.	16.7	44
173	Anisotropic superconducting phase diagram of C_6Ca . Physica C: Superconductivity and Its Applications, 2006, 439, 43-46.	1.2	9
174	New transition in the vortex liquid state of $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$. Physica C: Superconductivity and Its Applications, 2006, 437-438, 176-179.	1.2	2
175	Measurements of the Meissner fraction as a function of oxygen ordering for oxygen deficient $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ single crystals. Superconductor Science and Technology, 2006, 19, 980-985.	3.5	2
176	Dynamic self-assembly of magnetic particles on the fluid interface: Surface-wave-mediated effective magnetic exchange. Physical Review E, 2006, 73, 041306.	2.1	46
177	Surface Wave Assisted Self-Assembly of Multidomain Magnetic Structures. Physical Review Letters, 2006, 96, 078701.	7.8	77
178	Anisotropic pinning in the vortex liquid phase of YBCO. Physica C: Superconductivity and Its Applications, 2005, 426-431, 14-17.	1.2	1
179	Superconductors in confined geometries. Materials Research Society Symposia Proceedings, 2005, 887, 1.	0.1	0
180	Characterization of off-axis MgB_2 epitaxial thin films for planar junctions. Applied Physics Letters, 2005, 87, 242506.	3.3	14

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181	Effect of disorder in MgB ₂ thin films. <i>Physical Review B</i> , 2005, 71, .	3.2	40
182	Direct Observation of Geometrical Phase Transitions in Mesoscopic Superconductors by Scanning Tunneling Microscopy. <i>Physical Review Letters</i> , 2005, 95, 167002.	7.8	92
183	Self-diffusion of particles in gas-driven granular layers with periodic flow modulation. <i>Physical Review E</i> , 2005, 72, 040301.	2.1	17
184	Fabrication of Palladium Nanotubes and Their Application in Hydrogen Sensing. <i>Chemistry of Materials</i> , 2005, 17, 3445-3450.	6.7	132
185	Structure Formation in Electromagnetically Driven Granular Media. <i>Physical Review Letters</i> , 2005, 94, 108002.	7.8	73
186	Superconducting NbSe ₂ nanowires and nanoribbons converted from NbSe ₃ nanostructures. <i>Applied Physics Letters</i> , 2005, 87, 142506.	3.3	29
187	Self-assembled monolayer-enhanced hydrogen sensing with ultrathin palladium films. <i>Applied Physics Letters</i> , 2005, 86, 203104.	3.3	206
188	Nanowires and Nanoribbons of Charge-Density-Wave Conductor NbSe ₃ . <i>Nano Letters</i> , 2005, 5, 397-401.	9.1	62
189	STM tunnelling spectroscopy in MgB ₂ thin films: the role of band structure in tunnelling spectra. <i>Superconductor Science and Technology</i> , 2004, 17, S106-S111.	3.5	7
190	Self-Assembly and Vortices Formed by Microparticles in Weak Electrolytes. <i>Physical Review Letters</i> , 2004, 93, 084502.	7.8	34
191	Two-band effects in the angular dependence of H _{c2} of MgB ₂ single crystals. <i>Physical Review B</i> , 2004, 70, .	3.2	44
192	Publisher's Note: Two-band effects in the angular dependence of H _{c2} of MgB ₂ single crystals [<i>Phys. Rev. B</i> 70, 132503 (2004)]. <i>Physical Review B</i> , 2004, 70, .	3.2	1
193	Commensurate vortex pinning in Nb films patterned onto anodized aluminum oxide. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 412-414, 347-351.	1.2	8
194	Nanometer-scale probing of optical and thermal near-fields with an apertureless NSOM. <i>Superlattices and Microstructures</i> , 2004, 35, 315-323.	3.1	2
195	Tuning the Architecture of Mesostuctures by Electrodeposition. <i>Journal of the American Chemical Society</i> , 2004, 126, 2316-2317.	13.7	155
196	Phase Diagram of Single Crystal MgB ₂ . <i>Journal of Low Temperature Physics</i> , 2003, 131, 1237-1244.	1.4	1
197	Directional scanning tunneling spectroscopy in MgB ₂ . <i>Physica C: Superconductivity and Its Applications</i> , 2003, 385, 215-220.	1.2	15
198	Superconducting phase diagram of single-crystal MgB ₂ . <i>Physica C: Superconductivity and Its Applications</i> , 2003, 385, 154-161.	1.2	34

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199	Heavy-ion irradiation of UBe ₁₃ superconductors. Journal of Physics and Chemistry of Solids, 2003, 64, 1015-1020.	4.0	3
200	Effects of Pb-ion irradiation on the vortex pinning in melt-textured YBa ₂ Cu ₃ O _x . Physica C: Superconductivity and Its Applications, 2003, 390, 291-295.	1.2	8
201	Superconducting transition and phase diagram of single-crystal MgB ₂ . Physical Review B, 2003, 67, .	3.2	86
202	Crystal-Lattice Coupling to the Vortex-Melting Transition in YBa ₂ Cu ₃ O _{7-δ} . Physical Review Letters, 2003, 90, 237002.	7.8	8
203	Periodic and Disordered Structures in a Modulated Gas-Driven Granular Layer. Physical Review Letters, 2003, 90, 134301.	7.8	50
204	Surface contribution to the superconducting properties of MgB ₂ single crystals. Physical Review B, 2003, 68, .	3.2	41
205	Dynamic Self-Assembly and Patterns in Electrostatically Driven Granular Media. Physical Review Letters, 2003, 90, 114301.	7.8	95
206	Upper critical magnetic fields in single crystal MgB ₂ . Superconductor Science and Technology, 2003, 16, 193-198.	3.5	14
207	MgB ₂ : directional tunnelling and two-band superconductivity. Superconductor Science and Technology, 2003, 16, 156-161.	3.5	14
208	Bose glass transition in columnar-defected untwinned YBa ₂ Cu ₃ O _{7-δ} . Physical Review B, 2002, 65, .	3.2	52
209	Vortex-lattice melting in untwinned YBa ₂ Cu ₃ O _{7-δ} for $H \parallel c$. Physical Review B, 2002, 65, .	3.2	17
210	STM tunneling spectroscopic studies of YNdxBa _{2-x} Cu ₃ O _{7-δ} thin films. Physical Review B, 2002, 65, .	3.2	9
211	Two-Band Superconductivity in MgB ₂ . Physical Review Letters, 2002, 89, 187002.	7.8	306
212	Fabrication of Alumina Nanotubes and Nanowires by Etching Porous Alumina Membranes. Nano Letters, 2002, 2, 1293-1297.	9.1	210
213	Nickel antidot arrays on anodic alumina substrates. Applied Physics Letters, 2002, 81, 2869-2871.	3.3	111
214	Anisotropy of the upper critical field and critical current in single crystal MgB ₂ . Physical Review B, 2002, 66, .	3.2	176
215	Angular Dependence of the Irreversibility Line in Irradiated a-Axis-Oriented EuBa ₂ Cu ₃ O ₇ Films. , 2002, , 545-549.		0
216	Modification of vortex behavior through heavy ion lithography. Physica C: Superconductivity and Its Applications, 2002, 382, 137-141.	1.2	56

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217	An unusual phase transition to a second liquid vortex phase in the superconductor YBa ₂ Cu ₃ O ₇ . Nature, 2001, 411, 448-451.	27.8	104
218	Scanning Tunneling Spectroscopy in MgB ₂ . Physical Review Letters, 2001, 86, 4374-4377.	7.8	185
219	Effects of successive proton irradiation on the peak effect in YBa ₂ Cu ₃ O ₇ single crystals. Applied Physics Letters, 2001, 78, 3097-3099.	3.3	10
220	Bose glass melting and the transverse Meissner effect in YBa ₂ Cu ₃ O ₇ single crystals. Physical Review B, 2001, 63, .	3.2	10
221	Thermal stability of correlated defects introduced by heavy ion irradiation in YBa ₂ Cu ₃ O ₇ single crystals. Physical Review B, 2001, 64, .	3.2	7
222	Weak pinning phenomena in liquid state in Bi ₂ Sr ₂ CaCu ₂ O ₈ with columnar defects. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1133-1134.	1.2	1
223	Reduction of critical temperatures in pure and thoriated UBe ₁₃ by columnar defects. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1953-1954.	1.2	1
224	The effect of disorder on the critical points in the vortex phase diagram of YBCO. Physica C: Superconductivity and Its Applications, 2000, 332, 71-79.	1.2	15
225	Reentrant softening as precursor to reentrant melting of the vortex lattice in YBCO single crystal. Physica C: Superconductivity and Its Applications, 2000, 332, 370-373.	1.2	5
226	Fast vortex motion and filamentary phase separation in YBCO and TlBCCO thin films. Physica C: Superconductivity and Its Applications, 2000, 332, 207-213.	1.2	2
227	Approaching the pT range with a 2DEG InGaAs/InP Hall sensor at 77 K. Microelectronic Engineering, 2000, 51-52, 333-342.	2.4	10
228	Disordered Vortex Phases in YBa ₂ Cu ₃ O ₇ . Journal of Superconductivity and Novel Magnetism, 2000, 13, 741-748.	0.5	0
229	Properties of electrostatically-driven granular medium: Phase transitions and charge transfer. AIP Conference Proceedings, 2000, , .	0.4	0
230	Nanostructures in high-temperature superconductors. , 2000, , .		1
231	Evolution of the vortex phase diagram in YBa ₂ Cu ₃ O ₇ with random point disorder. Physical Review B, 2000, 61, R11910-R11913.	3.2	29
232	Fast vortex motion and filamentary phase separation in high-T _c thin films. Physical Review B, 2000, 61, 11711-11721.	3.2	12
233	Dynamic Phases and the Peak Effect in Dirty Type II Superconductors. Physical Review Letters, 2000, 84, 2493-2496.	7.8	37
234	Vortex Flow and Transverse Flux Screening at the Bose Glass Transition. Physical Review Letters, 2000, 84, 4974-4977.	7.8	16

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