

Sunseng Pyon

List of Publications by Year in descending order

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141
papers

4,221
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117625

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141
all docs

141
docs citations

141
times ranked

4283
citing authors

#	ARTICLE	IF	CITATIONS
1	Light-Induced Superconductivity in a Stripe-Ordered Cuprate. <i>Science</i> , 2011, 331, 189-191.	12.6	883
2	Zero-energy vortex bound state in the superconducting topological surface state of Fe(Se,Te). <i>Nature Materials</i> , 2019, 18, 811-815.	27.5	214
3	Fermi-surface reconstruction by stripe order in cuprate superconductors. <i>Nature Communications</i> , 2011, 2, 432.	12.8	149
4	Superconductivity Induced by Bond Breaking in the Triangular Lattice of IrTe ₂ . <i>Journal of the Physical Society of Japan</i> , 2012, 81, 053701.	1.6	140
5	Enhancement of the Nernst effect by stripe order in a high-T _c superconductor. <i>Nature</i> , 2009, 458, 743-745.	27.8	123
6	Thermodynamic signatures of quantum criticality in cuprate superconductors. <i>Nature</i> , 2019, 567, 218-222.	27.8	120
7	Giant thermal Hall conductivity in the pseudogap phase of cuprate superconductors. <i>Nature</i> , 2019, 571, 376-380.	27.8	105
8	Chiral phonons in the pseudogap phase of cuprates. <i>Nature Physics</i> , 2020, 16, 1108-1111.	16.7	95
9	Bi-directional ultrafast electric-field gating of interlayer charge transport in a cuprate superconductor. <i>Nature Photonics</i> , 2011, 5, 485-488.	31.4	89
10	Pseudogap temperature T^* of cuprate superconductors from the Nernst effect. <i>Physical Review B</i> , 2018, 97, .	12.1	99
11	Optical excitation of Josephson plasma solitons in a cuprate superconductor. <i>Nature Materials</i> , 2013, 12, 535-541.	27.5	82
12	Dynamics and mechanism of oxygen annealing in Fe _{1+y} Te _{0.6} Se _{0.4} single crystal. <i>Scientific Reports</i> , 2014, 4, 4585.	3.3	79
13	Decrease of upper critical field with underdoping in cuprate superconductors. <i>Nature Physics</i> , 2012, 8, 751-756.	16.7	77
14	Orbital degeneracy and Peierls instability in the triangular-lattice superconductor IrPt. <i>Physical Review B</i> , 2013, 87, 040501.	3.2	70
15	Electronic Structure Reconstruction by Orbital Symmetry Breaking in IrTe ₂ . <i>Journal of the Physical Society of Japan</i> , 2013, 82, 093704.	1.6	65
16	Critical current density, vortex dynamics, and phase diagram of single-crystal FeSe. <i>Physical Review B</i> , 2015, 92, .	3.2	65
17	Three-Dimensional Fermi Surface of Overdoped La-Based Cuprates. <i>Physical Review Letters</i> , 2018, 121, 077004.	7.8	61
18	Improvements of fabrication processes and enhancement of critical current densities in (Ba,K)Fe ₂ As ₂ HIP wires and tapes. <i>Superconductor Science and Technology</i> , 2018, 31, 055016.	3.5	59

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19	Electron carriers with possible Dirac cone-like dispersion in FeSe . <i>Physical Review B</i> , 2014, 89, 040501. https://doi.org/10.1103/PhysRevB.89.040501	3.2	57
20	Electron scattering, charge order, and pseudogap physics in $\text{La}_{1.6}\text{Nd}_{0.4}\text{SrxCuO}_4$: An angle-resolved photoemission spectroscopy study. <i>Physical Review B</i> , 2015, 92, 040501.	3.2	56
21	Multiband effects and possible Dirac fermions in Te . <i>Physical Review B</i> , 2014, 89, 040501.	3.2	64
22	Domain Meissner state and spontaneous vortex-antivortex generation in the ferromagnetic superconductor $\text{EuFe}_{2-x}\text{As}_{2-y}\text{P}_2$ ($x=0.79$, $y=0.21$). <i>Science Advances</i> , 2018, 4, eaat1061.	10.3	54
23	Critical current density and vortex dynamics in pristine and proton-irradiated $\text{Ba}_{0.6}\text{K}_{0.4}\text{Fe}_2\text{As}_2$. <i>Superconductor Science and Technology</i> , 2015, 28, 085003.	3.5	52
24	Enhancement of critical current densities in $(\text{Ba,K})\text{Fe}_2\text{As}_2$ wires and tapes using HIP technique. <i>Superconductor Science and Technology</i> , 2016, 29, 115002.	3.5	48
25	Switching of Conducting Planes by Partial Dimer Formation in IrTe_2 . <i>Journal of the Physical Society of Japan</i> , 2014, 83, 033701.	1.6	47
26	Pair-breaking effects induced by 3-MeV proton irradiation in $\text{BaKFe}_2\text{As}_2$. <i>Physical Review B</i> , 2019, 99, 040501.	3.2	43
27	Large and Isotropic Critical Current Density Induced by Planar Defects in $\text{CaKFe}_4\text{As}_4$ Single Crystals. <i>Physical Review B</i> , 2019, 99, 040501.	3.2	42
28	Exfoliation and van der Waals heterostructure assembly of intercalated ferromagnet $\text{Cr}_{1/3}\text{TaS}_2$. <i>2D Materials</i> , 2017, 4, 041007.	4.4	41
29	Large, Homogeneous, and Isotropic Critical Current Density in Oxygen-Annealed $\text{Fe}_{1-x}\text{Te}_{0.6}\text{Se}_{0.4}$ Single Crystal. <i>Applied Physics Express</i> , 2013, 6, 043101.	2.4	39
30	Effects of drawing and high-pressure sintering on the superconducting properties of $(\text{Ba,K})\text{Fe}_2\text{As}_2$ powder-in-tube wires. <i>Superconductor Science and Technology</i> , 2015, 28, 125014.	3.5	38
31	Direct observation of orbital hybridisation in a cuprate superconductor. <i>Nature Communications</i> , 2018, 9, 972.	12.8	37
32	Magnetic relaxation and collective vortex creep in $\text{FeTe}_{0.6}\text{Se}_{0.4}$ single crystal. <i>Europhysics Letters</i> , 2013, 103, 57013.	2.0	36
33	Influence of interstitial Fe to the phase diagram of $\text{Fe}_{1+y}\text{Te}_{1-x}\text{S}_x$ single crystals. <i>Scientific Reports</i> , 2016, 6, 32290.	3.3	35
34	Superconductivity in Noncentrosymmetric Iridium Silicide Li_2IrSi_3 . <i>Journal of the Physical Society of Japan</i> , 2014, 83, 093706.	1.6	34
35	Enhancement of critical current densities by high-pressure sintering in $(\text{Sr,K})\text{Fe}_2\text{As}_2$ PIT wires. <i>Superconductor Science and Technology</i> , 2014, 27, 095002.	3.5	34
36	Suppression of Structural Phase Transition in IrTe_2 by Isovalent Rh Doping. <i>Journal of the Physical Society of Japan</i> , 2013, 82, 085001.	1.6	32

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37	Local structural displacements across the structural phase transition in IrTe_2 . Order-disorder of dimers and role of Ir-Te correlations. <i>Physical Review B</i> , 2013, 88, .		
38	Evolution of Superconductivity in $\text{Fe}_{1+y}\text{Te}_{1-x}\text{Se}_x$ Annealed in Te Vapor. <i>Journal of the Physical Society of Japan</i> , 2013, 82, 093705.	1.6	25
39	Trapping a magnetic field of 7.9 T using a bulk magnet fabricated from stack of coated conductors. <i>Physica C: Superconductivity and Its Applications</i> , 2016, 530, 20-23.	1.2	25
40	Enhancement of critical current density and mechanism of vortex pinning in H^+ -irradiated FeSe single crystal. <i>Applied Physics Express</i> , 2015, 8, 113102.	2.4	23
41	Fabrication and characterization of $\text{CaKFe}_4\text{As}_4$ round wires sintered at high pressure. <i>Applied Physics Express</i> , 2018, 11, 123101.	2.4	22
42	Emergence of superconductivity near the structural phase boundary in Pt-doped IrTe_2 single crystals. <i>Physica C: Superconductivity and Its Applications</i> , 2013, 494, 80-84.	1.2	21
43	Enhancement of Critical Current Densities in $(\text{Ba,K})\text{Fe}_2\text{As}_2$ by 320 MeV Au Irradiation in Single Crystals and by High-Pressure Sintering in Powder-in-Tube Wires. <i>Applied Physics Express</i> , 2013, 6, 123101.	2.4	21
44	Important Roles of Te_{5p} and Ir_{5d} Spin-Orbit Interactions on the Multi-band Electronic Structure of Triangular Lattice Superconductor $\text{Ir}_{1-x}\text{Pt}_x\text{Te}_2$. <i>Journal of the Physical Society of Japan</i> , 2014, 83, 033704.	1.6	21
45	Bond order and the role of ligand states in stripe-modulated IrTe_2 . <i>Physical Review B</i> , 2014, 90, .	3.2	21
46	Visualization of the magnetic flux structure in phosphorus-doped EuFe_2As_2 single crystals. <i>JETP Letters</i> , 2017, 105, 98-102.	1.4	21
47	Fabrication of small superconducting coils using $(\text{Ba,A})\text{Fe}_2\text{As}_2$ (A: Na, K) round wires with large critical current densities. <i>Superconductor Science and Technology</i> , 2021, 34, 105008.	3.5	21
48	Enhancement of critical current density in $(\text{Ba,Na})\text{Fe}_2\text{As}_2$ round wires using high-pressure sintering. <i>Superconductor Science and Technology</i> , 2020, 33, 065001.	3.5	20
49	Microwave analysis of the interplay between magnetism and superconductivity in EuFe_2As_2 . <i>Physical Review Research</i> , 2019, 1, .	3.6	20
50	Effects of heavy-ion irradiations in K-doped BaFe_2As_2 . <i>Physica C: Superconductivity and Its Applications</i> , 2015, 518, 47-50.	1.2	19
51	Charge order lock-in by electron-phonon coupling in $\text{La}_{1.675}\text{Eu}_{0.2}\text{Sr}_{0.125}\text{CuO}_4$. <i>Science Advances</i> , 2021, 7, .	10.3	18
52	Bulk Superconductivity in $\text{Fe}_{1+y}\text{Te}_{1-x}\text{Se}_x$ Induced by Annealing in Se and S Vapor. <i>Journal of the Physical Society of Japan</i> , 2013, 82, 115002.	1.6	17
53	Evolution of superconducting and transport properties in annealed $\text{FeTe}_{1-x}\text{Se}_x$ (0.1 $\leq x \leq$ 0.4) multiband superconductors. <i>Superconductor Science and Technology</i> , 2015, 28, 044002.	3.5	17
54	Effects of heavy-ion irradiation on FeSe . <i>Physical Review B</i> , 2017, 95, .	3.2	17

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55	Symmetry-protected nodes or gap minima in the s++ state of monocrystalline FeSe. Physical Review B, 2017, 96, .	3.2	17
56	Evidence for Fermi surface reconstruction in the static stripe phase of La 1.8-x Eu 0.2 Sr x CuO 4 , x=1/8. Europhysics Letters, 2009, 86, 47005.	2.0	16
57	High-Temperature Charge-Stripe Correlations in $\text{La}_{1-x}\text{Eu}_x\text{Sr}_x\text{CuO}_4$. Physical Review Letters, 2020, 124, 187002.	7.8	16
58	Anisotropic physical properties and large critical current density in $\text{KCa}_2\text{FeAs}_2\text{F}_2$ single crystal. Physical Review Materials, 2020, 4, .	2.4	16
59	Present status of PIT round wires of 122-type iron-based superconductors. IOP Conference Series: Materials Science and Engineering, 2017, 279, 012028.	0.6	15
60	Band structure of overdoped cuprate superconductors: Density functional theory matching experiments. Physical Review B, 2019, 99, .	3.2	15
61	Twofold role of columnar defects in iron based superconductors. Superconductor Science and Technology, 2020, 33, 094012.	3.5	15
62	Developments of $(\text{Ba},\text{Na})\text{Fe}_2\text{As}_2$ and $\text{CaKFe}_4\text{As}_4$ HIP round wires. Superconductor Science and Technology, 2020, 33, 104001.	3.5	14
63	Flux avalanches in Nb superconducting shifted strip arrays. Superconductor Science and Technology, 2013, 26, 095004.	3.5	13
64	Te_5 p-orbitals bring three-dimensional electronic structure to two-dimensional $\text{IrPt}_{0.95}$. Physical Review Letters, 2020, 125, 167201.	3.2	13
65	BaFe_2As_2 single crystal. Physical Review Materials, 2020, 4, .		

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73	Elucidating the origin of planar defects that enhance critical current density in CaKFeAs_4 single crystals. <i>Superconductor Science and Technology</i> , 2021, 34, 034003.	3.5	10
74	Structural-transition-induced quasi-two-dimensional Fermi surface in FeSe. <i>Physical Review B</i> , 2016, 94, .	3.2	9
75	Flux pinning in $\text{Ba}_{1-x}\text{K}_x\text{FeAs}_2$ single crystals. <i>Superconductor Science and Technology</i> , 2016, 29, 055006.	1.2	9
76	Field-driven transition in the $\text{Ba}_{1-x}\text{K}_x\text{FeAs}_2$ superconductor with splayed columnar defects. <i>Physical Review B</i> , 2018, 97, .	3.2	9
77	Demonstration of Excellent J_c Performance in $(\text{AE}, \text{Na})\text{Fe}_2\text{As}_2$ (AE : Sr, Ba) PIT Wires. <i>IEEE Transactions on Applied Superconductivity</i> , 2019, 29, 1-5.	1.7	9
78	Trapping a magnetic field of 17.89 T in stacked coated conductors by suppression of flux jumps. <i>Superconductor Science and Technology</i> , 2022, 35, 02LT01.	3.5	9
79	Charge-transfer excitons in underdoped $\text{Ca}_{2-x}\text{NaxCuO}_2\text{Cl}_2$ studied by electron energy-loss spectroscopy. <i>Physical Review B</i> , 2009, 79, .	3.2	8
80	Enhancement of critical current density in a $\text{Ca}_{0.85}\text{La}_{0.15}\text{Fe}(\text{As}_{0.92}\text{Sb}_{0.08})_2$ superconductor with $T_c = 47$ K through 3 MeV proton irradiation. <i>Superconductor Science and Technology</i> , 2016, 29, 055006.	3.5	8
81	Charge-Stripe Order and Superconductivity in $\text{Ir}_{1-x}\text{PtxTe}_2$. <i>Scientific Reports</i> , 2017, 7, 17157.	3.3	8
82	The Effect of 320 MeV Au Irradiation in K-doped Ba-122. <i>Physics Procedia</i> , 2014, 58, 122-125.	1.2	7
83	Magneto-optical characterizations of $\text{FeTe}_{0.5}\text{Se}_{0.5}$ thin films with critical current density over 1 MA cm^{-2} . <i>Superconductor Science and Technology</i> , 2015, 28, 015010.	3.5	7
84	Flux penetrations into two- and three-dimensional nanostructured superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2014, 503, 62-69.	1.2	6
85	Chalcogen (O, S, Se, Te) atmosphere annealing induced bulk superconductivity in $\text{Fe}_{1+x}\text{Te}_{1-x}\text{Se}$ single crystal. <i>Physica C: Superconductivity and Its Applications</i> , 2014, 504, 12-15.	1.2	6
86	Fabrications and evaluations of critical current density of $(\text{Ba}, \text{Na})\text{Fe}_2\text{As}_2$ HIP round wires. <i>Physica C: Superconductivity and Its Applications</i> , 2020, 568, 1353580.	1.2	6
87	Trapping a magnetic field of 14.8 T using stacked coated conductors of 12 mm width. <i>Superconductor Science and Technology</i> , 2021, 34, 065004.	3.5	6
88	Superconductivity in Pseudo-Binary Silicide $\text{SrNi}_x\text{Si}_{2-x}$ with AlB_2 -Type Structure. <i>Journal of the Physical Society of Japan</i> , 2012, 81, 023702.	1.6	5
89	Superconducting properties of iron-platinum-arsenides $\text{Ca}_{10}(\text{PtnAs}_8)(\text{Fe}_{2-x}\text{Pt}_x\text{As}_2)_5$ ($n=3, 4$). <i>Physica C: Superconductivity and Its Applications</i> , 2013, 494, 65-68.	1.2	5
90	Effects of high-pressure annealing on critical current density in 1 2 2 type iron pnictide wires. <i>Physica C: Superconductivity and Its Applications</i> , 2014, 504, 69-72.	1.2	5

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91	Critical states and thermomagnetic instabilities in three-dimensional nanostructured superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2017, 533, 74-79.	1.2	5
92	Large and field-insensitive critical current densities in (Sr,Na)Fe ₂ As ₂ superconducting tapes. <i>Journal of Physics: Conference Series</i> , 2017, 871, 012062.	0.4	5
93	Effects of Swift-Particle Irradiations on Critical Current Density in CaKFe ₄ As ₄ . <i>Journal of Physics: Conference Series</i> , 2019, 1293, 012013.	0.4	5
94	Fabrication of (Ba,Na)Fe ₂ As ₂ round wires using HIP process. <i>Journal of Physics: Conference Series</i> , 2019, 1293, 012043.	0.4	5
95	Fabrication and Characterization of (Ba,Na)Fe ₂ As ₂ Wires and Tapes. <i>IEEE Transactions on Applied Superconductivity</i> , 2021, 31, 1-5.	1.7	5
96	Effects of Asymmetric Splayed Columnar Defects on the Anomalous Peak Effect in Ba _{0.6} K _{0.4} Fe ₂ As ₂ . <i>Journal of the Physical Society of Japan</i> , 2020, 89, 094705.	1.6	5
97	Suppression of Superconductivity in Heavy-ion Irradiated 2H-NbSe ₂ Caused by Negative Pressure. <i>Journal of the Physical Society of Japan</i> , 2022, 91, .	1.6	5
98	Band Jahn-Teller effects and Peierls Instability in IrTe ₂ . <i>Journal of Physics: Conference Series</i> , 2013, 428, 012018.	0.4	4
99	Effects of high-pressure sintering on critical current density in Co-doped BaFe ₂ As ₂ wires. <i>Physica C: Superconductivity and Its Applications</i> , 2014, 504, 73-76.	1.2	4
100	Effects of Iodine Annealing on Fe _{1+x} Te _{0.6} Se _{0.4} . <i>Journal of the Physical Society of Japan</i> , 2016, 85, 104714.	1.6	4
101	Effect of S doping on the critical current density and vortex dynamics in FeSe single crystal. <i>Physica C: Superconductivity and Its Applications</i> , 2016, 530, 55-57.	1.2	4
102	Two-gap features revealed by specific heat measurements in FeSe. <i>Journal of Physics: Conference Series</i> , 2017, 871, 012016.	0.4	4
103	Carrier-Doping Dependence of Critical Current Density in Ba _{1-x} K _x Fe ₂ As ₂ Single Crystals and Superconducting Wires. <i>Journal of Physics: Conference Series</i> , 2017, 871, 012060.	0.4	4
104	Enhancement of critical current density in AgSn-sheathed (Sr,Na)Fe ₂ As ₂ superconducting tapes. <i>Journal of Physics: Conference Series</i> , 2018, 1054, 012045.	0.4	4
105	Anisotropy of critical current densities in Ba _{1-x} K _x Fe ₂ As ₂ and Ba(Fe _{1-x} Co _x) ₂ As ₂ . <i>Journal of Physics: Conference Series</i> , 2018, 1054, 012020.	0.4	4
106	Trapping Large Magnetic Field by Suppression of Thermomagnetic Instability in Coated Conductor Stacks. <i>Journal of Physics: Conference Series</i> , 2018, 1054, 012050.	0.4	4
107	Effects of 6 MeV proton irradiation on the vortex ensemble in BaFe ₂ As ₂ revealed through muSR. <i>Physical Review B</i> , 2020, 101, .	3.2	4
108	Orbital Degeneracy, Jahn-Teller Effect, and Superconductivity in Transition-Metal Chalcogenides. <i>Journal of Superconductivity and Novel Magnetism</i> , 2012, 25, 1343-1346.	1.8	3

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109	Magnetic flux penetration of commercial Bi2223 wires evaluated by magneto-optical imaging. Physica C: Superconductivity and Its Applications, 2014, 504, 65-68.	1.2	3
110	Comparison of Jc characteristics in PIT wires based on BaFe2As2 with different substitutions. Journal of Physics: Conference Series, 2014, 507, 022041.	0.4	3
111	Thermal imaging of Bi2212 THz oscillator. Physica C: Superconductivity and Its Applications, 2015, 518, 77-80.	1.2	3
112	Evaluation of global and local critical current densities in 122-type iron-based superconducting tapes. Physica C: Superconductivity and Its Applications, 2016, 530, 76-78.	1.2	3
113	Recent Progress of Iron-Based Superconducting Round Wires. Journal of Physics: Conference Series, 2019, 1293, 012042.	0.4	3
114	Effects of Point Defects Introduced by Co-doping and Proton Irradiation in $\text{CaKFe}_4\text{As}_4$. Journal of Physics: Conference Series, 2020, 1590, 012014.	0.4	3
115	Effect of pressure on the pseudogap and charge density wave phases of the cuprate Nd-LSCO probed by thermopower measurements. Physical Review Research, 2021, 3, .	3.6	3
116	Complex vortex-antivortex dynamics in the magnetic superconductor EuFe_2As_2 in $\text{Ca}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ single-domain system: weight transfer and evidence of a symmetry-broken in-plane charge response. Physical Review B, 2022, 105, .	3.2	3
117	in $\text{Ca}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ $\text{Na}_{1.9}\text{Fe}_2\text{As}_2$ $\text{CuO}_{0.1}\text{Fe}_2\text{As}_2$	3.2	2
118	Flux Avalanches in Multi-layer Superconducting Strip Arrays. Physics Procedia, 2014, 58, 126-129.	1.2	2
119	Field-driven transition in $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ with splayed columnar defects. Journal of Physics: Conference Series, 2017, 871, 012018.	0.4	2
120	Fabrication of a Compact High-field Magnet by Coated Conductor Stacks. Journal of Physics: Conference Series, 2019, 1293, 012038.	0.4	2
121	Fully gapped superconductivity without sign reversal in the topological superconductor PbTaSe_2 . Physical Review B, 2020, 102, .	3.2	2
122	Effects of 800 MeV Xe Irradiation on 2H-NbSe_2 Single Crystals. Journal of Physics: Conference Series, 2020, 1590, 012003.	0.4	2
123	Growth and Characterizations of Iron-based Superconductor $(\text{Ba}_{1-x}\text{Rb}_x\text{Fe}_2\text{As}_2)$ Single Crystals. Journal of Physics: Conference Series, 2021, 1975, 012013.	0.4	2
124	Critical Current Density and Vortex Dynamics in Pristine and Irradiated $\text{KCa}_2\text{Fe}_4\text{As}_4\text{F}_2$. Materials, 2021, 14, 5283.	2.9	2
125	Phonon softening in $\text{La}_{1.74}\text{Eu}_{0.1}\text{Sr}_{0.16}\text{CuO}_4$ studied by inelastic X-ray scattering. Physica C: Superconductivity and Its Applications, 2010, 470, S51-S52.	1.2	1
126	Temperature dependent nanoscale atomic correlations in $\text{Ir}_{1-x}\text{Pt}_x\text{Te}_2$ ($x = 0.0, 0.03$ and 0.04) system. Journal of Physics Condensed Matter, 2014, 26, 375702.	1.8	1

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127	Anisotropic flux penetration into amorphous Mo ₈₀ Ge ₂₀ square networks. Physica C: Superconductivity and Its Applications, 2014, 504, 39-41.	1.2	1
128	Layer number dependence of flux avalanches in superconducting shifted strip array. Physica C: Superconductivity and Its Applications, 2015, 518, 81-84.	1.2	1
129	Fabrication and Characterizations of KCa ₂ Fe ₄ As ₄ F ₂ Superconducting HIP Wires. Journal of Physics: Conference Series, 2020, 1590, 012026.	0.4	1
130	Fabrication of (Ba,Na)Fe ₂ As ₂ round wires and tapes using HIP process. Journal of Physics: Conference Series, 2020, 1590, 012027.	0.4	1
131	Peak Effects in 2H-NbSe ₂ Single Crystals Induced by Particle Irradiations. Journal of Physics: Conference Series, 2021, 1975, 012003.	0.4	1
132	Anisotropic Critical Current Densities in Ba _{0.6} K _{0.4} Fe ₂ As ₂ with Splayed Columnar Defects. Journal of Physics: Conference Series, 2021, 1975, 012012.	0.4	1
133	Effects of Splayed Columnar Defects on Critical Current Density in CaKFe ₄ As ₄ . Journal of Physics: Conference Series, 2020, 1590, 012015.	0.4	1
134	The influence of static-stripes on superfluid density in La _{1.84} Eu _y Su _{0.16} CuO ₄ . Physica C: Superconductivity and Its Applications, 2007, 463-465, 60-63.	1.2	0
135	Angle-Resolved Photoemission Study on Multi-Band Electronic Structure of IrTe ₂ . , 2014, , .		0
136	Fabrication Process and Pressure Dependence of Critical Current Density in Ba _{1-x} K _x Fe ₂ As ₂ Superconducting HIP Wires. Journal of Physics: Conference Series, 2018, 1054, 012044.	0.4	0
137	Development of Superconducting Coils using (Ba, Na)Fe ₂ As ₂ Round Wires with Large Critical Current. Journal of Physics: Conference Series, 2021, 1975, 012020.	0.4	0
138	Crossed-Field Demagnetization of a EuBa ₂ Cu ₃ O ₇ Coated Conductor with BaHfO ₃ Nanorods. Journal of Physics: Conference Series, 2021, 1975, 012014.	0.4	0
139	Photo-induced Superconductivity in Charge Ordered LESCO (La _{1.8} Er _{0.2} Sr _x CuO ₄ , x=0.125). , 2010, , .		0
140	Nonlinear Josephson Effect in High-T _c Cuprates. , 2010, , .		0
141	Domain Dependent Fermi Arcs Observed in a Striped Phase Dichalcogenide. Advanced Quantum Technologies, 0, , 2200029.	3.9	0