

Sunseng Pyon

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

134 papers	3,078 citations	28 h-index	52 g-index
141 ext. papers	3,756 ext. citations	4.5 avg, IF	5.04 L-index

#	Paper	IF	Citations
134	Light-induced superconductivity in a stripe-ordered cuprate. <i>Science</i> , 2011 , 331, 189-91	33.3	674
133	Fermi-surface reconstruction by stripe order in cuprate superconductors. <i>Nature Communications</i> , 2011 , 2, 432	17.4	138
132	Superconductivity Induced by Bond Breaking in the Triangular Lattice of IrTe ₂ . <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 053701	1.5	118
131	Enhancement of the Nernst effect by stripe order in a high-T(c) superconductor. <i>Nature</i> , 2009 , 458, 743-5	50.4	117
130	Zero-energy vortex bound state in the superconducting topological surface state of Fe(Se,Te). <i>Nature Materials</i> , 2019 , 18, 811-815	27	111
129	Bi-directional ultrafast electric-field gating of interlayer charge transport in a cuprate superconductor. <i>Nature Photonics</i> , 2011 , 5, 485-488	33.9	76
128	Decrease of upper critical field with underdoping in cuprate superconductors. <i>Nature Physics</i> , 2012 , 8, 751-756	16.2	66
127	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	4.9	64
126	Orbital degeneracy and Peierls instability in the triangular-lattice superconductor Ir _{1-x} PtxTe ₂ . <i>Physical Review B</i> , 2012 , 86,	3.3	61
125	Pseudogap temperature T* of cuprate superconductors from the Nernst effect. <i>Physical Review B</i> , 2018 , 97,	3.3	60
124	Thermodynamic signatures of quantum criticality in cuprate superconductors. <i>Nature</i> , 2019 , 567, 218-223	50.4	59
123	Optical excitation of Josephson plasma solitons in a cuprate superconductor. <i>Nature Materials</i> , 2013 , 12, 535-41	27	56
122	Electronic Structure Reconstruction by Orbital Symmetry Breaking in IrTe ₂ . <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 093704	1.5	52
121	Electron carriers with possible Dirac-cone-like dispersion in FeSe _{1-x} Sx (x=0 and 0.14) single crystals triggered by structural transition. <i>Physical Review B</i> , 2016 , 93,	3.3	47
120	Critical current density, vortex dynamics, and phase diagram of single-crystal FeSe. <i>Physical Review B</i> , 2015 , 92,	3.3	45
119	Critical current density and vortex dynamics in pristine and proton-irradiated Ba _{0.6} K _{0.4} Fe ₂ As ₂ . <i>Superconductor Science and Technology</i> , 2015 , 28, 085003	3.1	43
118	Electron scattering, charge order, and pseudogap physics in La _{1.6} Nd _{0.4} SrxCuO ₄ : An angle-resolved photoemission spectroscopy study. <i>Physical Review B</i> , 2015 , 92,	3.3	43

117	Multiband effects and possible Dirac fermions in Fe _{1+y} Te _{0.6} Se _{0.4} . <i>Physical Review B</i> , 2014 , 89,	3.3	43
116	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	3.1	41
115	Giant thermal Hall conductivity in the pseudogap phase of cuprate superconductors. <i>Nature</i> , 2019 , 571, 376-380	50.4	39
114	Switching of Conducting Planes by Partial Dimer Formation in IrTe ₂ . <i>Journal of the Physical Society of Japan</i> , 2014 , 83, 033701	1.5	38
113	Pair-breaking effects induced by 3-MeV proton irradiation in Ba _{1-x} K _x Fe ₂ As ₂ . <i>Physical Review B</i> , 2013 , 88,	3.3	38
112	Large, Homogeneous, and Isotropic Critical Current Density in Oxygen-Annealed Fe _{1+y} Te _{0.6} Se _{0.4} Single Crystal. <i>Applied Physics Express</i> , 2013 , 6, 043101	2.4	37
111	Enhancement of critical current densities in (Ba,K)Fe ₂ As ₂ wires and tapes using HIP technique. <i>Superconductor Science and Technology</i> , 2016 , 29, 115002	3.1	37
110	Domain Meissner state and spontaneous vortex-antivortex generation in the ferromagnetic superconductor EuFe(AsP). <i>Science Advances</i> , 2018 , 4, eaat1061	14.3	35
109	Effects of drawing and high-pressure sintering on the superconducting properties of (Ba,K)Fe ₂ As ₂ powder-in-tube wires. <i>Superconductor Science and Technology</i> , 2015 , 28, 125014	3.1	34
108	Three-Dimensional Fermi Surface of Overdoped La-Based Cuprates. <i>Physical Review Letters</i> , 2018 , 121, 077004	7.4	32
107	Enhancement of critical current densities by high-pressure sintering in (Sr,K)Fe ₂ As ₂ PIT wires. <i>Superconductor Science and Technology</i> , 2014 , 27, 095002	3.1	32
106	Large and significantly anisotropic critical current density induced by planar defects in CaKFe ₄ As ₄ single crystals. <i>Physical Review B</i> , 2019 , 99,	3.3	28
105	Magnetic relaxation and collective vortex creep in FeTe 0.6 Se 0.4 single crystal. <i>Europhysics Letters</i> , 2013 , 103, 57013	1.6	28
104	Suppression of Structural Phase Transition in IrTe ₂ by Isovalent Rh Doping. <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 085001	1.5	28
103	Chiral phonons in the pseudogap phase of cuprates. <i>Nature Physics</i> , 2020 , 16, 1108-1111	16.2	28
102	Exfoliation and van der Waals heterostructure assembly of intercalated ferromagnet Cr 1/3 TaS 2. <i>2D Materials</i> , 2017 , 4, 041007	5.9	27
101	Superconductivity in Noncentrosymmetric Iridium Silicide Li ₂ IrSi ₃ . <i>Journal of the Physical Society of Japan</i> , 2014 , 83, 093706	1.5	26
100	Direct observation of orbital hybridisation in a cuprate superconductor. <i>Nature Communications</i> , 2018 , 9, 972	17.4	22

99	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,	3.3	22
98	Evolution of Superconductivity in Fe _{1+y} Te _{1-x} Se _x Annealed in Te Vapor. <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 093705	1.5	22
97	Influence of interstitial Fe to the phase diagram of Fe _{1+y} Te _{1-x} Se _x single crystals. <i>Scientific Reports</i> , 2016 , 6, 32290	4.9	22
96	Enhancement of Critical Current Densities in (Ba,K)Fe ₂ 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	1.4	20
95	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	1.3	19
94	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	1.3	18
93	Fabrication and characterization of CaKFe ₄ As ₄ round wires sintered at high pressure. <i>Applied Physics Express</i> , 2018 , 11, 123101	2.4	18
92	Effects of heavy-ion irradiations in K-doped BaFe ₂ As ₂ . <i>Physica C: Superconductivity and Its Applications</i> , 2015 , 518, 47-50	1.3	17
91	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	17
90	Symmetry-unprotected nodes or gap minima in the s ⁺⁺ state of monocrystalline FeSe. <i>Physical Review B</i> , 2017 , 96,	3.3	16
89	Important Roles of Te 5p and Ir 5d Spin-Orbit Interactions on the Multi-band Electronic Structure of Triangular Lattice Superconductor Ir _{1-x} Pt _x Te ₂ . <i>Journal of the Physical Society of Japan</i> , 2014 , 83, 033704	1.5	16
88	Bulk Superconductivity in Fe _{1+y} Te _{1-x} Se _x Induced by Annealing in Se and S Vapor. <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 115002	1.5	16
87	Bond order and the role of ligand states in stripe-modulated IrTe ₂ . <i>Physical Review B</i> , 2014 , 90,	3.3	15
86	Visualization of the magnetic flux structure in phosphorus-doped EuFe ₂ As ₂ single crystals. <i>JETP Letters</i> , 2017 , 105, 98-102	1.2	15
85	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. <i>Europhysics Letters</i> , 2009 , 86, 47005	1.6	15
84	Effects of heavy-ion irradiation on FeSe. <i>Physical Review B</i> , 2017 , 95,	3.3	14
83	Present status of PIT round wires of 122-type iron-based superconductors. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 279, 012028	0.4	14
82	Te 5p orbitals bring three-dimensional electronic structure to two-dimensional Ir _{0.95} Pt _{0.05} Te ₂ . <i>Physical Review B</i> , 2014 , 89,	3.3	13

81	Microwave analysis of the interplay between magnetism and superconductivity in $\text{EuFe}_2(\text{As}_{1-x}\text{Px})_2$ single crystals. <i>Physical Review Research</i> , 2019 , 1,	3.9	13
80	Evolution of superconducting and transport properties in annealed $\text{FeTe}_{1-x}\text{Sex}$ (0.1 $\leq x$ \leq 0.4) multiband superconductors. <i>Superconductor Science and Technology</i> , 2015 , 28, 044002	3.1	12
79	Effects of High-Pressure Sintering on Critical Current Density in (Ba,K)Fe ₂ As ₂ PIT Wires. <i>IEEE Transactions on Applied Superconductivity</i> , 2015 , 25, 1-4	1.8	12
78	Flux avalanches in Nb superconducting shifted strip arrays. <i>Superconductor Science and Technology</i> , 2013 , 26, 095004	3.1	12
77	Band structure of overdoped cuprate superconductors: Density functional theory matching experiments. <i>Physical Review B</i> , 2019 , 99,	3.3	11
76	Promising critical current density characteristics of Ag-sheathed (Sr,Na)Fe ₂ As ₂ tape. <i>Applied Physics Express</i> , 2018 , 11, 063101	2.4	11
75	High-Temperature Charge-Stripe Correlations in $\text{La}_{1.675}\text{Eu}_{0.2}\text{Sr}_{0.125}\text{CuO}_4$. <i>Physical Review Letters</i> , 2020 , 124, 187002	7.4	9
74	Phase diagram and optical conductivity of $\text{La}_{1.8}\text{Eu}_{0.2}\text{SrCuO}_4$. <i>Physical Review B</i> , 2014 , 90,	3.3	9
73	Enhancement of critical current density in (Ba,Na)Fe ₂ As ₂ round wires using high-pressure sintering. <i>Superconductor Science and Technology</i> , 2020 , 33, 065001	3.1	8
72	Structural-transition-induced quasi-two-dimensional Fermi surface in FeSe. <i>Physical Review B</i> , 2016 , 94,	3.3	8
71	Effects of Pnictogen Atmosphere Annealing on $\text{Fe}_{1+y}\text{Te}_{0.6}\text{Se}_{0.4}$. <i>Journal of the Physical Society of Japan</i> , 2016 , 85, 024712	1.5	8
70	Flux pinning in Ba. <i>Physica C: Superconductivity and Its Applications</i> , 2016 , 530, 58-61	1.3	8
69	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,	3.3	8
68	Developments of (Ba,Na)Fe ₂ As ₂ and CaKFe ₄ As ₄ HIP round wires. <i>Superconductor Science and Technology</i> , 2020 , 33, 104001	3.1	8
67	Demonstration of Excellent J _c Performance in (AE,Na)Fe ₂ As ₂ (AE: Sr, Ba) PIT Wires. <i>IEEE Transactions on Applied Superconductivity</i> , 2019 , 29, 1-5	1.8	7
66	Quasiparticle scattering in 3 MeV proton irradiated $\text{BaFe}_2(\text{As}_{0.67}\text{P}_{0.33})_2$. <i>Physical Review B</i> , 2018 , 98,	3.3	7
65	The Effect of 320 MeV Au Irradiation in K-doped Ba-122. <i>Physics Procedia</i> , 2014 , 58, 122-125		7
64	Anisotropic physical properties and large critical current density in $\text{KCa}_2\text{Fe}_4\text{As}_4\text{F}_2$ single crystal. <i>Physical Review Materials</i> , 2020 , 4,	3.2	7

63	Critical Current Density and Vortex Dynamics in Fe(Te,Se) Annealed in Various Atmosphere. <i>IEEE Transactions on Applied Superconductivity</i> , 2016 , 26, 1-5	1.8	7
62	Field-driven transition in the Ba _{1-x} K _x Fe ₂ As ₂ superconductor with splayed columnar defects. <i>Physical Review B</i> , 2018 , 97,	3.3	6
61	Deviation from Canonical Collective Creep Behavior in Li _{0.8} Fe _{0.2} OHFeSe. <i>Journal of the Physical Society of Japan</i> , 2019 , 88, 034703	1.5	6
60	Chalcogen (O ₂ , S, Se, Te) atmosphere annealing induced bulk superconductivity in Fe ₁ +Te ₁ Be single crystal. <i>Physica C: Superconductivity and Its Applications</i> , 2014 , 504, 12-15	1.3	6
59	Charge-Stripe Order and Superconductivity in IrPtTe. <i>Scientific Reports</i> , 2017 , 7, 17157	4.9	6
58	Magneto-optical characterizations of FeTe _{0.5} Se _{0.5} thin films with critical current density over 1 MA cm ⁻² . <i>Superconductor Science and Technology</i> , 2015 , 28, 015010	3.1	6
57	Flux penetrations into two- and three-dimensional nanostructured superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2014 , 503, 62-69	1.3	6
56	Twofold role of columnar defects in iron based superconductors. <i>Superconductor Science and Technology</i> , 2020 , 33, 094012	3.1	6
55	Effects of proton irradiation on the magnetic superconductor EuFe ₂ (As _{1-x} P _x) ₂ . <i>Superconductor Science and Technology</i> , 2020 , 33, 094011	3.1	6
54	Enhancement of critical current density in a Ca _{0.85} La _{0.15} Fe(As _{0.92} Sb _{0.08}) ₂ superconductor with T _c = 47 K through 3 MeV proton irradiation. <i>Superconductor Science and Technology</i> , 2016 , 29, 055006	3.1	6
53	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	0.3	5
52	Effects of Swift-Particle Irradiations on Critical Current Density in CaKFe ₄ As ₄ . <i>Journal of Physics: Conference Series</i> , 2019 , 1293, 012013	0.3	5
51	Superconducting properties of iron-platinum-arsenides Ca ₁₀ (Pt _n As ₈)(Fe _{2-x} PtxAs ₂) ₅ (n=3, 4). <i>Physica C: Superconductivity and Its Applications</i> , 2013 , 494, 65-68	1.3	5
50	Superconductivity in Pseudo-Binary Silicide SrNixSi _{2-x} with AlB ₂ -Type Structure. <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 023702	1.5	5
49	Fabrications and evaluations of critical current density of (Ba,Na)Fe ₂ As ₂ HIP round wires. <i>Physica C: Superconductivity and Its Applications</i> , 2020 , 568, 1353580	1.3	5
48	Elucidating the origin of planar defects that enhance critical current density in CaKFe ₄ As ₄ single crystals. <i>Superconductor Science and Technology</i> , 2021 , 34, 034003	3.1	5
47	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	0.3	4
46	Critical states and thermomagnetic instabilities in three-dimensional nanostructured superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2017 , 533, 74-79	1.3	4

45	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	1.3	4
44	Trapping Large Magnetic Field by Suppression of Thermomagnetic Instability in Coated Conductor Stacks. <i>Journal of Physics: Conference Series</i> , 2018 , 1054, 012050	0.3	4
43	Thermal imaging of Bi ₂ 212 THz oscillator. <i>Physica C: Superconductivity and Its Applications</i> , 2015 , 518, 77-80	1.3	3
42	Fabrication of (Ba,Na)Fe ₂ As ₂ round wires using HIP process. <i>Journal of Physics: Conference Series</i> , 2019 , 1293, 012043	0.3	3
41	Magnetic flux penetration of commercial Bi ₂ 223 wires evaluated by magneto-optical imaging. <i>Physica C: Superconductivity and Its Applications</i> , 2014 , 504, 65-68	1.3	3
40	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	1.3	3
39	Comparison of J _c characteristics in PIT wires based on BaFe ₂ As ₂ with different substitutions. <i>Journal of Physics: Conference Series</i> , 2014 , 507, 022041	0.3	3
38	Two-gap features revealed by specific heat measurements in FeSe. <i>Journal of Physics: Conference Series</i> , 2017 , 871, 012016	0.3	3
37	Band Jahn-Teller effects and Peierls Instability in IrTe ₂ . <i>Journal of Physics: Conference Series</i> , 2013 , 428, 012018	0.3	3
36	Effects of Point Defects Introduced by Co-doping and Proton Irradiation in CaKFe ₄ As ₄ . <i>Journal of Physics: Conference Series</i> , 2020 , 1590, 012014	0.3	3
35	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	3.1	3
34	Charge order lock-in by electron-phonon coupling in LaEuSrCuO. <i>Science Advances</i> , 2021 , 7,	14.3	3
33	Effects of Iodine Annealing on Fe _{1+y} Te _{0.6} Se _{0.4} . <i>Journal of the Physical Society of Japan</i> , 2016 , 85, 1047145	14.5	3
32	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	1.3	3
31	Evaluation of global and local critical current densities in 122-type iron-based superconducting tapes. <i>Physica C: Superconductivity and Its Applications</i> , 2016 , 530, 76-78	1.3	3
30	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	0.3	3
29	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 with splayed columnar defects. <i>Journal of Physics: Conference Series</i> , 2018 , 1054, 012020	0.3	3
28	Fabrication of small superconducting coils using (Ba,A)Fe ₂ As ₂ (A: Na, K) round wires with large critical current densities. <i>Superconductor Science and Technology</i> , 2021 , 34, 105008	3.1	3

27	Effects of 6 MeV proton irradiation on the vortex ensemble in $\text{BaFe}_2(\text{As}_{0.67}\text{P}_{0.33})_2$ revealed through magnetization measurements and real-space vortex imaging. <i>Physical Review B</i> , 2020 , 101,	3.3	2
26	Fabrication of a Compact High-field Magnet by Coated Conductor Stacks. <i>Journal of Physics: Conference Series</i> , 2019 , 1293, 012038	0.3	2
25	Recent Progress of Iron-Based Superconducting Round Wires. <i>Journal of Physics: Conference Series</i> , 2019 , 1293, 012042	0.3	2
24	Flux Avalanches in Multi-layer Superconducting Strip Arrays. <i>Physics Procedia</i> , 2014 , 58, 126-129		2
23	Orbital Degeneracy, Jahn-Teller Effect, and Superconductivity in Transition-Metal Chalcogenides. <i>Journal of Superconductivity and Novel Magnetism</i> , 2012 , 25, 1343-1346	1.5	2
22	Angle-dependent spectral weight transfer and evidence of a symmetry-broken in-plane charge response in $\text{Ca}_{1.9}\text{Na}_{0.1}\text{CuO}_2\text{Cl}_2$. <i>Physical Review B</i> , 2012 , 86,	3.3	2
21	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	3.1	2
20	Effects of Asymmetric Splayed Columnar Defects on the Anomalous Peak Effect in $\text{Ba}_{0.6}\text{K}_{0.4}\text{Fe}_2\text{As}_2$. <i>Journal of the Physical Society of Japan</i> , 2020 , 89, 094705	1.5	2
19	Fully gapped superconductivity without sign reversal in the topological superconductor PbTaSe_2 . <i>Physical Review B</i> , 2020 , 102,	3.3	2
18	Layer number dependence of flux avalanches in superconducting shifted strip array. <i>Physica C: Superconductivity and Its Applications</i> , 2015 , 518, 81-84	1.3	1
17	Field-driven transition in $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ with splayed columnar defects. <i>Journal of Physics: Conference Series</i> , 2017 , 871, 012018	0.3	1
16	Anisotropic flux penetration into amorphous $\text{Mo}_{80}\text{Ge}_{20}$ square networks. <i>Physica C: Superconductivity and Its Applications</i> , 2014 , 504, 39-41	1.3	1
15	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. <i>Journal of Physics Condensed Matter</i> , 2014 , 26, 375702	1.8	1
14	Phonon softening in $\text{La}_{1.74}\text{Eu}_{0.1}\text{Sr}_{0.16}\text{CuO}_4$ studied by inelastic X-ray scattering. <i>Physica C: Superconductivity and Its Applications</i> , 2010 , 470, S51-S52	1.3	1
13	Effect of pressure on the pseudogap and charge density wave phases of the cuprate Nd-LSCO probed by thermopower measurements. <i>Physical Review Research</i> , 2021 , 3,	3.9	1
12	. <i>IEEE Transactions on Applied Superconductivity</i> , 2021 , 31, 1-5	1.8	1
11	Fabrication and Characterizations of $\text{KCa}_2\text{Fe}_4\text{As}_4\text{F}_2$ Superconducting HIP Wires. <i>Journal of Physics: Conference Series</i> , 2020 , 1590, 012026	0.3	0
10	Effects of 800 MeV Xe Irradiation on 2H-NbSe_2 Single Crystals. <i>Journal of Physics: Conference Series</i> , 2020 , 1590, 012003	0.3	0

9	Fabrication of (Ba,Na)Fe ₂ As ₂ round wires and tapes using HIP process. <i>Journal of Physics: Conference Series</i> , 2020 , 1590, 012027	0.3	0
8	Effects of Splayed Columnar Defects on Critical Current Density in CaKFe ₄ As ₄ . <i>Journal of Physics: Conference Series</i> , 2020 , 1590, 012015	0.3	0
7	The influence of static-stripes on superfluid density in La _{1.84} Eu _y Su _{0.16} CuO ₄ . <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 463-465, 60-63	1.3	
6	Peak Effects in 2H-NbSe ₂ Single Crystals Induced by Particle Irradiations. <i>Journal of Physics: Conference Series</i> , 2021 , 1975, 012003	0.3	
5	Development of Superconducting Coils using (Ba, Na)Fe ₂ As ₂ Round Wires with Large Critical Current. <i>Journal of Physics: Conference Series</i> , 2021 , 1975, 012020	0.3	
4	Fabrication Process and Pressure Dependence of Critical Current Density in Ba _{1-x} K _x Fe ₂ As ₂ Superconducting HIP Wires. <i>Journal of Physics: Conference Series</i> , 2018 , 1054, 012044	0.3	
3	Growth and Characterizations of Iron-based Superconductor (Ba _{1-x} Rb _x)Fe ₂ As ₂ Single Crystals. <i>Journal of Physics: Conference Series</i> , 2021 , 1975, 012013	0.3	
2	Crossed-Field Demagnetization of a EuBa ₂ Cu ₃ O ₇ Coated Conductor with BaHfO ₃ Nanorods. <i>Journal of Physics: Conference Series</i> , 2021 , 1975, 012014	0.3	
1	Anisotropic Critical Current Densities in Ba _{0.6} K _{0.4} Fe ₂ As ₂ with Splayed Columnar Defects. <i>Journal of Physics: Conference Series</i> , 2021 , 1975, 012012	0.3	