

# Huiqian Luo

## List of Publications by Year in Descending Order

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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.

103 papers	2,909 citations	27 h-index	51 g-index
108 ext. papers	3,286 ext. citations	4.3 avg, IF	4.61 L-index

#	Paper	IF	Citations
103	Preferred Spin Excitations in the Bilayer Iron-Based Superconductor $\text{CaK}(\text{Fe}_{0.96}\text{Ni}_{0.04})_4\text{As}_4$ with Spin-Vortex Crystal Order.. <i>Physical Review Letters</i> , <b>2022</b> , 128, 137003	7.4	0
102	Surface morphology and electronic structure in stoichiometric superconductor $\text{CaKFe}_4\text{As}_4$ probed by scanning tunneling microscopy/spectroscopy. <i>Science China: Physics, Mechanics and Astronomy</i> , <b>2021</b> , 64, 1	3.6	0
101	Friedel Oscillations of Vortex Bound States under Extreme Quantum Limit in $\text{KCa}_2\text{Fe}_4\text{As}_4\text{F}_2$ . <i>Physical Review Letters</i> , <b>2021</b> , 126, 257002	7.4	7
100	Common ( $\Gamma$ ) Band Folding and Surface Reconstruction in FeAs-Based Superconductors. <i>Chinese Physics Letters</i> , <b>2021</b> , 38, 057404	1.8	3
99	Single-particle tunneling spectroscopy and superconducting gaps in the layered iron-based superconductor $\text{KCa}_2\text{Fe}_4\text{As}_4\text{F}_2$ . <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	5
98	Spin excitations and spin wave gap in the ferromagnetic Weyl semimetal $\text{Co}_3\text{Sn}_2\text{S}_2$ . <i>Science China: Physics, Mechanics and Astronomy</i> , <b>2021</b> , 64, 1	3.6	10
97	Extreme Suppression of Antiferromagnetic Order and Critical Scaling in a Two-Dimensional Random Quantum Magnet. <i>Physical Review Letters</i> , <b>2021</b> , 126, 037201	7.4	4
96	Anisotropic magnetoelastic response in the magnetic Weyl semimetal $\text{Co}_3\text{Sn}_2\text{S}_2$ . <i>Science China: Physics, Mechanics and Astronomy</i> , <b>2021</b> , 64, 1	3.6	6
95	Spectroscopic evidence of bilayer splitting and strong interlayer pairing in the superconductor $\text{KCa}_2\text{Fe}_4\text{As}_4\text{F}_2$ . <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	10
94	Sharp peak of the critical current density in $\text{BaFe}_2\text{Ni}_x\text{As}_2$ at optimal composition. <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	4
93	$\text{ThMnPnN}$ ( $\text{Pn} = \text{P}, \text{As}$ ): Synthesis, Structure, and Chemical Pressure Effects. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 2937-2944	5.1	6
92	Spin-excitation anisotropy in the bilayer iron-based superconductor $\text{CaKFe}_4\text{As}_4$ . <i>Physical Review Research</i> , <b>2020</b> , 2,	3.9	2
91	Vortex dynamics and phase diagram in the electron-doped cuprate superconductor $\text{Pr}_{0.87}\text{LaCe}_{0.13}\text{CuO}_4$ . <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	2
90	Neutron Spin Resonance in a Quasi-Two-Dimensional Iron-Based Superconductor. <i>Physical Review Letters</i> , <b>2020</b> , 125, 117002	7.4	12
89	Doping Dependence of the Second Magnetization Peak, Critical Current Density, and Pinning Mechanism in $\text{BaFe}_2\text{Ni}_x\text{As}_2$ Pnictide Superconductors. <i>ACS Applied Electronic Materials</i> , <b>2019</b> , 1, 179-188	4	6
88	Unconventional Antiferromagnetic Quantum Critical Point in $\text{Ba}(\text{Fe}_{0.97}\text{Cr}_{0.03})_2(\text{As}_{1-x}\text{P}_x)_2$ . <i>Physical Review Letters</i> , <b>2019</b> , 122, 037001	7.4	3
87	In-plane electrical impedance as a probe for the electron nematicity of $\text{BaFe}_2\text{As}_2$ . <i>AIP Advances</i> , <b>2019</b> , 9, 035140	1.5	

86	Strong pinning in the hole-doped pnictide superconductor $\text{La}_{0.34}\text{Na}_{0.66}\text{Fe}_2\text{As}_2$ . <i>Journal of Applied Physics</i> , <b>2019</b> , 125, 123902	2.5	4
85	The c-axis complex permittivity and electrical impedance in $\text{BaFe}_2\text{As}_2$ : Experimental examination on transformation validity. <i>Chinese Physics B</i> , <b>2019</b> , 28, 057702	1.2	
84	Nonlinear uniaxial pressure dependence of $T_c$ in iron-based superconductors. <i>Physical Review Research</i> , <b>2019</b> , 1,	3.9	2
83	Protonation induced high- $T_c$ phases in iron-based superconductors evidenced by NMR and magnetization measurements. <i>Science Bulletin</i> , <b>2018</b> , 63, 11-16	10.6	34
82	Neutron Spin Resonance in the 112-Type Iron-Based Superconductor. <i>Physical Review Letters</i> , <b>2018</b> , 120, 137001	7.4	14
81	Odd and Even Modes of Neutron Spin Resonance in the Bilayer Iron-Based Superconductor $\text{CaKFe}_{\{4\}}\text{As}_{\{4\}}$ . <i>Physical Review Letters</i> , <b>2018</b> , 120, 267003	7.4	18
80	Doping effects of Cr on the physical properties of $\text{BaFe}_{1.9}\text{Ni}_{0.1}\text{CrAs}_2$ . <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	3
79	Spin Waves in Detwinned $\text{BaFe}_{\{2\}}\text{As}_{\{2\}}$ . <i>Physical Review Letters</i> , <b>2018</b> , 121, 067002	7.4	14
78	EMuS Muon Facility and Its Application in the Study of Magnetism. <i>Quantum Beam Science</i> , <b>2018</b> , 2, 23	1.6	15
77	Spin dynamics of edge-sharing spin chains in $\text{SrCa}_{13}\text{Cu}_{24}\text{O}_{41}$ . <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	5
76	Superconducting $\text{Ti}_{15}\text{Zr}_{15}\text{Nb}_{35}\text{Ta}_{35}$ High-Entropy Alloy With Intermediate Electron-Phonon Coupling. <i>Frontiers in Materials</i> , <b>2018</b> , 5,	4	21
75	Single-crystal growth of the iron-based superconductor $\text{La}_{0.34}\text{Na}_{0.66}\text{Fe}_2\text{As}_2$ . <i>Superconductor Science and Technology</i> , <b>2018</b> , 31, 125008	3.1	2
74	Neutron powder diffraction study on the iron-based nitride superconductor $\text{ThFeAsN}$ . <i>Europhysics Letters</i> , <b>2017</b> , 117, 57005	1.6	12
73	Multigap superconductivity in $\text{ThAsFeN}$ investigated using $\mu\text{SR}$ measurements. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	19
72	Nature of the antiferromagnetic and nematic transitions in $\text{Sr}_{1-x}\text{Ba}_x\text{Fe}_{1.97}\text{Ni}_{0.03}\text{As}_2$ . <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	3
71	Unified Phase Diagram for Iron-Based Superconductors. <i>Physical Review Letters</i> , <b>2017</b> , 119, 157001	7.4	29
70	Two-Dimensional Massless Dirac Fermions in Antiferromagnetic $\text{AFe}_{\{2\}}\text{As}_{\{2\}}$ ( $\text{A}=\text{Ba}, \text{Sr}$ ). <i>Physical Review Letters</i> , <b>2017</b> , 119, 096401	7.4	16
69	Magnetic fluctuations in $\text{BaFe}_{2-x}\text{Ni}_x\text{As}_2$ superconductors. <i>Solid State Communications</i> , <b>2017</b> , 267, 48-52	1.6	

68	Quasi-two-dimensional behavior of 112-type iron-based superconductors. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	8
67	Crystal growth and phase diagram of 112-type iron pnictide superconductor $\text{Ca}_{1-x}\text{La}_x\text{Fe}_{1-x}\text{Ni}_x\text{As}_2$ . <i>Superconductor Science and Technology</i> , <b>2017</b> , 30, 095002	3.1	13
66	Angular-dependent magnetic torque in iron-pnictide $\text{BaFe}_2\text{NiAs}_2$ . <i>International Journal of Modern Physics B</i> , <b>2017</b> , 31, 1750005	1.1	
65	Spin excitation anisotropy in the optimally isovalent-doped superconductor $\text{BaFe}_2(\text{As}_{0.7}\text{P}_{0.3})_2$ . <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	11
64	Spin excitations in optimally P-doped $\text{BaFe}_2(\text{As}_{0.7}\text{P}_{0.3})_2$ superconductor. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	14
63	Effect of Nematic Order on the Low-Energy Spin Fluctuations in Detwinned $\text{BaFe}_{1.935}\text{Ni}_{0.065}\text{As}_2$ . <i>Physical Review Letters</i> , <b>2016</b> , 117, 227003	7.4	19
62	Electronic specific heat in $\text{BaFe}_2\text{NiAs}_2$ . <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	4
61	Nematic magnetoelastic effect contrasted between $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$ and $\text{FeSe}$ . <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	10
60	Impact of uniaxial pressure on structural and magnetic phase transitions in electron-doped iron pnictides. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	24
59	Effect of residual stress on nematic domains in $\text{BaFe}_{2-x}\text{Ni}_x\text{As}_2$ studied by angular magnetoresistance. <i>Chinese Physics B</i> , <b>2016</b> , 25, 057402	1.2	
58	Spin waves and magnetic exchange interactions in the spin-ladder compound $\text{RbFe}_2\text{Se}_3$ . <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	21
57	Nematic Quantum Critical Fluctuations in $\text{BaFe}_{2-x}\text{Ni}_x\text{As}_2$ . <i>Physical Review Letters</i> , <b>2016</b> , 117, 157002	7.4	24
56	Nodeless superconductivity in the presence of spin-density wave in pnictide superconductors: The case of $\text{BaFe}_2\text{NiAs}_2$ . <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	21
55	Structural and Magnetic Phase Transitions near Optimal Superconductivity in $\text{BaFe}_2(\text{As}_{1-x}\text{P}_x)_2$ . <i>Physical Review Letters</i> , <b>2015</b> , 114, 157002	7.4	42
54	Observation of an anomalous peak in isofield $M(T)$ curves in $\text{BaFe}_2(\text{As}_{0.68}\text{P}_{0.32})_2$ suggesting a phase transition in the irreversible regime. <i>Superconductor Science and Technology</i> , <b>2015</b> , 28, 055017	3.1	10
53	Doping evolution of antiferromagnetism and transport properties in nonsuperconducting $\text{BaFe}_{2-x}\text{Ni}_x\text{Cr}_x\text{As}_2$ . <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	11
52	Determination of the incommensurate modulated structure of $\text{Bi}(\text{2})\text{Sr}(\text{1.6})\text{La}(\text{0.4})\text{CuO}(\text{6+})$ by aberration-corrected transmission electron microscopy. <i>Ultramicroscopy</i> , <b>2015</b> , 159 Pt 1, 67-72	3.1	5
51	Electronic nematic correlations in the stress-free tetragonal state of $\text{BaFe}_2\text{NiAs}_2$ . <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	27

50	Electron doping dependence of the anisotropic superconductivity in BaFe <sub>2</sub> Ni <sub>x</sub> As <sub>2</sub> . <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	20
49	Energy dependence of the spin excitation anisotropy in uniaxial-strained BaFe <sub>1.9</sub> Ni <sub>0.1</sub> As <sub>2</sub> . <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	16
48	Nematic Crossover in BaFe <sub>2</sub> (As <sub>2</sub> ) under Uniaxial Stress. <i>Physical Review Letters</i> , <b>2015</b> , 115, 197002	7.4	20
47	Superconducting fluctuations in isovalently substituted BaFe <sub>2</sub> (As <sub>1-x</sub> P <sub>x</sub> ) <sub>2</sub> : Possible observation of multiband effects. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	13
46	Large increase of the anisotropy factor in the overdoped region of Ba(Fe <sub>1-x</sub> Ni <sub>x</sub> ) <sub>2</sub> As <sub>2</sub> as probed by fluctuation spectroscopy. <i>Superconductor Science and Technology</i> , <b>2015</b> , 28, 075004	3.1	3
45	A study of one-dimensional incommensurate modulated structure determination in high-resolution transmission electron microscopy. <i>Acta Crystallographica Section A: Foundations and Advances</i> , <b>2014</b> , 70, 563-571	1.7	3
44	The effect of Cr impurity to superconductivity in electron-doped BaFe <sub>2</sub> Ni <sub>x</sub> As <sub>2</sub> . <i>Superconductor Science and Technology</i> , <b>2014</b> , 27, 115003	3.1	11
43	Superconductivity. Nematic spin correlations in the tetragonal state of uniaxial-strained BaFe <sub>2-x</sub> Ni <sub>x</sub> As <sub>2</sub> . <i>Science</i> , <b>2014</b> , 345, 657-60	33.3	144
42	Surface impedance of BaFe <sub>2</sub> Ni <sub>x</sub> As <sub>2</sub> crystals. <i>Solid State Communications</i> , <b>2014</b> , 185, 10-13	1.6	2
41	Measurements of the superconducting fluctuations in optimally doped BaFe <sub>2</sub> Ni <sub>x</sub> As <sub>2</sub> under high magnetic fields: probing the 3D-anisotropic Ginzburg-Landau approach. <i>Superconductor Science and Technology</i> , <b>2014</b> , 27, 075001	3.1	14
40	Surface impedance in the antiferromagnetic and superconducting states of underdoped BaFe <sub>1.93</sub> Ni <sub>0.07</sub> As <sub>2</sub> crystals. <i>Solid State Communications</i> , <b>2014</b> , 192, 47-50	1.6	1
39	Short-range cluster spin glass near optimal superconductivity in BaFe <sub>2</sub> Ni <sub>x</sub> As <sub>2</sub> . <i>Physical Review B</i> , <b>2014</b> , 90,	3.3	40
38	Localization of charge carriers in the normal state of underdoped Bi <sub>2-x</sub> Sr <sub>2</sub> CuO <sub>6+δ</sub> . <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	3
37	Avoided quantum criticality and magnetoelastic coupling in BaFe <sub>2-x</sub> Ni <sub>x</sub> As <sub>2</sub> . <i>Physical Review Letters</i> , <b>2013</b> , 110, 257001	7.4	57
36	Spin excitation anisotropy as a probe of orbital ordering in the paramagnetic tetragonal phase of superconducting BaFe <sub>1.904</sub> Ni <sub>0.096</sub> As <sub>2</sub> . <i>Physical Review Letters</i> , <b>2013</b> , 111, 107006	7.4	48
35	Doping dependence of spin excitations and its correlations with high-temperature superconductivity in iron pnictides. <i>Nature Communications</i> , <b>2013</b> , 4, 2874	17.4	82
34	Longitudinal Spin Excitations and Magnetic Anisotropy in Antiferromagnetically Ordered BaFe <sub>2</sub> As <sub>2</sub> . <i>Physical Review X</i> , <b>2013</b> , 3,	9.1	32
33	Electron doping evolution of the magnetic excitations in BaFe <sub>2</sub> Ni <sub>x</sub> As <sub>2</sub> . <i>Physical Review B</i> , <b>2013</b> , 88,	3.3	35

32	Vortex dynamics as a function of field orientation in BaFe <sub>1.9</sub> Ni <sub>0.1</sub> As <sub>2</sub> . <i>Superconductor Science and Technology</i> , <b>2013</b> , 26, 025006	3.1	7
31	Coexistence and competition of the short-range incommensurate antiferromagnetic order with the superconducting state of BaFe <sub>(2-x)</sub> Ni <sub>(x)</sub> As <sub>2</sub> . <i>Physical Review Letters</i> , <b>2012</b> , 108, 247002	7.4	76
30	Polarized neutron scattering studies of magnetic excitations in electron-overdoped superconducting BaFe <sub>1.85</sub> Ni <sub>0.15</sub> As <sub>2</sub> . <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	25
29	Electron doping evolution of the anisotropic spin excitations in BaFe <sub>2</sub> Ni <sub>x</sub> As <sub>2</sub> . <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	40
28	Vortex creep and critical current densities in superconducting (Ba,K)Fe <sub>2</sub> As <sub>2</sub> single crystals. <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	14
27	Nature of magnetic excitations in superconducting BaFe <sub>1.9</sub> Ni <sub>0.1</sub> As <sub>2</sub> . <i>Nature Physics</i> , <b>2012</b> , 8, 376-381	16.2	109
26	Temperature dependence of the paramagnetic spin excitations in BaFe <sub>2</sub> As <sub>2</sub> . <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	21
25	Temperature dependence of the resonance and low-energy spin excitations in superconducting FeTe <sub>0.6</sub> Se <sub>0.4</sub> . <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	8
24	Specific heat of optimally doped Ba(Fe <sub>1-x</sub> TM <sub>x</sub> ) <sub>2</sub> As <sub>2</sub> (TM = Co and Ni) single crystals at low temperatures: A multiband fitting. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	6
23	Magnetic phase diagram of the layered superconductor Bi <sub>2+x</sub> Sr <sub>2-x</sub> CuO <sub>6</sub> +(Bi <sub>2</sub> 201) with T <sub>c</sub> 7 K. <i>Superconductor Science and Technology</i> , <b>2012</b> , 25, 105004	3.1	4
22	Systematic growth of BaFe <sub>2</sub> Ni <sub>x</sub> As <sub>2</sub> large crystals. <i>Superconductor Science and Technology</i> , <b>2011</b> , 24, 065004	3.1	48
21	Magnetic field effect on static antiferromagnetic order and spin excitations in the underdoped iron arsenide superconductor BaFe <sub>1.92</sub> Ni <sub>0.08</sub> As <sub>2</sub> . <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	28
20	Fishtail and vortex dynamics in the Ni-doped iron pnictide BaFe <sub>1.82</sub> Ni <sub>0.18</sub> As <sub>2</sub> . <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	20
19	Neutron scattering studies of spin excitations in hole-doped Ba(0.67)K(0.33)Fe(2)As(2) superconductor. <i>Scientific Reports</i> , <b>2011</b> , 1, 115	4.9	65
18	Propeller-Like Low Temperature Fermi Surface of Ba <sub>1-x</sub> K <sub>x</sub> Fe <sub>2</sub> As <sub>2</sub> from Magnetotransport and Photoemission Measurements. <i>Journal of the Physical Society of Japan</i> , <b>2011</b> , 80, 023710	1.5	16
17	Electron-doping evolution of the low-energy spin excitations in the iron arsenide superconductor BaFe <sub>2</sub> Ni <sub>x</sub> As <sub>2</sub> . <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	69
16	Flux dynamics associated with the second magnetization peak in the iron pnictide Ba <sub>1-x</sub> K <sub>x</sub> Fe <sub>2</sub> As <sub>2</sub> . <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	58
15	Precision microwave electrodynamic measurements of K- and Co-doped BaFe <sub>2</sub> As <sub>2</sub> . <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	25

14	Low temperature specific heat in BaFe <sub>1.9</sub> Ni <sub>0.1</sub> As <sub>2</sub> single crystals. <i>Science China: Physics, Mechanics and Astronomy</i> , <b>2010</b> , 53, 1221-1224	3.6	4
13	Superconductivity and phase diagrams of the 4d- and 5d-metal-doped iron arsenides SrFe <sub>2</sub> □MxAs <sub>2</sub> (M=Rh,Ir,Pd). <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	102
12	Roles of multiband effects and electron-hole asymmetry in the superconductivity and normal-state properties of Ba(Fe <sub>1</sub> □Cox) <sub>2</sub> As <sub>2</sub> . <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	170
11	Quasiparticle heat transport in single-crystalline Ba <sub>1</sub> □KxFe <sub>2</sub> As <sub>2</sub> : Evidence for a k-dependent superconducting gap without nodes. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	100
10	Low temperature specific heat of the hole-doped Ba <sub>0.6</sub> K <sub>0.4</sub> Fe <sub>2</sub> As <sub>2</sub> single crystals. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	142
9	Specific-heat measurement of a residual superconducting state in the normal state of underdoped Bi <sub>2</sub> Sr <sub>2-x</sub> La <sub>x</sub> CuO <sub>6+δ</sub> cuprate superconductors. <i>Physical Review Letters</i> , <b>2009</b> , 103, 067002	7.4	47
8	Growth of NdFeAs(O <sub>1</sub> □Fx) single crystals at ambient pressure and their transport properties. <i>Journal of Crystal Growth</i> , <b>2009</b> , 311, 358-361	1.6	20
7	Superconducting fluctuations in the reversible magnetization of the iron-pnictide Ba <sub>1</sub> □KxFe <sub>2</sub> As <sub>2</sub> . <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	27
6	Growth and characterization of A <sub>1</sub> □KxFe <sub>2</sub> As <sub>2</sub> (A = Ba, Sr) single crystals with x = 0.4. <i>Superconductor Science and Technology</i> , <b>2008</b> , 21, 125014	3.1	95
5	Fishtail effect and the vortex phase diagram of single crystal Ba <sub>0.6</sub> K <sub>0.4</sub> Fe <sub>2</sub> As <sub>2</sub> . <i>Applied Physics Letters</i> , <b>2008</b> , 93, 142506	3.4	141
4	Growth and post-annealing studies of Bi <sub>2</sub> Sr <sub>2</sub> □LaxCuO <sub>6+δ</sub> (0 ≤ x ≤ 1.00) single crystals. <i>Superconductor Science and Technology</i> , <b>2008</b> , 21, 125024	3.1	13
3	Critical fields and anisotropy of NdFeAsO <sub>0.82</sub> F <sub>0.18</sub> single crystals. <i>Applied Physics Letters</i> , <b>2008</b> , 93, 032503	3.0	157
2	Superconductivity at 36 K in gadolinium-arsenide oxides GdO <sub>1</sub> □F x FeAs <b>2008</b> , 51, 719-722		138
1	Growth and characterization of Bi <sub>2+x</sub> Sr <sub>2-x</sub> CuO <sub>6+δ</sub> single crystals. <i>Journal of Crystal Growth</i> , <b>2007</b> , 305, 222-227	1.6	15