

# Hiroshi Eisaki

## List of Publications by Year in descending order

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703  
papers

40,327  
citations

1980

101  
h-index

3563

181  
g-index

710  
all docs

710  
docs citations

710  
times ranked

12493  
citing authors



#	ARTICLE	IF	CITATIONS
19	Scattering interference signature of a pair density wave state in the cuprate pseudogap phase. Nature Communications, 2021, 12, 6087.	5.8	4
20	Nematicity in a cuprate superconductor revealed by angle-resolved photoemission spectroscopy under uniaxial strain. Npj Quantum Materials, 2021, 6, .	1.8	10
21	Antiperovskite Superconductor LaPd <sub>3</sub> P with Noncentrosymmetric Cubic Structure. Inorganic Chemistry, 2021, 60, 18017-18023.	1.9	7
22	Superconducting gap and pseudogap in the surface states of the iron-based superconductor PrFeAsO $\hat{1}$ studied by angle-resolved photoemission spectroscopy. Physical Review Research, 2021, 3, .	1.3	1
23	The relevance of ARPES to high-T <sub>c</sub> superconductivity in cuprates. Npj Quantum Materials, 2020, 5, .	1.8	10
24	Electronic Structure of Novel Superconductor doped-ZrPSe. Journal of Physics: Conference Series, 2020, 1590, 012008.	0.3	2
25	Structural Phase Transitions and Superconductivity Induced in Antiperovskite Phosphide CaPd <sub>3</sub> P. Inorganic Chemistry, 2020, 59, 12397-12403.	1.9	10
26	Detection of Acoustic Plasmons in Hole-Doped Lanthanum and Bismuth Cuprate Superconductors Using Resonant Inelastic X-Ray Scattering. Physical Review Letters, 2020, 125, 257002.	2.9	41
27	Effect of non-magnetic rare earth substitution for A site in mixed anion APX superconductors. Journal of Physics: Conference Series, 2020, 1590, 012007.	0.3	1
28	Elastoresistance measurements on $\text{CaKFe}_4\text{As}_4$ and $\text{KCaK}_2\text{Fe}_4\text{As}_4$ mat. Physical Review B, 2020, 102, .	1.1	14
29	Superconducting-Gap Anisotropy of Iron Pnictides Investigated via Combinatorial Microwave Measurements. Scientific Reports, 2020, 10, 7064.	1.6	5
30	Atomic-scale electronic structure of the cuprate pair density wave state coexisting with superconductivity. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 14805-14811.	3.3	28
31	Novel electronic nematicity in heavily hole-doped iron pnictide superconductors. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 6424-6429.	3.3	29
32	Synthesis of $\text{CaKFe}_4\text{As}_4$ bulk samples with high critical current density using a spark plasma sintering technique. Superconductor Science and Technology, 2020, 33, 094005.	1.8	12
33	Multiorbital charge-density wave excitations and concomitant phonon anomalies in $\text{Bi}_2\text{Sr}_2\text{LaCuO}_{6+\delta}$ . Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 16219-16225.	3.3	29
34	High-critical-current-ratio superconducting joint between $\text{Ba}_{0.6}\text{K}_{0.4}\text{Fe}_2\text{As}_2$ tapes fabricated by angle-polishing method. Superconductor Science and Technology, 2020, 33, 084011.	1.8	6
35	Sn addition effects on $\text{CaKFe}_4\text{As}_4$ superconductors. Superconductor Science and Technology, 2020, 33, 104004.	1.8	3
36	In-plane and out-of-plane properties of a $\text{BaFe}_2\text{As}_2$ single crystal. Journal of Physics Condensed Matter, 2019, 31, 214003.	0.7	6

#	ARTICLE	IF	CITATIONS
37	Coexisting spin resonance and long-range magnetic order of Eu in $\text{EuRbFeAs}_4$ . Physical Review B, 2019, 100, .		
38	Unique defect structure and advantageous vortex pinning properties in superconducting $\text{CaKFe}_4\text{As}_4$ . Npj Quantum Materials, 2019, 4, .	1.8	43
39	Effects of Swift-Particle Irradiations on Critical Current Density in $\text{CaKFe}_4\text{As}_4$ . Journal of Physics: Conference Series, 2019, 1293, 012013.	0.3	5
40	Electronic Structure of Novel Non-centrosymmetric Superconductor $\text{Mg}_2\text{Rh}_3\text{P}$ . Journal of Physics: Conference Series, 2019, 1293, 012028.	0.3	6
41	Effect of non-magnetic rare earth substitution for Zr on mixed anion $\text{Zr}(\text{P}, \text{Se})_2$ superconductors II. Journal of Physics: Conference Series, 2019, 1293, 012003.	0.3	1
42	Superconductivity in a Scandium Borocarbide with a Layered Crystal Structure. Inorganic Chemistry, 2019, 58, 15629-15636.	1.9	4
43	Growth of Single-Crystalline $\text{RFe}_2\text{O}_4$ ( $\text{R} = \text{Y}, \text{Tm}, \text{Yb}$ ) by the Floating Zone Melting Method in a Mixture of $\text{N}_2$ , $\text{H}_2$ , and $\text{CO}_2$ Gases and Magnetic Properties of the Compounds. Crystal Growth and Design, 2019, 19, 5498-5504.	1.4	6
44	Light-induced nonequilibrium response of the superconducting cuprate $\text{La}_{1-x}\text{Pr}_x\text{CuO}_2$ . Physical Review B, 2019, 100, .		
45	Highly c-axis orientated superconducting core and large critical current density in $\text{Ba}_{0.6}\text{Na}_{0.4}\text{Fe}_2\text{As}_2$ powder-in-tube tape. Scientific Reports, 2019, 9, 13064.	1.6	11
46	Band structure of overdoped cuprate superconductors: Density functional theory matching experiments. Physical Review B, 2019, 99, .	1.1	15
47	Machine learning in electronic-quantum-matter imaging experiments. Nature, 2019, 570, 484-490.	13.7	133
48	Doping dependence of the pinning efficiency in K-doped $\text{Ba}_{122}$ single crystals prior to and after fast neutron irradiation. Superconductor Science and Technology, 2019, 32, 094004.	1.8	1
49	Magnetic field-induced pair density wave state in the cuprate vortex halo. Science, 2019, 364, 976-980.	6.0	101
50	Evidence for a vestigial nematic state in the cuprate pseudogap phase. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 13249-13254.	3.3	52
51	Mode-Selective Coupling of Coherent Phonons to the $\text{Bi}_{2212}$ Electronic Band Structure. Physical Review Letters, 2019, 122, 176403.	2.9	29
52	Optical perturbation of the hole pockets in the underdoped high- $T_c$ superconducting cuprates. Physical Review B, 2019, 99, .		
53	Large and significantly anisotropic critical current density induced by planar defects in $\text{CaKFe}_4\text{As}_4$ single crystals. Physical Review B, 2019, 99, .	1.1	42
54	Anomalous peak effect in iron-based superconductors $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ ( $x \approx 0.69$ and $0.76$ ) for magnetic-field directions close to the $ab$ plane and its possible relation to the spin paramagnetic effect. Physical Review B, 2019, 99, .	1.1	5

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55	Resonant Cavity Modes in $\text{Bi}_2\text{O}_8\text{X}$ Intrinsic Josephson Junction Stacks. <i>Physical Review Applied</i> , 2019, 11, .	5.6	16
56	Superconductivity in Uncollapsed Tetragonal $\text{LaFe}_2\text{As}_2$ . <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 1018-1023.	2.1	17
57	Signatures of Enhanced Superconducting Phase Coherence in Optimally Doped $\text{Bi}_2\text{O}_8\text{Y}$ . <i>Physical Review Letters</i> , 2019, 122, 067002.	2.9	20
58	Incoherent strange metal sharply bounded by a critical doping in $\text{Bi}_2\text{Te}_2$ . <i>Science</i> , 2019, 366, 1099-1102.	6.0	86
59	Unconventional Multi-gap Superconductivity and Antiferromagnetic Spin Fluctuations in New Iron-arsenide $\text{LaFe}_2\text{As}_2$ in Heavily Electron-doped Regime. <i>Journal of the Physical Society of Japan</i> , 2019, 88, 113702.	0.7	5
60	A unified form of low-energy nodal electronic interactions in hole-doped cuprate superconductors. <i>Nature Communications</i> , 2019, 10, 5737.	5.8	20
61	Superconductivity induced by Mg deficiency in noncentrosymmetric phosphide $\text{Mg}_2\text{Rh}_3$ . <i>Physical Review B</i> , 2019, 99, 020407.	0.9	11
62	Interplay of superconductivity and bosonic coupling in the peak-dip-hump structure of $\text{Bi}_2\text{O}_8\text{I}$ . <i>Physical Review B</i> , 2018, 97, .	1.1	11
63	Orbital-anisotropic electronic structure in the nonmagnetic state of $\text{BaFe}_2(\text{As}_{1-x}\text{P}_x)_2$ superconductors. <i>Scientific Reports</i> , 2018, 8, 2169.	1.6	9
64	Direct observation of in-plane anisotropy of the superconducting critical current density in $\text{BaFe}_2(\text{As}_{1-x}\text{P}_x)_2$ . <i>Physical Review B</i> , 2018, 97, .	1.1	6
65	Superconductivity in a New 1144-Type Family of $(\text{La},\text{Na})\text{AFe}_4\text{As}_4$ ( $A = \text{Rb}$ or $\text{Cs}$ ). <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 868-873.	2.1	19
66	Quasistatic internal magnetic field detected in the pseudogap phase of $\text{Bi}_2\text{O}_8$ . <i>Physical Review B</i> , 2018, 97, .	1.1	11
67	Superconductivity on Hole-Doping Side of $(\text{La}_{0.5}\text{Na}_{0.5}\text{Fe}_2\text{As}_2)$ . <i>Journal of the American Chemical Society</i> , 2018, 140, 369-374.	6.6	20
68	Antiphase Fermi-surface modulations accompanying displacement excitation in a parent compound of iron-based superconductors. <i>Physical Review B</i> , 2018, 97, .	1.1	13
69	Dynamics of correlation-frozen antinodal quasiparticles in superconducting cuprates. <i>Science Advances</i> , 2018, 4, eaar1998.	4.7	23
70	Polarization-dependent X-ray photoemission spectroscopy for High- $T_c$ cuprate superconductors. <i>Physica B: Condensed Matter</i> , 2018, 536, 843-846.	1.3	2
71	Single Crystal growth of mixed anion $\text{Zr}(\text{P}, \text{Se})_2$ superconductor and related materials. <i>Journal of Physics: Conference Series</i> , 2018, 1054, 012003.	0.3	5
72	Magnetic and nonmagnetic impurity effects on $\text{Cu}_3\text{Mo}_2\text{O}_9$ . <i>Journal of Physics: Conference Series</i> , 2018, 969, 012110.	0.3	0

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73	Effect of non-magnetic rare earth substitution for Zr on mixed anion Zr(P, Se) <sub>2</sub> superconductors. Journal of Physics: Conference Series, 2018, 1054, 012002.	0.3	7
74	Electronic Structure of Novel Binary Superconductor SrGe <sub>2</sub> : A First-Principles Study. Journal of Physics: Conference Series, 2018, 1054, 012004.	0.3	2
75	Probing the energy gap of high-temperature cuprate superconductors by resonant inelastic x-ray scattering. Npj Quantum Materials, 2018, 3, .	1.8	13
76	Revealing hidden spin-momentum locking in a high-temperature cuprate superconductor. Science, 2018, 362, 1271-1275.	6.0	82
77	Superconductivity in a 122-type Fe-based compound (La,Na,K)Fe <sub>2</sub> As <sub>2</sub> . Scientific Reports, 2018, 8, 16827.	1.6	3
78	Unusual thermoelectric properties of $\text{BaFe}_2\text{As}_2$ in high magnetic fields. Physical Review B, 2018, 98, .	1.1	16
79	Rapid change of superconductivity and electron-phonon coupling through critical doping in Bi-2212. Science, 2018, 362, 62-65.	6.0	98
80	Persistent low-energy phonon broadening near the charge-order $\text{q}$ vector in the bilayer cuprate $\text{Bi}_2\text{TeO}_8$ . Physical Review B, 2018, 98, .	1.1	22
81	Fe-Based Superconductors of $(\text{Ln}_{0.5}\text{Na}_{0.5+x})\text{Fe}_2\text{As}_2$ (Ln = Ce, Pr). Inorganic Chemistry, 2018, 57, 9223-9229.	1.9	4
82	Superconducting state in $(\text{Eu}_{1-x}\text{Ca}_x)\text{RbFe}_4\text{As}_4$ with 1144-type Structure. Journal of Physics: Conference Series, 2018, 969, 012027.	0.3	9
83	Three-Dimensional Fermi Surface of Overdoped La-Based Cuprates. Physical Review Letters, 2018, 121, 077004.	2.9	61
84	Compact High- $T_c$ Superconducting Terahertz emitter operating up to 86 K. Physical Review Applied, 2018, 10, .	1.5	18
85	Effects of post-growth heat treatment on electronic phase diagrams and critical current densities of $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$ and $\text{BaFe}_2(\text{As}_{1-x}\text{Px})_2$ single crystals. Physical Review B, 2018, 98, .	1.1	2
86	Doping-dependent critical current properties in K, Co, and P-doped $\text{BaF}_2\text{e}_2\text{A}_2\text{s}_2$ single crystals. Physical Review B, 2017, 95, .	1.1	54
87	Particle-Hole Asymmetry in the Cuprate Pseudogap Measured with Time-Resolved Spectroscopy. Physical Review Letters, 2017, 118, 097001.	2.9	15
88	Dispersive charge density wave excitations in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8+\delta$ . Nature Physics, 2017, 13, 952-956.	6.5	101
89	Electron Number-Based Phase Diagram of $\text{Pr}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ . Physical Review Letters, 2017, 118, 137001.	2.9	46
90	Fabrication of iron-based superconducting tapes using $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ with $x = 0.3$ and $0.4$ . Superconductor Science and Technology, 2017, 30, 054001.	1.8	6

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91	Unusual nodal behaviors of the superconducting gap in the iron-based superconductor $\text{Ba}(\text{Fe}_{1-x}\text{P}_x)_2\text{As}_2$ . <i>Physical Review B</i> , 2017, 95, 020407.	1.1	2
92	Synthesis and Superconductivity of a Strontium Digermanide $\text{SrGe}_2\text{As}_4$ with $\text{ThSi}_2$ Structure. <i>Inorganic Chemistry</i> , 2017, 56, 8590-8595.	1.9	8
93	Spin Resonance in the New-Structure-Type Iron-Based Superconductor $\text{CaKFe}_4\text{As}_4$ . <i>Journal of the Physical Society of Japan</i> , 2017, 86, 093703.	0.7	25
94	Revealing the Coulomb interaction strength in a cuprate superconductor. <i>Physical Review B</i> , 2017, 96, .	1.1	19
95	Ultrafast melting of spin density wave order in $\text{BaFe}_2\text{As}_2$ observed by time- and angle-resolved photoemission spectroscopy with extreme-ultraviolet higher harmonic generation. <i>Physical Review B</i> , 2017, 95, .	1.1	5
96	Signature of multigap nodeless superconductivity in $\text{CaKFe}_4\text{As}_4$ . <i>Physical Review B</i> , 2017, 95, .	1.1	2
97	Development of Fe-based superconducting wires for liquid-hydrogen level sensors. <i>Journal of Physics: Conference Series</i> , 2017, 871, 012061.	0.3	1
98	Antiferroic electronic structure in the nonmagnetic superconducting state of the iron-based superconductors. <i>Science Advances</i> , 2017, 3, e1700466.	4.7	17
99	Electrical resistivity of $\text{FeAs}$ , $\text{FeAs}_2$ and $\text{Fe}_2\text{As}$ at homogeneous high pressures. <i>Journal of Physics: Conference Series</i> , 2017, 950, 042024.	0.3	6
100	Hybridization Effect in $\text{BaFe}_2(\text{As}_{1-x}\text{P}_x)_2$ Observed by Hard X-ray Photoemission Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2017, 86, 053702.	0.7	2
101	Raman and fluorescence characteristics of resonant inelastic X-ray scattering from doped superconducting cuprates. <i>Scientific Reports</i> , 2016, 6, 19657.	1.6	32
102	Distinct doping dependence of critical temperature and critical current density in $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ superconductor. <i>Scientific Reports</i> , 2016, 6, 26671.	1.6	27
103	Research Update: Structural and transport properties of $(\text{Ca},\text{La})\text{FeAs}_2$ single crystal. <i>APL Materials</i> , 2016, 4, .	2.2	4
104	Energy dissipation from a correlated system driven out of equilibrium. <i>Nature Communications</i> , 2016, 7, 13761.	5.8	63
105	Commensurate $4 \times 4$ -period charge density modulations throughout the $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+x}$ pseudogap regime. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12661-12666.	3.3	73
106	Effects of introducing isotropic artificial defects on the superconducting properties of differently doped $\text{Ba-122}$ based single crystals. <i>Scientific Reports</i> , 2016, 6, 27783.	1.6	21
107	Detection of a Cooper-pair density wave in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+x}$ . <i>Nature</i> , 2016, 532, 343-347.	13.7	205
108	Distinctive orbital anisotropy observed in the nematic state of a $\text{FeSe}$ thin film. <i>Physical Review B</i> , 2016, 94, .	1.1	80

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109	Superconductivity in Fe-Based Compound $\text{EuFeAs}_4$ ( $A = \text{Rb}$ and $\text{Cs}$ ). Journal of the Physical Society of Japan, 2016, 85, 064710.	0.7	68
110	Enhanced superconductivity in surface-electron-doped iron pnictide $\text{Ba}(\text{Fe}_{1.94}\text{Co}_{0.06})_2\text{As}_2$ . Nature Materials, 2016, 15, 1233-1236.	13.3	17
111	Coexistence of a pseudogap and a superconducting gap for the $\text{La}_{1-x}\text{Ce}_x\text{FeAs}_2$ . Physical Review B, 2016, 93, .	1.1	17
112	Investigation of potential fluctuating intra-unit cell magnetic order in cuprates by $\text{Sr}_{1-x}\text{La}_x\text{Cu}_2\text{O}_7$ . Physical Review B, 2016, 94, .	1.1	11
113	Single-Crystal Growth of $\text{BaKFe}_2\text{As}_2$ by KAs Self-Flux Method. Journal of the Physical Society of Japan, 2016, 85, 034718.	0.7	20
114	Superconductivity in layered $\text{ZrP}_2\text{Se}$ with $\text{PbFCl}$ -type structure. Superconductor Science and Technology, 2016, 29, 055004.	1.8	15
115	Spontaneous decays of magneto-elastic excitations in non-collinear antiferromagnet $(\text{Y,Lu})\text{MnO}_3$ . Nature Communications, 2016, 7, 13146.	5.8	57
116	Stimulated emission of Cooper pairs in a high-temperature cuprate superconductor. Scientific Reports, 2016, 6, 29100.	1.6	8
117	Absence of superconductivity in the collapsed tetragonal phase of $\text{KFe}_2\text{As}_2$ . Physical Review B, 2016, 94, .	1.1	12
118	Superconductivity in $\text{LaBi}_3$ with $\text{AuCu}_3$ -type structure. Superconductor Science and Technology, 2016, 29, 03LT02.	1.8	22
119	New-Structure-Type Fe-Based Superconductors: $\text{CaAFe}_4\text{As}_4$ ( $A = \text{K, Rb, Cs}$ ). Chemical Society, 2016, 138, 3410-3415.	6.6	228
120	Atomic-scale electronic structure of the cuprate d-symmetry form factor density wave state. Nature Physics, 2016, 12, 150-156.	6.5	109
121	Electronic Raman scattering on out-of-plane disordered $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ : How the pseudogap affects the superconducting Raman response. Physical Review B, 2015, 91, .	1.1	3
122	Magnetic excitations and phonons simultaneously studied by resonant inelastic x-ray scattering in optimally doped $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ . Physical Review B, 2015, 92, .	1.1	28
123	In-plane electronic anisotropy in the antiferromagnetic orthorhombic phase of isovalent-substituted $\text{Ba}_{1-x}\text{Ce}_x\text{FeAs}_2$ . Physical Review B, 2015, 92, .	1.1	7
124	Photoinduced changes of the chemical potential in superconducting $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ . Physical Review B, 2015, 92, .	1.1	18
125	Influence of optically quenched superconductivity on quasiparticle relaxation rates in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ . Physical Review B, 2015, 92, .	1.1	18
126	Stability of the Zhang-Rice Singlet with Doping in Lanthanum Strontium Copper Oxide Across the Superconducting Dome and Above. Physical Review Letters, 2015, 115, 027002.	2.9	25



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127	Three-terminal stand-alone superconducting terahertz emitter. Applied Physics Letters, 2015, 107, .	1.5	21
128	Large enhancement of superconducting transition temperature of SrBi <sub>3</sub> induced by Na substitution for Sr. Scientific Reports, 2015, 5, 10089.	1.6	20
129	Muon-Spin Rotation in Multiferroic Cu <sub>3</sub> Mo <sub>2</sub> O <sub>9</sub> under Electric Fields. Physics Procedia, 2015, 75, 221-229.	1.2	1
130	Multiferroic Properties of Cu <sub>3</sub> (Mo,W)2O <sub>9</sub> . Physics Procedia, 2015, 75, 134-141.	1.2	1
131	Symmetry of charge order in cuprates. Nature Materials, 2015, 14, 796-800.	13.3	195
132	Pressure Effects on Superconducting Properties of the BiS <sub>2</sub> -Based Superconductor Bi <sub>2</sub> (O,F)S <sub>2</sub> . Journal of the Physical Society of Japan, 2015, 84, 084703.	0.7	4
133	Cu-NMR Study on the Quasi one Dimensional Antiferromagnet Cu <sub>3</sub> Mo <sub>2</sub> O <sub>9</sub> . Physics Procedia, 2015, 75, 641-646.	1.2	1
134	Magnetic State of the Geometrically Frustrated Quasi-One-Dimensional Spin System Cu <sub>3</sub> Mo <sub>2</sub> O <sub>9</sub> Studied by Thermal Conductivity. Journal of the Physical Society of Japan, 2015, 84, 124601.	0.7	2
135	Identifying the 'fingerprint' of antiferromagnetic spin fluctuations in iron pnictide superconductors. Nature Physics, 2015, 11, 177-182.	6.5	35
136	Resolving unoccupied electronic states with laser ARPES in bismuth-based cuprate superconductors. Physical Review B, 2015, 91, .	1.1	9
137	Inequivalence of Single-Particle and Population Lifetimes in a Cuprate Superconductor. Physical Review Letters, 2015, 114, 247001.	2.9	49
138	Dependences on RE of superconducting properties of transition metal co-doped (Ca,RE)FeAs <sub>2</sub> with RE= La-Gd. Physica C: Superconductivity and Its Applications, 2015, 518, 14-17.	0.6	7
139	Synthesis, structure, and phase diagram of (Sr <sub>1-x</sub> Na <sub>x</sub> )Fe <sub>2</sub> As <sub>2</sub> superconductors. Superconductor Science and Technology, 2015, 28, 062001.	1.8	17
140	Antiperovskite Manganese Nitride Standard Resistor. IEEE Transactions on Instrumentation and Measurement, 2015, 64, 1446-1450.	2.4	3
141	Co and Mn doping effect in polycrystalline (Ca,La) and (Ca,Pr)FeAs <sub>2</sub> superconductors. Superconductor Science and Technology, 2015, 28, 065001.	1.8	24
142	Snapshots of the retarded interaction of charge carriers with ultrafast fluctuations in cuprates. Nature Physics, 2015, 11, 421-426.	6.5	92
143	Large critical current densities in a silver-sheathed (Sr,Na)Fe <sub>2</sub> As <sub>2</sub> tape. Superconductor Science and Technology, 2015, 28, 105007.	1.8	10
144	Experimental signatures of phase interference and subfemtosecond time dynamics on the incident energy axis of resonant inelastic x-ray scattering. Physical Review B, 2015, 91, .	1.1	11

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145	Interaction of vortices in anisotropic superconductors with isotropic defects. Superconductor Science and Technology, 2015, 28, 102001.	1.8	17
146	Direct spectroscopic evidence for phase competition between the pseudogap and superconductivity in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> +f. Nature Materials, 2015, 14, 37-42.	13.3	92
147	Spectroscopic Imaging STM: Atomic-Scale Visualization of Electronic Structure and Symmetry in Underdoped Cuprates. Springer Series in Solid-state Sciences, 2015, , 73-109.	0.3	11
148	Orbital character and electron correlation effects on two- and three-dimensional Fermi surfaces in KFe <sub>2</sub> As <sub>2</sub> revealed by angle-resolved photoemission spectroscopy. Frontiers in Physics, 2014, 2, .	1.0	39
149	Direct phase-sensitive identification of a <i>d</i> -form factor density wave in underdoped cuprates. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E3026-32.	3.3	198
150	Strong Electronic Correlations in Iron Pnictides: Comparison of Optical Spectra for BaFe <sub>2</sub> As <sub>2</sub> -Related Compounds. Journal of the Physical Society of Japan, 2014, 83, 104703.	0.7	24
151	Pressure dependence of <i>T<sub>c</sub></i> in LnFeAsO <sub>1-y</sub> (Ln = La, Ce, Nd, Tb). Journal of Physics: Conference Series, 2014, 568, 022047.	0.3	0
152	Photoinduced changes in the cuprate electronic structure revealed by femtosecond time- and angle-resolved photoemission. Physical Review B, 2014, 89, .	1.1	49
153	Anisotropic magnetic form factor in a detwinned single crystal of BaFe <sub>2</sub> As <sub>2</sub> . Physical Review B, 2014, 90, .	1.1	1
154	Evidence of a universal relation between electron-mode coupling and <i>T<sub>c</sub></i> in Ba <sub>1-x</sub> K <sub>x</sub> Fe <sub>2</sub> As <sub>2</sub> superconductor from laser angle-resolved photoemission spectroscopy. Physical Review B, 2014, 90, .	1.1	5
155	Electronic structure of BaNi <sub>2</sub> by angle-resolved photoemission spectroscopy. Physical Review B, 2014, 89, .	1.1	1
156	Electronic Screening-Enhanced Hole Pairing in Two-Leg Spin Ladders Studied by High-Resolution Resonant Inelastic X-Ray Scattering at Cu Edges. Physical Review Letters, 2014, 113, 067001.	2.9	13
157	Two distinct superconducting states in KFe <sub>2</sub> As <sub>2</sub> under high pressure. Physical Review B, 2014, 89, .	1.1	24
158	Synthesis and physical properties of Ca <sub>1-x</sub> RE <sub>x</sub> FeAs <sub>2</sub> with RE = La, Gd. Applied Physics Express, 2014, 7, 073102.	1.1	39
159	Superconductivity at the highest transition temperature of 8.1 K in a simple cubic Au <sub>1-x</sub> Sb <sub>1-x</sub> Te <sub>y</sub> alloy system. Evidence for excluding the possibility of <i>d</i> -wave superconducting-gap symmetry in Ba-doped KFe <sub>2</sub> As <sub>2</sub> . Superconductor Science and Technology, 2014, 27, 025005.	1.8	4
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