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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.

484 papers	10,004 citations	50 h-index	81 g-index
501 ext. papers	10,629 ext. citations	2.8 avg, IF	5.61 L-index

#	Paper	IF	Citations
484	Effect of Structural Parameters on Superconductivity in Fluorine-Free LnFeAsO _{1-y} (Ln = La, Nd). <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 083704	1.5	542
483	Superconductivity at 54 K in F-Free NdFeAsO _{1-y} . <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 063707	1.5	277
482	Microwave penetration depth and quasiparticle conductivity of PrFeAsO _{1-y} single crystals: evidence for a full-gap superconductor. <i>Physical Review Letters</i> , 2009 , 102, 017002	7.4	217
481	Octet-line node structure of superconducting order parameter in KFe ₂ As ₂ . <i>Science</i> , 2012 , 337, 1314-7	33.3	196
480	New-Structure-Type Fe-Based Superconductors: CaAF ₄ As ₄ (A = K, Rb, Cs) and SrAF ₄ As ₄ (A = Rb, Cs). <i>Journal of the American Chemical Society</i> , 2016 , 138, 3410-5	16.4	169
479	Evidence for superconducting gap nodes in the zone-centered hole bands of KFe ₂ As ₂ from magnetic penetration-depth measurements. <i>Physical Review B</i> , 2010 , 82,	3.3	166
478	Unprecedented anisotropic metallic state in undoped iron arsenide BaFe ₂ As ₂ revealed by optical spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 12238-42	11.5	158
477	Structural Quantum Criticality and Superconductivity in Iron-Based Superconductor Ba(Fe _{1-x} Cox) ₂ As ₂ . <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 024604	1.5	155
476	Universal heat conduction in the iron arsenide superconductor KFe ₂ As ₂ : evidence of a d-wave state. <i>Physical Review Letters</i> , 2012 , 109, 087001	7.4	145
475	Anisotropic energy gaps of iron-based superconductivity from intraband quasiparticle interference in LiFeAs. <i>Science</i> , 2012 , 336, 563-7	33.3	139
474	Possible Multiple Gap Superconductivity with Line Nodes in Heavily Hole-Doped Superconductor KFe ₂ As ₂ Studied by ⁷⁵ As Nuclear Quadrupole Resonance and Specific Heat. <i>Journal of the Physical Society of Japan</i> , 2009 , 78, 083712	1.5	127
473	Unusual magnetic and superconducting characteristics in multilayered high-T _c cuprates: ⁶³ Cu NMR study. <i>Physical Review B</i> , 2001 , 64,	3.3	124
472	⁷⁵ As-NQR/NMR Studies on Oxygen-Deficient Iron-Based Oxypnictide Superconductors LaFeAsO _{1-y} (y = 0, 0.25, 0.4) and NdFeAsO _{0.6} . <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 093704	1.5	120
471	Evolution of the optical spectrum with doping in Ba(Fe _{1-x} Cox) ₂ As ₂ . <i>Physical Review B</i> , 2010 , 81,	3.3	116
470	Uniform mixing of high-T _c superconductivity and antiferromagnetism on a single CuO ₂ plane of a Hg-based five-layered cuprate. <i>Physical Review Letters</i> , 2006 , 96, 087001	7.4	114
469	Effect of carrier distribution on superconducting characteristics of the multilayered high-T _c cuprate (Cu _{0.6} Co _{0.4})Ba ₂ Ca ₃ Cu ₄ O _{12+y} : ⁶³ Cu NMR study. <i>Physical Review B</i> , 2000 , 61, 9707-9710	3.3	110
468	Single Crystal Growth and Characterization of the Iron-Based Superconductor KFe ₂ As ₂ Synthesized by KAs Flux Method. <i>Journal of the Physical Society of Japan</i> , 2010 , 79, 124713	1.5	104

467	75As NMR Study of Hole-Doped Superconductor Ba _{1-x} K _x Fe ₂ As ₂ (T _c ≈ 38 K). <i>Journal of the Physical Society of Japan</i> , 2009 , 78, 033704	1.5	98
466	Strong-Coupling Spin-Singlet Superconductivity with Multiple Full Gaps in Hole-Doped Ba _{0.6} K _{0.4} Fe ₂ As ₂ Probed by ⁵⁷ Fe-NMR. <i>Journal of the Physical Society of Japan</i> , 2009 , 78, 103702	1.5	96
465	Flux pinning in PrFeAsO _{0.9} and NdFeAsO _{0.9} F _{0.1} superconducting crystals. <i>Physical Review B</i> , 2010 , 81,	3.3	93
464	Superconductivity above 50 K in LnFeAsO _{1-y} (Ln = Nd, Sm, Gd, Tb, and Dy) Synthesized by High-Pressure Technique. <i>Journal of the Physical Society of Japan</i> , 2009 , 78, 034712	1.5	92
463	Fermi Surface and Mass Enhancement in KFe ₂ As ₂ from de Haas-van Alphen Effect Measurements. <i>Journal of the Physical Society of Japan</i> , 2010 , 79, 053702	1.5	90
462	Appearance of pressure-induced superconductivity in BaFe ₂ As ₂ under hydrostatic conditions and its extremely high sensitivity to uniaxial stress. <i>Physical Review B</i> , 2010 , 81,	3.3	88
461	Anisotropy of the in-plane resistivity of underdoped Ba(Fe _{1-x} Co _x) ₂ As ₂ superconductors induced by impurity scattering in the antiferromagnetic orthorhombic phase. <i>Physical Review Letters</i> , 2013 , 110, 207001	7.4	86
460	Temperature-induced magnetization reversal in BiFe _{0.5} Mn _{0.5} O ₃ synthesized at high pressure. <i>Physical Review B</i> , 2010 , 82,	3.3	86
459	Coexistence of superconductivity and antiferromagnetism in multilayered high-T _c superconductor HgBa ₂ Ca ₄ Cu ₅ O _y : Cu-NMR study. <i>Physical Review B</i> , 2004 , 69,	3.3	86
458	How to make superconducting-anisotropy least in high-T _c cuprate superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1997 , 282-287, 1973-1974	1.3	84
457	Inverse iron isotope effect on the transition temperature of the (Ba,K)Fe ₂ As ₂ superconductor. <i>Physical Review Letters</i> , 2009 , 103, 257003	7.4	80
456	High-T _c Superconductivity and Antiferromagnetism in Multilayered Copper Oxides A New Paradigm of Superconducting Mechanism <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 011008	1.5	77
455	Complete Fermi surface in BaFe ₂ As ₂ observed via Shubnikov-de Haas oscillation measurements on detwinned single crystals. <i>Physical Review Letters</i> , 2011 , 107, 176402	7.4	74
454	Electronic reconstruction through the structural and magnetic transitions in detwinned NaFeAs. <i>New Journal of Physics</i> , 2012 , 14, 073019	2.9	73
453	NMR study of carrier distribution and superconductivity in multilayered high-T _c cuprates. <i>Journal of Physics and Chemistry of Solids</i> , 2001 , 62, 171-175	3.9	73
452	Remarkable Suppression of T _c by Pressure in NdFeAsO _{1-y} (y = 0.4). <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 075003	1.5	72
451	Suppression of Magnetic Order by Pressure in BaFe ₂ As ₂ . <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 105004	1.5	71
450	Incommensurate spin fluctuations in hole-overdoped superconductor KFe ₂ As ₂ . <i>Physical Review Letters</i> , 2011 , 106, 067003	7.4	68

- 449 Pseudogap formation above the superconducting dome in iron pnictides. *Physical Review B*, **2014**, 89, 3-3 63
- 448 Dependence of carrier doping on the impurity potential in transition-metal-substituted FeAs-based superconductors. *Physical Review Letters*, **2013**, 110, 107007 7-4 63
- 447 Manifestations of multiple-carrier charge transport in the magnetostructurally ordered phase of BaFe₂As₂. *Physical Review B*, **2011**, 84, 3-3 63
- 446 Spin Correlation in High-T_c Cuprate HgBa₂Ca₂Cu₃O₈ with T_c=133 K: An Origin of T_c-Enhancement Evidenced by ⁶³Cu-NMR Study. *Journal of the Physical Society of Japan*, **1995**, 64, 4561-4565 1-5 63
- 445 Relationship between crystal structure and superconductivity in iron-based superconductors. *Solid State Communications*, **2012**, 152, 644-648 1-6 62
- 444 Three-Dimensional Electronic Structure of Superconducting Iron Pnictides Observed by Angle-Resolved Photoemission Spectroscopy. *Journal of the Physical Society of Japan*, **2009**, 78, 123706 1-5 61
- 443 Effect of Co doping on the in-plane anisotropy in the optical spectrum of underdoped Ba(Fe_{1-x}Co_x)₂As₂. *Physical Review Letters*, **2012**, 109, 217003 7-4 60
- 442 Zero Resistivity above 150 K in HgBa₂Ca₂Cu₃O₈ at High Pressure. *Journal of the Physical Society of Japan*, **2013**, 82, 023711 1-5 59
- 441 Superconductivity at 26 K in (Ca_{1-x}Nax)Fe₂As₂. *Applied Physics Express*, **2008**, 1, 081702 2-4 55
- 440 Superconductivity at 28.3 and 17.1 K in (Ca₄Al₂O₆)₂(Fe₂Pn₂) (Pn=As and P). *Applied Physics Letters*, **2010**, 97, 172506 3-4 54
- 439 Lower critical fields of superconducting PrFeAsO_{1-x} single crystals. *Physical Review B*, **2009**, 79, 3-3 53
- 438 Superconductivity in Fe-Based Compound EuAF₄As₄ (A = Rb and Cs). *Journal of the Physical Society of Japan*, **2016**, 85, 064710 1-5 53
- 437 Study on enhancement of T_c (>130 K) in TlBa₂Ca₂Cu₃O_y superconductors. *Superconductor Science and Technology*, **2001**, 14, 504-510 3-1 52
- 436 Tl valence change and T_c enhancement (>130 K) in (Cu,Tl)Ba₂Ca₂Cu₃O_y due to nitrogen annealing. *Physical Review B*, **2001**, 63, 3-3 52
- 435 Abrupt change in the energy gap of superconducting Ba_{1-x}K_xFe₂As₂ single crystals with hole doping. *Physical Review B*, **2012**, 86, 3-3 51
- 434 Degradation of Superconductivity and Spin Fluctuations by Electron Overdoping in LaFeAsO_{1-x}F_x. *Journal of the Physical Society of Japan*, **2010**, 79, 074715 1-5 50
- 433 Spin Fluctuations and Unconventional Superconductivity in the Fe-Based Oxypnictide Superconductor LaFeAsO_{0.7} Probed by ⁵⁷Fe-NMR. *Journal of the Physical Society of Japan*, **2009**, 78, 013701 1-5 50
- 432 T_c vs n Relationship for Multilayered High-T_c Superconductors. *Journal of the Physical Society of Japan*, **2007**, 76, 094711 1-5 50

431	High stable post-spinel NaMn ₂ O ₄ cathode of sodium ion battery. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 14822-14826	13	49
430	Lattice Dynamics of LaFeAsO _{1-x} F _x and PrFeAsO _{1-y} via Inelastic X-Ray Scattering and First-Principles Calculation. <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 103715	1.5	49
429	Growth of BaFe ₂ (As _{1-x} P _x) ₂ Single Crystals (0001) by Ba ₂ As ₃ /Ba ₂ P ₃ -Flux Method. <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 104710	1.5	48
428	From d-wave to s-wave pairing in the iron-pnictide superconductor (Ba,K)Fe ₂ As ₂ . <i>Superconductor Science and Technology</i> , 2012 , 25, 084013	3.1	48
427	Splitting of resonance excitations in nearly optimally doped Ba(Fe _{0.94} Co _{0.06}) ₂ As ₂ : an inelastic neutron scattering study with polarization analysis. <i>Physical Review Letters</i> , 2013 , 110, 137001	7.4	48
426	Gap in KFe ₂ As ₂ studied by small-angle neutron scattering observations of the magnetic vortex lattice. <i>Physical Review B</i> , 2011 , 84,	3.3	48
425	Fermi surface in KFe ₂ As ₂ determined via de Haas-van Alphen oscillation measurements. <i>Physical Review B</i> , 2013 , 87,	3.3	47
424	Cu _{1-x} Tl _x Ba ₂ Ca ₃ Cu ₄ O _{12-y} (Cu _{1-x} Tl _x -1234) superconductor with T _c =126 K. <i>Physica C: Superconductivity and Its Applications</i> , 1997 , 282-287, 957-958	1.3	47
423	Superconductivity at 43 K at ambient pressure in the iron-based layered compound La _{1-x} Y _x FeAsO _y . <i>Physical Review B</i> , 2008 , 78,	3.3	47
422	Genuine Phase Diagram of Homogeneously Doped CuO ₂ Plane in High-T _c Cuprate Superconductors. <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 124706	1.5	46
421	Preparation of polycrystals with various T _c and single crystal growth of Ba ₂ Ca ₃ Cu ₄ O ₈ (O _{1-y} F _y) ₂ under high pressure. <i>Physica C: Superconductivity and Its Applications</i> , 2003 , 392-396, 140-144	1.3	46
420	Fermi surfaces and quasi-particle band dispersions of the iron pnictides superconductor KFe ₂ As ₂ observed by angle-resolved photoemission spectroscopy. <i>Journal of Physics and Chemistry of Solids</i> , 2011 , 72, 465-468	3.9	45
419	Potential Antiferromagnetic Fluctuations in Hole-Doped Iron-Pnictide Superconductor Ba _{1-x} K _x Fe ₂ As ₂ Studied by ⁷⁵ As Nuclear Magnetic Resonance Measurement. <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 054704	1.5	44
418	Inelastic neutron scattering study of the resonance mode in the optimally doped pnictide superconductor LaFeAsO _{0.92} F _{0.08} . <i>Physical Review B</i> , 2010 , 82,	3.3	44
417	Carrier distribution and superconductivity in multilayer high-T _c cuprates proved by ⁶³ Cu NMR. <i>Journal of Low Temperature Physics</i> , 1999 , 117, 473-477	1.3	42
416	Interpretation of Abnormal AC Loss Peak Based on Vortex-Molecule Model for a Multicomponent Cuprate Superconductor. <i>Japanese Journal of Applied Physics</i> , 2007 , 46, 134-145	1.4	41
415	High-pressure synthesis and properties of Ba ₂ Cu _{n-1} Cu _n O _{2n} (O,F) ₂ (n=2-5) superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2001 , 366, 43-50	1.3	40
414	Doping-dependent critical current properties in K, Co, and P-doped BaFe ₂ As ₂ single crystals. <i>Physical Review B</i> , 2017 , 95,	3.3	39

413	Doping evolution of the quasiparticle excitations in heavily hole-doped Ba _{1-x} K _x Fe ₂ As ₂ : A possible superconducting gap with sign-reversal between hole pockets. <i>Physical Review B</i> , 2014 , 89,	3-3	39
412	Effect of doping on the magnetostructural ordered phase of iron arsenides: a comparative study of the resistivity anisotropy in doped BaFe ₂ As ₂ with doping into three different sites. <i>Journal of the American Chemical Society</i> , 2013 , 135, 3158-63	16.4	39
411	Normal-state charge dynamics in doped BaFe ₂ As ₂ : Roles of doping and necessary ingredients for superconductivity. <i>Scientific Reports</i> , 2014 , 4, 5873	4-9	38
410	Crucial role of oxygen stoichiometry in determining the structure and properties of BiMnO ₃ . <i>Journal of Materials Chemistry</i> , 2008 , 18, 2191		38
409	Anomalous Fermi-surface dependent pairing in a self-doped high-T _c superconductor. <i>Physical Review Letters</i> , 2006 , 97, 236401	7-4	38
408	High-pressure synthesis of TlBa ₂ Can _{1-x} Cu _n O _y (n=3 and 4) with T _c =133.5 K (n=3) and 127 K (n=4). <i>Physica C: Superconductivity and Its Applications</i> , 2001 , 357-360, 324-328	1-3	38
407	Evidence for excluding the possibility of d-wave superconducting-gap symmetry in Ba-doped KFe ₂ As ₂ . <i>Physical Review B</i> , 2014 , 89,	3-3	37
406	Orbital character and electron correlation effects on two- and three-dimensional Fermi surfaces in KFe ₂ As ₂ revealed by angle-resolved photoemission spectroscopy. <i>Frontiers in Physics</i> , 2014 , 2,	3-9	37
405	Absence of an appreciable iron isotope effect on the transition temperature of the optimally doped SmFeAsO(1-y) Superconductor. <i>Physical Review Letters</i> , 2010 , 105, 037004	7-4	37
404	Two-Dimensional Spin Density Wave State in LaFeAsO. <i>Journal of the Physical Society of Japan</i> , 2009 , 78, 043705	1-5	37
403	High-pressure synthesis and physical properties of new iron (nickel)-based superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2009 , 469, 355-369	1-3	36
402	Possible hydrogen doping and enhancement of T _c (=35 K) in a LaFeAsO-based superconductor. <i>Applied Physics Letters</i> , 2010 , 96, 072514	3-4	34
401	Emergence of superconductivity in "32522" structure of (Ca ₃ Al ₂ O _{5-y})(Fe ₂ Pn ₂) (Pn = As and P). <i>Journal of the American Chemical Society</i> , 2011 , 133, 9630-3	16.4	34
400	Doping Dependence of Normal-State Properties in Iron-Based Oxypnictide Superconductor LaFeAsO _{1-y} Probed by ⁵⁷ Fe-NMR and ⁷⁵ As-NMR/NQR. <i>Journal of the Physical Society of Japan</i> , 2009 , 78, 084717	1-5	34
399	Anomalous AC Susceptibility Response of (Cu,C)Ba ₂ Ca ₂ Cu ₃ O _y : Experimental Indication of Two-Component Vortex Matter in Multi-Layered Cuprate Superconductors. <i>Japanese Journal of Applied Physics</i> , 2007 , 46, L451-L453	1-4	34
398	Synthesis and physical properties of Ca _{1-x} RE _x FeAs ₂ with RE = La and Nd. <i>Applied Physics Express</i> , 2014 , 7, 073102	2-4	33
397	Mechanism of T _c enhancement in Cu _{1-x} Tl _x -1234 and -1223 system with T _c > 130 K. <i>Physica C: Superconductivity and Its Applications</i> , 2000 , 341-348, 487-488	1-3	33
396	Synthesis and physical properties of multilayered cuprates. <i>Physica C: Superconductivity and Its Applications</i> , 2006 , 445-448, 17-22	1-3	31

395	Identifying the 'fingerprint' of antiferromagnetic spin fluctuations in iron pnictide superconductors. <i>Nature Physics</i> , 2015 , 11, 177-182	16.2	30
394	Crystal chemistry of CuBa ₂ Can _{1-n} CuO _y (n = 4, 5, 6) superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1997 , 279, 181-196	1.3	30
393	Hall effect of superconducting copper oxide, Cu-1234. <i>Physica C: Superconductivity and Its Applications</i> , 1996 , 258, 384-388	1.3	30
392	Signature of multigap nodeless superconductivity in CaKFe ₄ As ₄ . <i>Physical Review B</i> , 2017 , 95,	3.3	29
391	C-axis critical current of a PrFeAsO _{0.7} single crystal. <i>Applied Physics Letters</i> , 2010 , 96, 202504	3.4	29
390	Three-dimensional nature of normal and superconducting states in BaNi ₂ P ₂ single crystals with the ThCr ₂ Si ₂ -type structure. <i>Physical Review B</i> , 2009 , 79,	3.3	29
389	High pressure synthesis and characterization of single crystals of CuBa ₂ Ca ₃ Cu ₄ O _y superconductor. <i>Physica C: Superconductivity and Its Applications</i> , 1998 , 298, 209-216	1.3	29
388	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
387	Unique defect structure and advantageous vortex pinning properties in superconducting CaKFe ₄ As ₄ . <i>Npj Quantum Materials</i> , 2019 , 4,	5	28
386	s'-like spin resonance in the iron-based nodal superconductor BaFe ₂ (As _{0.65} P _{0.35}) ₂ observed using inelastic neutron scattering. <i>Physical Review B</i> , 2011 , 84,	3.3	28
385	Dielectric properties, thermal decomposition and related aspects of BiAlO ₃ . <i>Solid State Communications</i> , 2008 , 146, 435-437	1.6	28
384	Carrier doping and superconducting properties in Cu-1234 and CuTl-1223 superconductors. <i>Physica B: Condensed Matter</i> , 2000 , 284-288, 1075-1076	2.8	28
383	Growth of single crystal PrFeAsO _{1-x} and its characterization. <i>Physica C: Superconductivity and Its Applications</i> , 2009 , 469, 901-904	1.3	27
382	Magneto-optical imaging of iron-oxypnictide SmFeAsO _{1-x} F _x and SmFeAsO _{1-x} . <i>Physica C: Superconductivity and Its Applications</i> , 2009 , 469, 915-920	1.3	27
381	Isotope Effect in Multi-Band and Multi-Channel Attractive Systems and Inverse Isotope Effect in Iron-Based Superconductors. <i>Journal of the Physical Society of Japan</i> , 2009 , 78, 094718	1.5	26
380	Bulk and Local Magnetic Properties of Iron-Based Oxypnictide Superconductor SmFeAsO _{1-x} F _x . <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 54-57	1.5	26
379	Relationship Between Crystal Structure and Superconductivity in LnFeAsO _{1-y} (Ln = Lanthanide). <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 44-46	1.5	25
378	Magnetism of Multi-Layer HgBa ₂ Ca ₄ Cu ₅ O _y Superconductor Studied by BR Measurements. <i>International Journal of Modern Physics B</i> , 2003 , 17, 3540-3543	1.1	25

377	Selective reduction for hole-doping in $\text{Cu}_{1-x}\text{Tl}_x\text{-1223}$ ($\text{Cu}_{1-x}\text{Tl}_x\text{Ba}_2\text{Ca}_2\text{Cu}_3\text{O}_{10-y}$) system with $T_c > 132$ K. <i>Physica B: Condensed Matter</i> , 2000 , 284-288, 1085-1086	2.8	25
376	Superconductivity in the Mg-doped $\text{CuBa}_2\text{Ca}_3\text{Cu}_4\text{O}_{12-y}$ system. <i>Physical Review B</i> , 1998 , 58, 9504-9509	3.3	25
375	Ordered aeschynite-type polar magnets RFeWO_6 (R=Dy, Eu, Tb, and Y): A new family of type-II multiferroics. <i>Physical Review B</i> , 2017 , 95,	3.3	24
374	Simplest nontoxic double-layered cuprate $\text{Ba}_2\text{CaCu}_2\text{O}_4(\text{O},\text{F})_2$ superconductor with a transition temperature of 108K. <i>Applied Physics Letters</i> , 2008 , 92, 222501	3.4	24
373	Uniform mixing of antiferromagnetism and high-temperature superconductivity in electron-doped layers of four-layered $\text{Ba}_2(\text{Ca}(3)\text{Cu}(4)\text{O}(8)\text{F}(2))$: a new phenomenon in an electron underdoped regime. <i>Physical Review Letters</i> , 2007 , 98, 257002	7.4	24
372	Thermodynamic Study of Nodal Structure and Multiband Superconductivity of KFe_2As_2 . <i>Journal of the Physical Society of Japan</i> , 2014 , 83, 013704	1.5	23
371	Two distinct superconducting states in KFe_2As_2 under high pressure. <i>Physical Review B</i> , 2014 , 89,	3.3	23
370	Novel superconducting characteristics and unusual normal-state properties in iron-based pnictide superconductors: ^{57}Fe NMR and ^{75}As NQR/NMR studies in REFeAsO_{1-y} (RE=La, Pr, Nd) and $\text{Ba}_{0.6}\text{K}_{0.4}\text{Fe}_2\text{As}_2$. <i>Physica C: Superconductivity and Its Applications</i> , 2009 , 469, 559-565	1.3	23
369	Effects of uniaxial pressure and annealing on the resistivity of $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$. <i>Journal of Physics and Chemistry of Solids</i> , 2011 , 72, 418-419	3.9	23
368	NMR/NQR and Specific Heat Studies of Iron Pnictide Superconductor KFe_2As_2 . <i>Journal of the Physical Society of Japan</i> , 2011 , 80, SA118	1.5	23
367	^{75}As NMR Study of the Ternary Iron Arsenide BaFe_2As_2 . <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 093706	1.5	23
366	Crystal growth of $\text{Ba}_2\text{Can-1Cu}_n\text{O}_{2n}(\text{O},\text{F})_2$ (n= 3 and 4) multi-layered superconductors under high pressure. <i>Superconductor Science and Technology</i> , 2004 , 17, 143-147	3.1	23
365	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	4.9	23
364	Anisotropy of the superconducting gap in the iron-based superconductor $\text{BaFe}_2(\text{As}(1-x)\text{P}(x))_2$. <i>Scientific Reports</i> , 2014 , 4, 7292	4.9	22
363	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	1.5	22
362	Hysteretic superconducting resistive transition in $\text{Ba}_{0.07}\text{K}_{0.93}\text{Fe}_2\text{As}_2$. <i>Physical Review B</i> , 2013 , 87,	3.3	22
361	Vortex melting line and anisotropy of high-pressure-synthesized $\text{TlBa}_2\text{Ca}_2\text{Cu}_3\text{O}_{10-y}$ high-temperature superconductor from third-harmonic susceptibility studies. <i>Applied Physics Letters</i> , 2003 , 83, 506-508	3.4	22
360	Specific heat study on $\text{Cu}_x\text{Ba}_2\text{Can-1Cu}_n\text{O}_y$. <i>Physica C: Superconductivity and Its Applications</i> , 2001 , 357-360, 222-225	1.3	22

- 359 Synthesis of $\text{HgBa}_2\text{Ca}_3\text{Cu}_4\text{O}_{10+\delta}$ (Hg-1234) and $\text{HgBa}_2\text{Ca}_4\text{Cu}_5\text{O}_{12+\delta}$ (Hg-1245) from oxygen controlled precursors under high pressure. *European Physical Journal D*, **1996**, 46, 1491-1492 22
- 358 Strong Electronic Correlations in Iron Pnictides: Comparison of Optical Spectra for BaFe_2As_2 -Related Compounds. *Journal of the Physical Society of Japan*, **2014**, 83, 104703 1.5 21
- 357 Universality of the dispersive spin-resonance mode in superconducting BaFe_2As_2 . *Physical Review Letters*, **2013**, 111, 167002 7.4 21
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