Akira Iyo

List of Publications by Year in Descending Order

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	Antiperovskite Superconductor LaPdP with Noncentrosymmetric Cubic Structure. *Inorganic Chemistry*, **2021**, 60, 18017-18023	5.1	1
483	Temperature Dependence of the Local Structure and Iron Magnetic Moment in the Self-Doped CaKFe4As4 Iron-Based Superconductor. *Journal of Physical Chemistry C*, **2021**, 125, 10810-10816	3.8	1
482	Intrinsic defect structures of polycrystalline CaKFeAs superconductors. *Physical Chemistry Chemical Physics*, **2021**, 23, 19827-19833	3.6	2
481	Calcium-free double-layered cuprate superconductors with critical temperature above 100 K. *Communications Materials*, **2021**, 2,	6	1
480	Electronic Structure of Novel Superconductor (Ca1-x Sr x)Pd3P. *Journal of Physics: Conference Series*, **2021**, 1975, 012004	0.3	0
479	NMR investigations toward understanding the variety of ground states in iron-based superconductors. *Journal of Physics: Conference Series*, **2021**, 1975, 012008	0.3	
478	Superconductivity-driven ferromagnetism and spin manipulation using vortices in the magnetic superconductor EuRbFeAs. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	1
477	Superconductivity of centrosymmetric and non-centrosymmetric phases in antiperovskite (Ca,Sr)Pd3P. *Journal of Alloys and Compounds*, **2021**, 882, 160733	5.7	2
476	Posttreatment Effects on the Crystal Structure and Superconductivity of Ca-Free Double-Layered Cuprate Sr2SrCu2O4+yF2y. *Chemistry of Materials*, **2021**, 33, 9690-9697	9.6	
475	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	
474	Elastoresistance measurements on CaKFe4As4 and KCa2Fe4As4F2 with the Fe site of C2v symmetry. *Physical Review B*, **2020**, 102,	3.3	7
473	Superconducting-Gap Anisotropy of Iron Pnictides Investigated via Combinatorial Microwave Measurements. *Scientific Reports*, **2020**, 10, 7064	4.9	4
472	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	11.5	18
471	Synthesis of CaKFe4As4 bulk samples with high critical current density using a spark plasma sintering technique. *Superconductor Science and Technology*, **2020**, 33, 094005	3.1	8
470	Superconducting properties of the ternary boride YRh4B4. *Superconductor Science and Technology*, **2020**, 33, 125006	3.1	0
469	Discovery of Mg2Rh3P and Superconductivity Induced by Mg-Deficiency. *Nihon Kessho Gakkaishi*, **2020**, 62, 219-220	0	
468	Sn addition effects on CaKFe4As4 superconductors. *Superconductor Science and Technology*, **2020**, 33, 104004	3.1	3

467	Experimental and Computational Determination of Optimal Boron Content in Layered Superconductor ScCBC. *Inorganic Chemistry*, **2020**, 59, 14290-14295	5.1	0
466	Structural Phase Transitions and Superconductivity Induced in Antiperovskite Phosphide CaPdP. *Inorganic Chemistry*, **2020**, 59, 12397-12403	5.1	5
465	Highly c-axis orientated superconducting core and large critical current density in BaNaFeAs powder-in-tube tape. *Scientific Reports*, **2019**, 9, 13064	4.9	8
464	High-Tc iron phosphide superconductivity enhanced by reemergent antiferromagnetic spin fluctuations in [Sr4Sc2O6]Fe2(As1−xPx)2 probed by NMR. *Physical Review B*, **2019**, 100,	3.3	3
463	Doping dependence of the pinning efficiency in K-doped Ba122 single crystals prior to and after fast neutron irradiation. *Superconductor Science and Technology*, **2019**, 32, 094004	3.1	1
462	Large and significantly anisotropic critical current density induced by planar defects in CaKFe4As4 single crystals. *Physical Review B*, **2019**, 99,	3.3	28
461	Anomalous peak effect in iron-based superconductors Ba1−xKxFe2As2 (x ≈ 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,	3.3	2
460	Coexisting spin resonance and long-range magnetic order of Eu in EuRbFe4As4. *Physical Review B*, **2019**, 100,	3.3	17
459	Unique defect structure and advantageous vortex pinning properties in superconducting CaKFe4As4. *Npj Quantum Materials*, **2019**, 4,	5	28
458	Effects of Swift-Particle Irradiations on Critical Current Density in CaKFe4As4. *Journal of Physics: Conference Series*, **2019**, 1293, 012013	0.3	5
457	Electronic Structure of Novel Non-centrosymmetric Superconductor Mg2Rh3P. *Journal of Physics: Conference Series*, **2019**, 1293, 012028	0.3	5
456	Effect of non-magnetic rare earth substitution for Zr on mixed anion Zr(P, Se)2 superconductors II. *Journal of Physics: Conference Series*, **2019**, 1293, 012003	0.3	0
455	Superconductivity in a Scandium Borocarbide with a Layered Crystal Structure. *Inorganic Chemistry*, **2019**, 58, 15629-15636	5.1	3
454	Superconductivity induced by Mg deficiency in noncentrosymmetric phosphide Mg2Rh3P. *Physical Review Materials*, **2019**, 3,	3.2	5
453	Superconductivity in Uncollapsed Tetragonal LaFeAs. *Journal of Physical Chemistry Letters*, **2019**, 10, 1018-1023	6.4	8
452	Unconventional Multi-gap Superconductivity and Antiferromagnetic Spin Fluctuations in New Iron-arsenide LaFe2As2 in Heavily Electron-doped Regime. *Journal of the Physical Society of Japan*, **2019**, 88, 113702	1.5	1
451	Orbital-anisotropic electronic structure in the nonmagnetic state of BaFe(AsP) superconductors. *Scientific Reports*, **2018**, 8, 2169	4.9	6
450	Direct observation of in-plane anisotropy of the superconducting critical current density in Ba(Fe1−xCox)2As2 crystals. *Physical Review B*, **2018**, 97,	3.3	3

449	Superconductivity in a New 1144-Type Family of (La,Na)AFeAs (A = Rb or Cs). *Journal of Physical Chemistry Letters*, **2018**, 9, 868-873	6.4	13
448	Superconductivity on Hole-Doping Side of (LaNa)FeAs. *Journal of the American Chemical Society*, **2018**, 140, 369-374	16.4	14
447	Fe-Based Superconductors of (LnNa)FeAs (Ln = Ce, Pr). *Inorganic Chemistry*, **2018**, 57, 9223-9229	5.1	3
446	Superconducting state in (Eu1-xCax)RbFe4As4with 1144-type Structure. *Journal of Physics: Conference Series*, **2018**, 969, 012027	0.3	7
445	Single Crystal growth of mixed anion Zr(P, Se)2 superconductor and related materials. *Journal of Physics: Conference Series*, **2018**, 1054, 012003	0.3	1
444	Effect of non-magnetic rare earth substitution for Zr on mixed anion Zr(P, Se)2 superconductors. *Journal of Physics: Conference Series*, **2018**, 1054, 012002	0.3	4
443	Electronic Structure of Novel Binary Superconductor SrGe2: A First-Principles Study. *Journal of Physics: Conference Series*, **2018**, 1054, 012004	0.3	1
442	Superconductivity in a 122-type Fe-based compound (La,Na,K)FeAs. *Scientific Reports*, **2018**, 8, 16827	4.9	0
441	Doping-dependent critical current properties in K, Co, and P-doped BaFe2As2 single crystals. *Physical Review B*, **2017**, 95,	3.3	39
440	Fabrication of iron-based superconducting tapes using Ba1□KxFe2As2withx= 0.3 and 0.4. *Superconductor Science and Technology*, **2017**, 30, 054001	3.1	6
439	Unusual nodal behaviors of the superconducting gap in the iron-based superconductor Ba(Fe0.65Ru0.35)2As2: Effects of spin-orbit coupling. *Physical Review B*, **2017**, 95,	3.3	1
438	Antiferroic electronic structure in the nonmagnetic superconducting state of the iron-based superconductors. *Science Advances*, **2017**, 3, e1700466	14.3	10
437	Electrical resistivity of FeAs, FeAs2 and Fe2As at homogeneous high pressures. *Journal of Physics: Conference Series*, **2017**, 950, 042024	0.3	5
436	Synthesis and Superconductivity of a Strontium Digermanide SrGe with ThSi Structure. *Inorganic Chemistry*, **2017**, 56, 8590-8595	5.1	5
435	Spin Resonance in the New-Structure-Type Iron-Based Superconductor CaKFe4As4. *Journal of the Physical Society of Japan*, **2017**, 86, 093703	1.5	22
434	Ordered aeschynite-type polar magnets RFeWO6 (R=Dy, Eu, Tb, and Y): A new family of type-II multiferroics. *Physical Review B*, **2017**, 95,	3.3	24
433	Signature of multigap nodeless superconductivity in CaKFe4As4. *Physical Review B*, **2017**, 95,	3.3	29
432	Hybridization Effect in BaFe2(As1□Px)2Observed by Hard X-ray Photoemission Spectroscopy. *Journal of the Physical Society of Japan*, **2017**, 86, 053702	1.5	1

431	Single-Crystal Growth of Ba1−xKxFe2As2 by KAs Self-Flux Method. *Journal of the Physical Society of Japan*, **2016**, 85, 034718	1.5	15
430	Superconductivity in layered ZrP2−xSexwith PbFCl-type structure. *Superconductor Science and Technology*, **2016**, 29, 055004	3.1	10
429	Search for New Superconductors Using Cubic-Anvil-Type High-Pressure Apparatus. *Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu*, **2016**, 26, 232-239	0	
428	Iron isotope effect in SmFeAsO0.65 and SmFeAsO0.77H0.12 superconductors: A Raman study. *AIP Advances*, **2016**, 6, 105310	1.5	3
427	Absence of superconductivity in the collapsed tetragonal phase of KFe2As2 under hydrostatic pressure. *Physical Review B*, **2016**, 94,	3.3	10
426	Superconductivity in LaBi3with AuCu3-type structure. *Superconductor Science and Technology*, **2016** , 29, 03LT02	3.1	11
425	New-Structure-Type Fe-Based Superconductors: CaAFe4As4 (A = K, Rb, Cs) and SrAFe4As4 (A = Rb, Cs). *Journal of the American Chemical Society*, **2016**, 138, 3410-5	16.4	169
424	Distinct doping dependence of critical temperature and critical current density in Ba1-xKxFe2As2 superconductor. *Scientific Reports*, **2016**, 6, 26671	4.9	23
423	Research Update: Structural and transport properties of (Ca,La)FeAs2 single crystal. *APL Materials*, **2016**, 4, 020702	5.7	4
422	Novel Interplay between High-TcSuperconductivity and Antiferromagnetism in Tl-Based Six-CuO2-Layered Cuprates:205Tl- and63Cu-NMR Probes. *Journal of the Physical Society of Japan*, **2016**, 85, 083701	1.5	4
421	Superconductivity in Fe-Based Compound EuAFe4As4 (A = Rb and Cs). *Journal of the Physical Society of Japan*, **2016**, 85, 064710	1.5	53
420	Dependences on RE of superconducting properties of transition metal co-doped (Ca,RE)FeAs2 with RE= La□d. *Physica C: Superconductivity and Its Applications*, **2015**, 518, 14-17	1.3	6
419	Synthesis, structure, and phase diagram of (Sr1−xNax)Fe2As2superconductors. *Superconductor Science and Technology*, **2015**, 28, 062001	3.1	16
418	Co and Mn doping effect in polycrystalline (Ca,La) and (Ca,Pr)FeAs2superconductors. *Superconductor Science and Technology*, **2015**, 28, 065001	3.1	20
417	Large critical current densities in a silver-sheathed (Sr,Na)Fe2As2tape. *Superconductor Science and Technology*, **2015**, 28, 105007	3.1	8
416	In-plane electronic anisotropy in the antiferromagnetic orthorhombic phase of isovalent-substituted Ba(Fe1−xRux)2As2. *Physical Review B*, **2015**, 92,	3.3	6
415	Large enhancement of superconducting transition temperature of SrBi3 induced by Na substitution for Sr. *Scientific Reports*, **2015**, 5, 10089	4.9	15
414	Pressure Effects on Superconducting Properties of the BiS2-Based Superconductor Bi2(O,F)S2. *Journal of the Physical Society of Japan*, **2015**, 84, 084703	1.5	4

413	Identifying the 'fingerprint' of antiferromagnetic spin fluctuations in iron pnictide superconductors. *Nature Physics*, **2015**, 11, 177-182	16.2	30
412	Anisotropy of the superconducting gap in the iron-based superconductor BaFe2(As(1-x)P(x))2. *Scientific Reports*, **2014**, 4, 7292	4.9	22
411	Evidence for excluding the possibility of d-wave superconducting-gap symmetry in Ba-doped KFe2As2. *Physical Review B*, **2014**, 89,	3.3	37
410	Pseudogap formation above the superconducting dome in iron pnictides. *Physical Review B*, **2014**, 89,	3.3	63
409	Superconductivity at 4.4 K in Ba2Bi3. *Superconductor Science and Technology*, **2014**, 27, 072001	3.1	4
408	Crystal structure and superconductivity of BaIrGe3 and Ba3Ir4Ge13 with two-dimensional Ba-Ge networks. *Journal of the American Chemical Society*, **2014**, 136, 5245-8	16.4	8
407	Study on the capacity fading of pristine and FePO 4 coated LiNi 1/3 Co 1/3 Mn 1/3 O 2 by Electrochemical and Magnetical techniques. *Electrochimica Acta*, **2014**, 148, 26-32	6.7	10
406	Thermodynamic Study of Nodal Structure and Multiband Superconductivity of KFe2As2. *Journal of the Physical Society of Japan*, **2014**, 83, 013704	1.5	23
405	Doping evolution of the quasiparticle excitations in heavily hole-doped Ba1−xKxFe2As2: A possible superconducting gap with sign-reversal between hole pockets. *Physical Review B*, **2014**, 89,	3.3	39
404	Experimental Observation of a Possible First-Order Phase Transition below the Superconducting Transition Temperature in the Multilayer Cuprate Superconductor HgBa2Ca4Cu5Oy. *Journal of the Physical Society of Japan*, **2014**, 83, 074705	1.5	14
403	New Intermetallic Ternary Phosphide Chalcogenide AP2−xXx (A = Zr, Hf; X = S, Se) Superconductors with PbFCl-Type Crystal Structure. *Journal of the Physical Society of Japan*, **2014**, 83, 074713	1.5	12
402	Vortex lattice structure in BaFe2(As0.67P0.33)2 via small-angle neutron scattering. *Physical Review B*, **2014**, 90,	3.3	9
401	High stable post-spinel NaMn2O4 cathode of sodium ion battery. *Journal of Materials Chemistry A*, **2014**, 2, 14822-14826	13	49
400	Penetration depth and flux-flow resistivity measurements of BaFe2(As0.55P0.45)2 single crystals. *Physica C: Superconductivity and Its Applications*, **2014**, 504, 24-27	1.3	9
399	Deposition of superconducting Ba2Can-1CunO2n(O,F)2thin films by pulsed laser ablation. *Journal of Physics: Conference Series*, **2014**, 568, 022023	0.3	
398	Iron isotope effect in the iron arsenide superconductor (Ca0.4Na0.6)Fe2As2. *Journal of Physics: Conference Series*, **2014**, 507, 012037	0.3	1
397	Normal-state charge dynamics in doped BaFe2As2: roles of doping and necessary ingredients for superconductivity. *Scientific Reports*, **2014**, 4, 5873	4.9	38
396	Orbital character and electron correlation effects on two- and three-dimensional Fermi surfaces in KFe2As2 revealed by angle-resolved photoemission spectroscopy. *Frontiers in Physics*, **2014**, 2,	3.9	37

395	Strong Electronic Correlations in Iron Pnictides: Comparison of Optical Spectra for BaFe2As2-Related Compounds. *Journal of the Physical Society of Japan*, **2014**, 83, 104703	1.5	21
394	Pressure dependence ofTcinLnFeAsO1-y(Ln= La, Ce, Nd, Tb). *Journal of Physics: Conference Series*, **2014**, 568, 022047	0.3	
393	Anisotropic magnetic form factor in a detwinned single crystal of BaFe2As2. *Physical Review B*, **2014**, 90,	3.3	1
392	Evidence of a universal relation between electron-mode coupling and Tc in Ba1□KxFe2As2 superconductor from laser angle-resolved photoemission spectroscopy. *Physical Review B*, **2014**, 90,	3.3	5
391	Electronic structure of BaNi2P2 observed by angle-resolved photoemission spectroscopy. *Physical Review B*, **2014**, 89,	3.3	11
390	Two distinct superconducting states in KFe2As2 under high pressure. *Physical Review B*, **2014**, 89,	3.3	23
389	Synthesis and physical properties of Ca1□RExFeAs2withRE= La□d. *Applied Physics Express*, **2014**, 7, 073102	2.4	33
388	Superconductivity at the highest transition temperature of 8.1 K in a simple cubic AuxSb1□□Teyalloy system synthesized under high pressure. *Superconductor Science and Technology*, **2014**, 27, 025005	3.1	2
387	Imbalance of Hole Density between Inner and Outer Planes and Superconducting Transition Temperature in Multilayered Cuprates **2014**,		5
386	Selective Raman Scattering Detection of the Dirac Node and the Anti-node of the Spin Density Wave Gap and Magnetic Excitations in BaFe2As2. *Journal of Superconductivity and Novel Magnetism*, **2013**, 26, 1179-1183	1.5	4
385	Fermi surface in KFe2As2 determined via de Haas□van Alphen oscillation measurements. *Physical Review B*, **2013**, 87,	3.3	47
384	Synthesis, Crystal Structure and Physical Properties of Ba4Ti12O27. *Key Engineering Materials*, **2013** , 566, 211-214	0.4	3
383	Crossover from bad to good metal in BaFe2(As1□Px)2 induced by isovalent P substitution. *Physical Review B*, **2013**, 88,	3.3	19
382	Probing the anisotropic vortex lattice in the Fe-based superconductor KFe2As2 using small-angle neutron scattering. *Physical Review B*, **2013**, 88,	3.3	6
381	Fermi-surface reconstruction involving two van Hove singularities across the antiferromagnetic transition in BaFe2As2. *Solid State Communications*, **2013**, 157, 16-20	1.6	5
380	Discovery of the Ca4Al2O6Fe2Pn2 □Al-42622(Pn)□and Ca3Al2O5Fe2Pn2 □Al-32522(Pn)□(Pn=As, P) superconductors. *Physica C: Superconductivity and Its Applications*, **2013**, 484, 12-15	1.3	6
379	Effect of doping on the magnetostructural ordered phase of iron arsenides: a comparative study of the resistivity anisotropy in doped BaFe2As2 with doping into three different sites. *Journal of the American Chemical Society*, **2013**, 135, 3158-63	16.4	39
378	Dependence of carrier doping on the impurity potential in transition-metal-substituted FeAs-based superconductors. *Physical Review Letters*, **2013**, 110, 107007	7.4	63

377	Effects of Zn substitution on the electronic structure of BaFe2As2 revealed by angle-resolved photoemission spectroscopy. *Physical Review B*, **2013**, 87,	3.3	8
376	Understanding the reentrant superconducting phase diagram of the iron pnictide Ca4Al2O6Fe2(As1−xPx)2: First-principles calculations. *Physical Review B*, **2013**, 87,	3.3	4
375	Anisotropy of the in-plane resistivity of underdoped Ba(Fe(1-x)Co(x))2As2 superconductors induced by impurity scattering in the antiferromagnetic orthorhombic phase. *Physical Review Letters*, **2013**, 110, 207001	7.4	86
374	Strange Inter-Layer Properties of Ba(Fe1-xCox)2As2 Appearing in Ultrasonic Measurements. *Journal of the Physical Society of Japan*, **2013**, 82, 114604	1.5	18
373	Emergent phases of nodeless and nodal superconductivity separated by antiferromagnetic order in iron-based superconductor (Ca4Al2O6)Fe2(As1−xPx)2: 75As- and 31P-NMR studies. *Physical Review B*, **2013**, 87,	3.3	16
372	Universality of the dispersive spin-resonance mode in superconducting BaFe2As2. *Physical Review Letters*, **2013**, 111, 167002	7.4	21
371	Hysteretic superconducting resistive transition in Ba0.07K0.93Fe2As2. *Physical Review B*, **2013**, 87,	3.3	22
370	Splitting of resonance excitations in nearly optimally doped Ba(Fe0.94Co0.06)2As2: an inelastic neutron scattering study with polarization analysis. *Physical Review Letters*, **2013**, 110, 137001	7.4	48
369	Enhanced high-field transport critical current densities observed forex situPIT processed Ag/(Ba, K)Fe2As2thin tapes. *Superconductor Science and Technology*, **2013**, 26, 065003	3.1	18
368	Zero Resistivity above 150 K in HgBa2Ca2Cu3O8+δt High Pressure. *Journal of the Physical Society of Japan*, **2013**, 82, 023711	1.5	59
367	Quantum oscillations in iron-based superconductors: BaFe2As2vs. KFe2As2. *Journal of Physics: Conference Series*, **2013**, 449, 012022	0.3	1
366	Large elastic anomalies and strong electron-lattice coupling in iron-based superconductor Ba(Fe1−xCox)2As2. *Solid State Communications*, **2012**, 152, 680-687	1.6	5
365	Relationship between crystal structure and superconductivity in iron-based superconductors. *Solid State Communications*, **2012**, 152, 644-648	1.6	62
364	Angle-resolved photoemission study on the superconducting iron-pnictides of BaFe2(As,P)2 with low energy photons. *Solid State Communications*, **2012**, 152, 695-700	1.6	7
363	Growth of BaFe2(As1-xPx)2Single Crystals (0≤1) by Ba2As3/Ba2P3-Flux Method. *Journal of the Physical Society of Japan*, **2012**, 81, 104710	1.5	48
362	Universal heat conduction in the iron arsenide superconductor KFe2As2: evidence of a d-wave state. *Physical Review Letters*, **2012**, 109, 087001	7.4	145
361	Potential Antiferromagnetic Fluctuations in Hole-Doped Iron-Pnictide Superconductor Ba1-xKxFe2As2 Studied by 75As Nuclear Magnetic Resonance Measurement. *Journal of the Physical Society of Japan*, **2012**, 81, 054704	1.5	44
360	Disappearance of superconductivity in the solid solution between (Ca4Al2O6)(Fe2As2) and (Ca4Al2O6)(Fe2P2) superconductors. *Journal of the American Chemical Society*, **2012**, 134, 15181-4	16.4	7

359	Superconducting properties of Ba2Ca7Cu8O16(O0.8+F1.2) studied via reversible magnetization. *Journal of the Korean Physical Society*, **2012**, 61, 1802-1806	0.6	
358	Reversible magnetization and superconducting properties of the four-layered superconductor with. *Solid State Communications*, **2012**, 152, 1870-1873	1.6	2
357	Inverse Iron Isotope Effect in FeSe0.35Te0.65. *Physics Procedia*, **2012**, 36, 731-734		3
356	From d-wave to s-wave pairing in the iron-pnictide superconductor (Ba,K)Fe2As2. *Superconductor Science and Technology*, **2012**, 25, 084013	3.1	48
355	Anisotropic energy gaps of iron-based superconductivity from intraband quasiparticle interference in LiFeAs. *Science*, **2012**, 336, 563-7	33.3	139
354	Superconducting fluctuations and anomalous phonon renormalization much above superconducting transition temperature in Ca4Al2O5.7Fe2As2. *Applied Physics Letters*, **2012**, 100, 222602	3.4	9
353	Structural Quantum Criticality and Superconductivity in Iron-Based Superconductor Ba(Fe1-xCox)2As2. *Journal of the Physical Society of Japan*, **2012**, 81, 024604	1.5	155
352	Electronic reconstruction through the structural and magnetic transitions in detwinned NaFeAs. *New Journal of Physics*, **2012**, 14, 073019	2.9	73
351	High-TcSuperconductivity and Antiferromagnetism in Multilayered Copper Oxides A New Paradigm of Superconducting Mechanism *Journal of the Physical Society of Japan*, **2012**, 81, 011008	1.5	77
350	Octet-line node structure of superconducting order parameter in KFe2As2. *Science*, **2012**, 337, 1314-7	33.3	196
349	Correlation between the interlayer Josephson coupling strength and an enhanced superconducting transition temperature of multilayer cuprate superconductors. *Physical Review B*, **2012**, 85,	3.3	16
348	High-temperature superconductivity and antiferromagnetism in multilayer cuprates: 63Cu and 19F NMR on five-layer Ba2Ca4Cu5O10(F,O)2. *Physical Review B*, **2012**, 85,	3.3	9
347	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
346	High-Tc nodeless s´-wave superconductivity in (Y,La)FeAsO(1-y) with Tc=50 K:75As-NMR study. *Physical Review Letters*, **2012**, 109, 157001	7.4	8
345	Abrupt change in the energy gap of superconducting Ba1KxFe2As2 single crystals with hole doping. *Physical Review B*, **2012**, 86,	3.3	51
344	Inverse-photoemission spectroscopy of iron-based superconductors NdFeAsO1nd Ba(Fe1Cox)2As2. *Journal of Physics: Conference Series*, **2012**, 391, 012137	0.3	
343	Elastic Anomalies Associated with superconducting phase transitions in Iron-based Superconductor Ba(Fe1Cox)2As2. *Journal of Physics: Conference Series*, **2012**, 400, 022037	0.3	
342	75As-NQR and57Fe-NMR Studies on Heavily Overdoped LaFeAsO-Based Superconductors. *Journal of the Physical Society of Japan*, **2012**, 81, SB044	1.5	1

341	Magnetic Penetration Depth in the FeAs-Based Superconductor KFe2As2. *Journal of the Physical Society of Japan*, **2012**, 81, SB046	1.5	2
340	Flux-line lattice state in FeAs-based superconductor KFe2As2. *Journal of Physics: Conference Series*, **2012**, 400, 022087	0.3	1
339	NMR study of hole-doped iron-pnictide superconductor Ba1−xKxFe2As2(x= 0.27). *Journal of Physics: Conference Series*, **2012**, 400, 022026	0.3	1
338	Cyclotron Resonance in Fe-based Superconductor KFe2As2. *Journal of Physics: Conference Series*, **2012**, 400, 022054	0.3	
337	Superconducting Electronics Group, Electronics and Photonics Research Institute, National Institute of Advanced Industrial Science and Technology (AIST). *Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu*, **2012**, 22, 58-59	0	
336	Gap in KFe2As2 studied by small-angle neutron scattering observations of the magnetic vortex lattice. *Physical Review B*, **2011**, 84,	3.3	48
335	Cyclotron resonance and mass enhancement by electron correlation in KFe2As2. *Physical Review Letters*, **2011**, 107, 166402	7.4	10
334	Pressure and K doping induced superconductivity in BaFe2As2. *Journal of Physics: Conference Series*, **2011**, 273, 012096	0.3	1
333	Structural Analysis on Iron-Based Superconductor Pr1111 System with Oxygen Deficiency and Flourine Substitution. *Journal of the Physical Society of Japan*, **2011**, 80, 034601	1.5	12
332	New intermetallic MIrP (M=Ti, Zr, Nb, Mo) and MgRuP compounds related with MoM'P (M'=Ni and Ru) superconductor. *Journal of Physics: Conference Series*, **2011**, 273, 012095	0.3	
331	Electronic Structure of PrFeAsO1−An Investigation Using X-ray Absorption and Emission Spectroscopy. *Journal of Physics: Conference Series*, **2011**, 273, 012092	0.3	1
330	High-TcSuperconductivity withTc= 52 K under Antiferromagnetic Order in Five-Layered Cuprate Ba2Ca4Cu5O10(F,O)2withTN= 175 K:19F- and Cu-NMR Studies. *Journal of the Physical Society of Japan*, **2011**, 80, 043706	1.5	21
329	Fast Spin Fluctuation Viewed by Muon Spin Relaxation in Optimally Doped and Overdoped Iron-Based Oxypnictide Superconductors LaFeAsO1-xFx. *Journal of the Physical Society of Japan*, **2011**, 80, 024703	1.5	2
328	Synthesis, structure and physical properties of reduced barium titanate Ba2Ti13O22. *Journal of Solid State Chemistry*, **2011**, 184, 3117-3120	3.3	3
327	Stabilization of ErFeAsO-based superconductor by hydrogen doping under high pressure. *Physica C: Superconductivity and Its Applications*, **2011**, 471, 597-599	1.3	
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