Yoshihiko Takano

List of Publications by Citations

421 papers	11,091 citations	49 h-index	94 g-index
432 ext. papers	11,816 ext. citations	2.5 avg, IF	5.94 L-index

#	Paper	IF	Citations
421	Superconductivity at 27K in tetragonal FeSe under high pressure. *Applied Physics Letters*, **2008**, 93, 152505	3.4	607
420	Pressure evolution of the low-temperature crystal structure and bonding of the superconductor FeSe (Tc=37 K). *Physical Review B*, **2009**, 80,	3.3	485
419	Anion height dependence ofTcfor the Fe-based superconductor. *Superconductor Science and Technology*, **2010**, 23, 054013	3.1	379
418	Superconductivity in Novel BiS2-Based Layered Superconductor LaO1-xFxBiS2. *Journal of the Physical Society of Japan*, **2012**, 81, 114725	1.5	344
417	BiS2-based layered superconductor Bi4O4S3. *Physical Review B*, **2012**, 86,	3.3	336
416	Review of Fe Chalcogenides as the Simplest Fe-Based Superconductor. *Journal of the Physical Society of Japan*, **2010**, 79, 102001	1.5	295
415	Superconducting properties of MgB2 bulk materials prepared by high-pressure sintering. *Applied Physics Letters*, **2001**, 78, 2914-2916	3.4	295
414	Substitution Effects on FeSe Superconductor. *Journal of the Physical Society of Japan*, **2009**, 78, 074712	1.5	280
413	Crystal structure of the new FeSe(1-x) superconductor. *Chemical Communications*, **2008**, 5607-9	5.8	256
412	Superconductivity in diamond thin films well above liquid helium temperature. *Applied Physics Letters*, **2004**, 85, 2851-2853	3.4	250
411	Superconductivity in S-substituted FeTe. *Applied Physics Letters*, **2009**, 94, 012503	3.4	245
410	New Member of BiS2-Based Superconductor NdO1-xFxBiS2. *Journal of the Physical Society of Japan*, **2013**, 82, 033708	1.5	222
409	Nanoscale phase separation in the iron chalcogenide superconductor K0.8Fe1.6Se2 as seen via scanning nanofocused x-ray diffraction. *Physical Review B*, **2011**, 84,	3.3	212
408	Evidence for a multiple superconducting gap in MgB(2) from high-resolution photoemission spectroscopy. *Physical Review Letters*, **2001**, 87, 177006	7.4	190
407	Anisotropy of superconductivity from MgB2 single crystals. *Applied Physics Letters*, **2001**, 79, 2779-2781	3.4	186
406	Macroscopic quantum tunneling in a d-wave high-TC Bi2Sr2CaCu2O8 + delta superconductor. *Physical Review Letters*, **2005**, 95, 107005	7.4	163
405	Transport properties of the new Fe-based superconductor KxFe2Se2 (Tc=33 K). *Applied Physics Letters*, **2011**, 98, 042511	3.4	129

404	Pressure Study of BiS2-Based Superconductors Bi4O4S3and La(O,F)BiS2. *Journal of the Physical Society of Japan*, **2012**, 81, 103702	1.5	128
403	Precise Pressure Dependence of the Superconducting Transition Temperature of FeSe: Resistivity and 77Se-NMR Study. *Journal of the Physical Society of Japan*, **2009**, 78, 063704	1.5	126
402	Definitive experimental evidence for two-band superconductivity in MgB2. *Physical Review Letters*, **2003**, 91, 127001	7.4	126
401	Intrinsic phase separation in superconducting K0.8Fe1.6Se2(Tc= 31.8 K) single crystals. *Superconductor Science and Technology*, **2011**, 24, 082002	3.1	117
400	Evolution of superconductivity in LaO 1 F x BiS 2 prepared by high-pressure technique. *Europhysics Letters*, **2013**, 101, 17004	1.6	115
399	Fabrication of the Iron-Based Superconducting Wire Using Fe(Se,Te). *Applied Physics Express*, **2009**, 2, 083004	2.4	103
398	Structural phase transitions and superconductivity in Fe(1+delta)Se0.57Te0.43 at ambient and elevated pressures. *Journal of the American Chemical Society*, **2009**, 131, 16944-52	16.4	96
397	Pressure-Induced Enhancement of Superconductivity and Structural Transition in BiS2-Layered LaO1FxBiS2. *Journal of the Physical Society of Japan*, **2014**, 83, 063704	1.5	93
396	Structural Analysis and Superconducting Properties of F-Substituted NdOBiS2 Single Crystals. *Journal of the Physical Society of Japan*, **2013**, 82, 113701	1.5	83
395	Evidence for Unconventional Superconductivity in Arsenic-Free Iron-Based Superconductor FeSe: A 77Se-NMR Study. *Journal of the Physical Society of Japan*, **2008**, 77, 113703	1.5	82
394	Evidence of local structural inhomogeneity in FeSe1Tex from extended x-ray absorption fine structure. *Physical Review B*, **2010**, 82,	3.3	80
393	Upper Critical Fields of the 11-System Iron-Chalcogenide Superconductor FeSe0.25Te0.75. *Journal of the Physical Society of Japan*, **2009**, 78, 113701	1.5	78
392	Local density of states and superconducting gap in the iron chalcogenide superconductor Fe1+Se1Tex observed by scanning tunneling spectroscopy. *Physical Review B*, **2009**, 80,	3.3	74
391	Growth and superconducting properties of F-substituted ROBiS2 (R=La, Ce, Nd) single crystals. *Solid State Communications*, **2014**, 178, 33-36	1.6	73
390	Physics and chemistry of layered chalcogenide superconductors. *Science and Technology of Advanced Materials*, **2012**, 13, 054303	7.1	71
389	Superconductivity in polycrystalline diamond thin films. *Diamond and Related Materials*, **2005**, 14, 1936-1938	3.5	68
388	Crystal structure, lattice vibrations, and superconductivity of LaO1FxBiS2. *Physical Review B*, **2013**, 87,	3.3	66
387	Role of the Ce valence in the coexistence of superconductivity and ferromagnetism of CeO1FxBiS2 revealed by Ce L3-edge x-ray absorption spectroscopy. *Physical Review B*, **2014**, 89,	3.3	63

386	Approach for the fabrication of MgB2 superconducting tape with large in-field transport critical current density. *Applied Physics Letters*, **2002**, 81, 1047-1049	3.4	63
385	FeTe as a candidate material for new iron-based superconductor. *Physica C: Superconductivity and Its Applications*, **2009**, 469, 1027-1029	1.3	61
384	Phase diagram and superconductivity at 58.1 K in FeAs-free SmFeAsO1FFx. *Superconductor Science and Technology*, **2013**, 26, 085023	3.1	59
383	Superconductor-to-insulator transition in boron-doped diamond films grown using chemical vapor deposition. *Physical Review B*, **2010**, 82,	3.3	58
382	Phase diagram and oxygen annealing effect of FeTe1FSex iron-based superconductor. *Solid State Communications*, **2012**, 152, 1135-1138	1.6	57
381	In-plane charge fluctuations in bismuth-sulfide superconductors. *Physical Review B*, **2015**, 91,	3.3	55
380	Evolution of superconductivity by oxygen annealing in FeTe 0.8 S 0.2. *Europhysics Letters*, **2010**, 90, 57002	2.6	55
379	s-wave pairing in the optimally doped LaO0.5F0.5BiS2 superconductor. *Physical Review B*, **2013**, 88,	3.3	52
378	Direct observation of nanoscale interface phase in the superconducting chalcogenide KxFe2ySe2 with intrinsic phase separation. *Physical Review B*, **2015**, 91,	3.3	51
377	Low-energy electrodynamics of superconducting diamond. *Physical Review Letters*, **2006**, 97, 097002	7.4	51
376	d-like symmetry of the order parameter and intrinsic Josephson effects in Bi2Sr2CaCu2O8+ cross-whisker junctions. *Physical Review B*, **2002**, 65,	3.3	50
375	Coexistence of Bulk Superconductivity and Magnetism in CeO1FxBiS2. *Journal of the Physical Society of Japan*, **2015**, 84, 024709	1.5	49
374	Successive Phase Transitions under High Pressure in FeTe0.92. *Journal of the Physical Society of Japan*, **2009**, 78, 083709	1.5	49
373	Superconducting properties of layered perovskite KCa2Nb3O10 and KLaNb2O7. *Solid State Communications*, **1997**, 103, 215-217	1.6	49
372	Transport properties and microstructure of mono- and seven-core wires of FeSe1 Texsuperconductor produced by the Fe-diffusion powder-in-tube method. *Superconductor Science and Technology*, **2011**, 24, 105002	3.1	48
371	EffectiveEx-situFabrication of F-Doped SmFeAsO Wire for High Transport Critical Current Density. *Applied Physics Express*, **2011**, 4, 063102	2.4	48
370	Two series of novel rare earth complexes with dicyanamide [Ln(dca)2(phen)2(H2O)3][dca].(phen), (Ln = Pr, Gd, and Sm) and [Ln(dca)3(2,2′-bipy)2(H2O)]n, (Ln = Gd, Sm, and La): syntheses, crystal structures, and magnetic properties. *Inorganic Chemistry*, **2004**, 43, 4839-45	5.1	47
369	Moisture-induced superconductivity in FeTe0.8S0.2. *Physical Review B*, **2010**, 81,	3.3	45

368	Signature of high above 25 K in high quality superconducting diamond. *Applied Physics Letters*, **2015**, 106, 052601	3.4	44
367	Unconventional Superconductivity in the BiS_{2}-Based Layered Superconductor NdO_{0.71}F_{0.29}BiS_{2}. *Physical Review Letters*, **2017**, 118, 167002	7.4	44
366	Machine-learning-guided discovery of the gigantic magnetocaloric effect in HoB2 near the hydrogen liquefaction temperature. *NPG Asia Materials*, **2020**, 12,	10.3	43
365	Flux pinning properties and microstructure of SmBa2Cu3Oy thin films with systematically controlled BaZrO3 nanorods. *Journal of Applied Physics*, **2010**, 108, 093905	2.5	43
364	Correlation between crystal structure and superconductivity in LaO0.5F0.5BiS2. *Solid State Communications*, **2014**, 181, 1-4	1.6	42
363	Alcoholic beverages induce superconductivity in FeTe1 □Sx. *Superconductor Science and Technology*, **2011**, 24, 055008	3.1	42
362	Determination of local atomic displacements in CeO(1-x)F(x)BiS2 system. *Journal of Physics Condensed Matter*, **2014**, 26, 435701	1.8	41
361	Superconductivity in Pr2Ba4Cu7O15□with metallic double chains. *Physica C: Superconductivity and Its Applications*, **2004**, 411, 101-106	1.3	41
360	Phonon softening in superconducting diamond. *Physical Review B*, **2007**, 75,	3.3	40
359	Observation of a superconducting gap in boron-doped diamond by laser-excited photoemission spectroscopy. *Physical Review Letters*, **2007**, 98, 047003	7.4	39
358	Lattice parameter and Tc dependence of sintered MgB2 superconductor on hydrostatic pressure. *Physical Review B*, **2001**, 64,	3.3	39
357	□Checkerboard Stripe□Electronic State on Cleaved Surface of NdO0.7F0.3BiS2 Probed by Scanning Tunneling Microscopy. *Journal of the Physical Society of Japan*, **2014**, 83, 113701	1.5	38
356	A study of the electronic structure of FeSe(1-x)Te(x) chalcogenides by Fe and Se K-edge x-ray absorption near edge structure measurements. *Journal of Physics Condensed Matter*, **2010**, 22, 485702	1.8	38
355	Fabrication of binary FeSe superconducting wires by diffusion process. *Journal of Applied Physics*, **2012**, 111, 112620	2.5	37
354	Superconductivity in CVD diamond films. *Journal of Physics Condensed Matter*, **2009**, 21, 253201	1.8	37
353	Transport properties of single- and three-core FeSe wires fabricated by a novel chemical-transformation PIT process. *Superconductor Science and Technology*, **2011**, 24, 125003	3.1	37
352	Superconductivity in oxygen-annealed FeTe1□Sx single crystal. *Journal of Applied Physics*, **2011**, 109, 013914	2.5	36
351	Microscopic evidence for evolution of superconductivity by effective carrier doping in boron-doped diamond: B11□NMR study. *Physical Review B*, **2007**, 75,	3.3	36

350	Out-of-plane and in-plane anisotropy of upper critical field in MgB2. *Physical Review B*, **2003**, 68,	3.3	35
349	Superconducting fullerene nanowhiskers. *Molecules*, **2012**, 17, 4851-9	4.8	34
348	Electronic Structure of Superconducting FeSe Studied by High-Resolution Photoemission Spectroscopy. *Journal of the Physical Society of Japan*, **2009**, 78, 034708	1.5	34
347	Spectromicroscopy of electronic phase separation in KxFe2-ySe2 superconductor. *Scientific Reports*, **2014**, 4, 5592	4.9	33
346	Synthesis and physical properties of Ca1□xRExFeAs2withRE= La□d. *Applied Physics Express*, **2014**, 7, 073102	2.4	33
345	Flux-pinning properties of single crystalline and dense polycrystalline MgB2. *Physical Review B*, **2003**, 68,	3.3	33
344	Pseudogap and transport properties in Fe3□VxAly (x=0.5□1.05; y=0.95,1.05). *Physical Review B*, **2002**, 65,	3.3	33
343	First single crystal growth and structural analysis of superconducting layered bismuth oxyselenide; La(O,F)BiSe2. *Journal of Solid State Chemistry*, **2014**, 219, 168-172	3.3	32
342	Proximity to Fermi-surface topological change in superconducting LaO0.54F0.46BiS2. *Physical Review B*, **2014**, 90,	3.3	31
341	Possible Superconducting Symmetry and Magnetic Correlations in K0.8Fe2Se2: A77Se-NMR Study. *Journal of the Physical Society of Japan*, **2011**, 80, 043708	1.5	31
340	Site selectivity on chalcogen atoms in superconducting La(O,F)BiSSe. *Applied Physics Letters*, **2015**, 106, 112601	3.4	30
339	M□sbauer studies on FeSe and FeTe. *Physica C: Superconductivity and Its Applications*, **2010**, 470, S338-S339	1.3	30
338	Low-energy charge-density excitations in MgB2: Striking interplay between single-particle and collective behavior for large momenta. *Physical Review Letters*, **2006**, 97, 176402	7.4	30
337	A novel bi-layered samarium complex with an unprecedented coordination mode of orotic acid [Sm2(HL)2(ox)(H2O)2]n □2.5nH2O (H3L = orotic acid, ox2□= oxalate2□ Synthesis, crystal structure and physical properties. *Inorganic Chemistry Communication*, **2006**, 9, 347-350	3.1	30
336	Fiske steps studied by flux-flow resistance oscillation in a narrow stack of Bi2Sr2CaCu2O8+□ junctions. *Physical Review B*, **2005**, 72,	3.3	30
335	Structure, Superconductivity, and Magnetism of Ce(O,F)BiS2 Single Crystals. *Crystal Growth and Design*, **2015**, 15, 39-44	3.5	29
334	Confined synthesis of CdSe quantum dots in the pores of metal□rganic frameworks. *Journal of Materials Chemistry C*, **2014**, 2, 7173-7175	7.1	29
333	Enhancement of Tc by Uniaxial Lattice Contraction in BiS2-Based Superconductor PrO0.5F0.5BiS2. *Journal of the Physical Society of Japan*, **2014**, 83, 065002	1.5	29

332	One-step synthesis of K x Fe 2 Se 2 single crystal for high critical current density. *Europhysics Letters*, **2012**, 98, 27002	1.6	29
331	Extended Structures and Magnetic Properties of Lanthanide–Copper Complexes with Picolinic Acids as Bridging Ligands. *European Journal of Inorganic Chemistry*, **2005**, 2005, 1947-1954	2.3	29
330	Angle-resolved magnetotransport studies in anisotropic MgB2 single crystals. *Physical Review B*, **2002**, 65,	3.3	29
329	Electrodeposition as a new route to synthesize superconducting FeSe. *Solid State Communications*, **2013**, 154, 40-42	1.6	27
328	Quantum oscillations of the two-dimensional hole gas at atomically flat diamond surfaces. *Physical Review B*, **2014**, 89,	3.3	27
327	Superconducting properties of the 18 K phase in yttrium sesquicarbide system. *Applied Physics Letters*, **2004**, 84, 2859-2861	3.4	27
326	GMR in Heusler Type Alloys Fe2+xV1-xAl. *Journal of the Physical Society of Japan*, **2000**, 69, 1004-1007	1.5	27
325	Note: Novel diamond anvil cell for electrical measurements using boron-doped metallic diamond electrodes. *Review of Scientific Instruments*, **2016**, 87, 076103	1.7	27
324	High-Tc Phase of PrO0.5F0.5BiS2 single crystal induced by uniaxial pressure. *Applied Physics Letters*, **2014**, 105, 052601	3.4	25
323	Low-Temperature Transport Properties of Holes Introduced by Ionic Liquid Gating in Hydrogen-Terminated Diamond Surfaces. *Journal of the Physical Society of Japan*, **2013**, 82, 074718	1.5	25
322	Coexistence of different electronic phases in the K0.8Fe1.6Se2 superconductor: A bulk-sensitive hard x-ray spectroscopy study. *Physical Review B*, **2012**, 85,	3.3	25
321	Resistivity reduction of boron-doped multiwalled carbon nanotubes synthesized from a methanol solution containing boric acid. *Applied Physics Letters*, **2008**, 92, 202116	3.4	25
320	Evidence for non-metallic behaviour in tetragonal FeS (mackinawite). *Materials Chemistry and Physics*, **2014**, 147, 50-56	4.4	24
319	Soft X-ray Photoemission Study of New BiS2-Layered Superconductor LaO1FxBiS2. *Journal of the Physical Society of Japan*, **2014**, 83, 033703	1.5	23
318	Preparation and superconductivity of potassium-doped fullerene nanowhiskers. *Materials Research Bulletin*, **2013**, 48, 343-345	5.1	23
317	Transport Properties of Iron-Based $hbox{FeTe}_{0.5}hbox{Se}_{0.5}$ Superconducting Wire. *IEEE Transactions on Applied Superconductivity*, **2011**, 21, 2858-2861	1.8	23
316	Temperature-dependent localized excitations of doped carriers in superconducting diamond. *Physical Review Letters*, **2008**, 100, 166402	7.4	23
315	Superconducting Anisotropies of F-Substituted LaOBiSe2 Single Crystals. *Journal of the Physical Society of Japan*, **2014**, 83, 114709	1.5	22

314	Coexistence of ferromagnetism and superconductivity in CeO0.3F0.7BiS2. *Physical Review B*, **2014**, 90,	3.3	22
313	Effect of high-pressure annealing on the normal-state transport of LaO0.5F0.5BiS2. *Physical Review B*, **2014**, 89,	3.3	22
312	Clarification as to why alcoholic beverages have the ability to induce superconductivity in Fe1+dTe1−xSx. *Superconductor Science and Technology*, **2012**, 25, 084025	3.1	21
311	Weak Superconducting Fluctuations and Small Anisotropy of the Upper Critical Fields in an Fe1.05Te0.85Se0.15 Single Crystal. *Journal of the Physical Society of Japan*, **2010**, 79, 074706	1.5	21
310	Holes in the Valence Band of Superconducting Boron-Doped Diamond Film Studied by Soft X-ray Absorption and Emission Spectroscopy. *Journal of the Physical Society of Japan*, **2008**, 77, 054711	1.5	21
309	Superconducting properties of single-crystal whiskers of (Y0.86Ca0.14)Ba2Cu3Ox grown from precursors containing calcium and tellurium. *Applied Physics Letters*, **2003**, 82, 1899-1901	3.4	21
308	C-axis electrical resistivity of PrO1−xFaBiS2single crystals. *Japanese Journal of Applied Physics*, **2015**, 54, 083101	1.4	20
307	Two pressure-induced superconducting transitions in SnBi2Se4 explored by data-driven materials search: new approach to developing novel functional materials including thermoelectric and superconducting materials. *Applied Physics Express*, **2018**, 11, 093101	2.4	20
306	Electrochemical Synthesis of Iron-Based Superconductor FeSe Films. *Journal of the Physical Society of Japan*, **2012**, 81, 043702	1.5	20
305	Substitution effects of Ag into FeSe0.5Te0.5 superconductor. *Physica C: Superconductivity and Its Applications*, **2013**, 484, 66-68	1.3	19
304	The effect of exceptionally high fluorine doping on the anisotropy of single crystalline SmFeAsO1−xFx. *Applied Physics Letters*, **2014**, 105, 102602	3.4	19
303	Large local disorder in superconducting K(0.8)Fe(1.6)Se2 studied by extended x-ray absorption fine structure. *Journal of Physics Condensed Matter*, **2012**, 24, 115701	1.8	19
302	A cross-whiskers junction as a novel fabrication process for intrinsic Josephson junctions. *Superconductor Science and Technology*, **2001**, 14, 765-769	3.1	19
301	Pressure-induced phase transition for single-crystalline LaO 0.5 F 0.5 BiSe 2. *Europhysics Letters*, **2014**, 108, 47007	1.6	18
300	Superconductivity and its enhancement under high pressure in F-free single crystals of CeOBiS2. *Journal of Alloys and Compounds*, **2017**, 722, 467-473	5.7	17
299	Enhancement of superconducting properties in FeSe wires using a quenching technique. *Journal of Applied Physics*, **2012**, 111, 013912	2.5	17
298	Periodic oscillations of Josephson-vortex flow resistance in oxygen-deficient YBa2Cu3Ox. *Physical Review B*, **2006**, 74,	3.3	17
297	Core-level electronic structure evolution of heavily boron-doped superconducting diamond studied with hard x-ray photoemission spectroscopy. *Physical Review B*, **2007**, 75,	3.3	17

296	Growth and Structure of Ce(O,F)SbS2 Single Crystals. *Crystal Growth and Design*, **2016**, 16, 3037-3042	3.5	17
295	Diamond anvil cells using boron-doped diamond electrodes covered with undoped diamond insulating layer. *Applied Physics Express*, **2018**, 11, 053101	2.4	16
294	Pressure-dependent magnetization and magnetoresistivity studies on tetragonal FeS (mackinawite): revealing its intrinsic metallic character. *Science and Technology of Advanced Materials*, **2014**, 15, 055007	7.1	16
293	Characteristics of two-stacked intrinsic Josephson junctions with a submicron loop on a Bi2Sr2CaCu2O8+δ(Bi-2212) single crystal whisker. *Physica C: Superconductivity and Its Applications*, **2004**, 412-414, 1401-1405	1.3	16
292	Comparative study of the electronic structure of MgB2 and ZrB2. *Physical Review B*, **2003**, 68,	3.3	16
291	The effect of simultaneous substitution on the electronic band structure and thermoelectric properties of Se-doped Co3SnInS2 with the Kagome lattice. *Solid State Communications*, **2014**, 199, 56-60	1.6	15
290	Effective Disappearance of the Meissner Signal in the Cuprate Superconductor YBa2Cu4O8 under Uniaxial Strain. *Journal of the Physical Society of Japan*, **2014**, 83, 023705	1.5	15
289	Electronic structure of LaO1−xFxBiSe2 (x=0.18) revealed by photoelectron spectromicroscopy. *Physical Review B*, **2014**, 90,	3.3	15
288	Superconductivity in PbO-type Fe chalcogenides. *Zeitschrift Für Kristallographie*, **2011**, 226,		15
287	Scanning tunneling microscopy and spectroscopy studies of superconducting boron-doped diamond films. *Science and Technology of Advanced Materials*, **2006**, 7, S22-S26	7.1	15
286	Growth of R-123 Phase Single Crystal Whiskers. *Japanese Journal of Applied Physics*, **2004**, 43, L324-L327	1.4	15
285	Cross-Whisker Intrinsic Josephson Junction as a Probe of Symmetry of the Superconducting Order Parameter. *Journal of Low Temperature Physics*, **2003**, 131, 533-537	1.3	15
284	Unidirectional Electronic Structure in the Parent State of Iron-Chalcogenide Superconductor Fe1+δTe. *Journal of the Physical Society of Japan*, **2012**, 81, 074714	1.5	14
283	Cross-sectional TEM study and film thickness dependence of Tc in heavily boron-doped superconducting diamond. *Physica C: Superconductivity and Its Applications*, **2010**, 470, S610-S612	1.3	14
282	Evolution of Tetragonal Phase in the FeSe Wire Fabricated by a Novel Chemical-Transformation Powder-in-Tube Process. *Japanese Journal of Applied Physics*, **2012**, 51, 010101	1.4	14
281	Origin of Pressure-induced Superconducting Phase in KxFe2-ySe2 studied by Synchrotron X-ray Diffraction and Spectroscopy. *Scientific Reports*, **2016**, 6, 30946	4.9	14
280	Data-driven exploration of new pressure-induced superconductivity in PbBiTe. *Science and Technology of Advanced Materials*, **2018**, 19, 909-916	7.1	14
279	Pressure-induced superconductivity in tin sulfide. *Physical Review B*, **2019**, 99,	3.3	13

278	Electrochemical Deposition of FeSe on RABiTS Tapes. *Journal of the Physical Society of Japan*, **2016**, 85, 015001	1.5	13
277	Vertical SNS weak-link Josephson junction fabricated from only boron-doped diamond. *Physical Review B*, **2012**, 85,	3.3	13
276	Multiple phosphorus chemical sites in heavily phosphorus-doped diamond. *Applied Physics Letters*, **2011**, 98, 082107	3.4	13
275	Determination of the local structure inFeSe 0.25 Te 0.75 single crystal by polarized EXAFS. *Europhysics Letters*, **2010**, 90, 67008	1.6	13
274	10B/11B 1D/2D solid-state high-resolution NMR studies on boron-doped diamond. *Diamond and Related Materials*, **2009**, 18, 1267-1273	3.5	13
273	Pressure effects on FeSe family superconductors. *Physica C: Superconductivity and Its Applications*, **2010**, 470, S353-S355	1.3	13
272	Air-exposure effects of superconductivity in Fe(Te, S). *Physica C: Superconductivity and Its Applications*, **2010**, 470, S340-S341	1.3	13
271	Transport properties of Li intercalated KCa2Nb3O10. *Physica B: Condensed Matter*, **1997**, 237-238, 68-70	2.8	13
270	Sub-micron sized intrinsic Josephson junctions in YBa2Cu3O7−xwhiskers. *Superconductor Science and Technology*, **2005**, 18, 1159-1162	3.1	13
269	Superconductivity in ternary germanide Y(Pt0.5Ge1.5) with the AlB2-type structure. *Physica C: Superconductivity and Its Applications*, **2002**, 377, 185-189	1.3	13
268	Pressure-Induced Superconductivity in Sulfur-Doped SnSe Single Crystal Using Boron-Doped Diamond Electrode-Prefabricated Diamond Anvil Cell. *Journal of the Physical Society of Japan*, **2018**, 87, 124706	1.5	13
267	Direct observation of double valence-band extrema and anisotropic effective masses of the thermoelectric material SnSe. *Japanese Journal of Applied Physics*, **2018**, 57, 010301	1.4	12
266	Low-temperature breakdown of antiferromagnetic quantum critical behavior in FeSe. *Physical Review B*, **2018**, 97,	3.3	12
265	Pressure-Induced Superconductivity in BiS2-Based EuFBiS2. *Journal of the Physical Society of Japan*, **2015**, 84, 115003	1.5	12
264	Temperature dependence of iron local magnetic moment in phase-separated superconducting chalcogenide. *Physical Review B*, **2014**, 90,	3.3	12
263	Random alloy-like local structure of Fe(Se, S)(1-x)Te(x) superconductors revealed by extended x-ray absorption fine structure. *Journal of Physics Condensed Matter*, **2011**, 23, 425701	1.8	12
262	Intrinsic Josephson junctions in Y1Ba2Cu3Ox single-crystal whiskers grown using Te-doped precursors. *Journal of Applied Physics*, **2005**, 98, 073903	2.5	12
261	Fabrication of Bi2212 cross-whiskers junction. *Physica C: Superconductivity and Its Applications*, **2001**, 362, 261-264	1.3	12

260	Synthesis of Bi2Sr2CaCu2O8+δ whiskers without oxygen stream. *Physica C: Superconductivity and Its Applications*, **2001**, 362, 296-300	1.3	12
259	Superconducting properties of CuS2−xSex under high pressure. *Physica C: Superconductivity and Its Applications*, **2000**, 341-348, 739-740	1.3	12
258	Origin of the Higher-Tc Phase in the KxFe2−ySe2 System. *Journal of the Physical Society of Japan*, **2016**, 85, 044710	1.5	12
257	Superconducting joints using Bi-added PbSn solders. *Applied Physics Express*, **2017**, 10, 093102	2.4	11
256	Uniaxial strain effects on the superconducting transition in Re-doped Hg-1223 cuprate superconductors. *Physical Review B*, **2017**, 95,	3.3	11
255	Evolution of superconductivity in isovalent Te-substituted KxFe2−ySe2crystals. *Superconductor Science and Technology*, **2013**, 26, 055002	3.1	11
254	Spectroscopic evidence of the existence of substantial Ca 3d derived states at the Fermi level in the Ca-intercalated graphite superconductor CaC6. *Physical Review B*, **2009**, 80,	3.3	11
253	Critical current in cross-whiskers Josephson junctions and mechanism of cuprate superconductivity. *Physica C: Superconductivity and Its Applications*, **2002**, 367, 343-347	1.3	11
252	B nuclear magnetic resonance in boron-doped diamond. *Science and Technology of Advanced Materials*, **2008**, 9, 044103	7.1	11
251	. *IEEE Transactions on Applied Superconductivity*, **2016**, 26, 1-5	1.8	11
250	Spin-induced anomalous magnetoresistance at the (100) surface of hydrogen-terminated diamond. *Physical Review B*, **2016**, 94,	3.3	10
249	The Annealing Effects in the Iron-Based Superconductor FeTe0.8Se0.2 Prepared by the Self-Flux Method. *Journal of Superconductivity and Novel Magnetism*, **2014**, 27, 2691-2697	1.5	10
248	Correlation between Tc and Crystal Structure in S-Doped FeSe Superconductors under Pressure: Studied by X-ray Diffraction of FeSe0.8S0.2 at Low Temperatures. *Journal of the Physical Society of Japan*, **2015**, 84, 024713	1.5	10
247	Single Crystal Growth and Structural Characterization of ${rm FeTe}_{1-x}{rm S}_{x}$. *IEEE Transactions on Applied Superconductivity*, **2011**, 21, 2866-2869	1.8	10
246	Electronic structure of FeSe1−xTex studied by Fe L2,3-edge x-ray absorption spectroscopy. *Physical Review B*, **2011**, 83,	3.3	10
245	Stacked SNS Josephson junction of all boron doped diamond. *Physica C: Superconductivity and Its Applications*, **2010**, 470, S613-S615	1.3	10
244	Crystal Structure and Superconductivity of Tetragonal and Monoclinic CePr OBiS. *Inorganic Chemistry*, **2018**, 57, 5364-5370	5.1	9
243	Observation of a Hidden Hole-Like Band Approaching the Fermi Level in K-Doped Iron Selenide Superconductor. *Journal of the Physical Society of Japan*, **2016**, 85, 073704	1.5	9

242	Excess iron deintercalation induced superconductivity in Fe(Te, Se) and Fe(Te, S) via sulfur annealing. *Journal of Applied Physics*, **2014**, 115, 053909	2.5	9
241	Macroscopic quantum tunneling and phase diffusion in a La2−xSrxCuO4 intrinsic Josephson junction stack. *Physical Review B*, **2012**, 86,	3.3	9
240	Microstructure and transport properties of FeTe0.5Se0.5 superconducting wires fabricated by ex-situ Powder-in-tube process. *Physica C: Superconductivity and Its Applications*, **2011**, 471, 1150-1153	1.3	9
239	Analysis of interdiffusion between SmFeAsO0.92F0.08and metals forex situfabrication of superconducting wire. *Superconductor Science and Technology*, **2011**, 24, 075024	3.1	9
238	Uniaxial Strain Effects on Cuprate Superconductor YBa2Cu4O8. *Journal of the Physical Society of Japan*, **2012**, 81, 113709	1.5	9
237	Switching current distributions and subgap structures of underdoped (Hg,Re)Ba2Ca2Cu3O8+δ intrinsic Josephson junctions. *Journal of Applied Physics*, **2009**, 106, 074516	2.5	9
236	Probing the order parameter using cross-whisker junction with adjustable Josephson characteristics. *Physica C: Superconductivity and Its Applications*, **2004**, 408-410, 296-299	1.3	9
235	Magnetic properties and flux pinning in single crystalline and dense polycrystalline MgB2. *Physica C: Superconductivity and Its Applications*, **2002**, 378-381, 550-553	1.3	9
234	Enhanced physical properties of single crystal Fe0.99Te0.63Se0.37 prepared by self-flux synthesis method. *Journal of Alloys and Compounds*, **2016**, 683, 164-170	5.7	9
233	Discovery of the Pt-Based Superconductor LaPt5As. *Journal of the American Chemical Society*, **2016**, 138, 9927-34	16.4	8
232	Uniaxial Strain Effects on Superconducting Transition in Y0.98Ca0.02Ba2Cu4O8. *Journal of the Physical Society of Japan*, **2016**, 85, 024711	1.5	8
231	Tartaric acid in red wine as one of the key factors to induce superconductivity in FeTe0.8S0.2. *Physica C: Superconductivity and Its Applications*, **2013**, 487, 16-18	1.3	8
230	The influence of the in-plane lattice constant on the superconducting transition temperature of FeSe0.7Te0.3 thin films. *AIP Advances*, **2017**, 7, 065015	1.5	8
229	Direct observation of microstructures on superconducting single crystals of KxFe2−ySe2. *Applied Physics Express*, **2017**, 10, 023101	2.4	8
228	Local structure response of phase separation and iron-vacancy order in KxFe2−ySe2 superconductor. *Physical Review B*, **2014**, 90,	3.3	8
227	Fabrication of FeTe0.4Se0.6 superconducting tapes by a chemical-transformation PIT process. *Physica C: Superconductivity and Its Applications*, **2014**, 504, 77-80	1.3	8
226	Observation of an isosceles triangular electronic structure around the excess iron atoms in Fe1+δTe. *Physical Review B*, **2013**, 87,	3.3	8
225	□FeAs-Free SmFeAsO1-xFxby Low Temperature Sintering with Slow Cooling. *Journal of the Physical Society of Japan*, **2013**, 82, 094707	1.5	8

224	Effect of the Indium Addition on the Superconducting Property and the Impurity Phase in Polycrystalline SmFeAsO1-xFx. *Journal of the Physical Society of Japan*, **2013**, 82, 024705	1.5	8
223	Macroscopic Quantum Tunneling in a Bi2Sr2CaCu2O8+δ Single Crystalline Whisker. *Applied Physics Express*, **2010**, 3, 063104	2.4	8
222	Characterization of FeSe single crystals. *Physica C: Superconductivity and Its Applications*, **2010**, 470, S497-S498	1.3	8
221	Microwave plasma chemical vapor deposition synthesis of boron-doped carbon nanotube. *Physica C: Superconductivity and Its Applications*, **2010**, 470, S608-S609	1.3	8
220	Near EF electronic structure of heavily boron-doped superconducting diamond. *Journal of Physics and Chemistry of Solids*, **2008**, 69, 2978-2981	3.9	8
219	Auger electron spectroscopy study of MgB2 surface. *Applied Surface Science*, **2003**, 205, 225-230	6.7	8
218	Mössbauer study of 57Fe-doped La2SrCu2O6. *Nuclear Instruments & Methods in Physics Research B*, **1993**, 76, 341-342	1.2	8
217	Enhancement of Tc in BiS2-based superconductors NdO0.7F0.3BiS2 by substitution of Pb for Bi. *Solid State Communications*, **2015**, 223, 40-44	1.6	7
216	Fabrication of $hbox{FeTe}_{0.5}hbox{Se}_{0.5}$ Superconducting Wires and Tapes by a Chemical-Transformation PIT Process. *IEEE Transactions on Applied Superconductivity*, **2014**, 24, 1-4	1.8	7
215	Effect of excess Fe on magnetic properties and crystallographic phases in Fe1+yTe. *Physica C: Superconductivity and Its Applications*, **2013**, 484, 19-21	1.3	7
214	Diamond anvil cell using metallic diamond electrodes. *Japanese Journal of Applied Physics*, **2017**, 56, 05FC01	1.4	7
213	Electronic properties of FeSe(1-x)Te(x) probed by x-ray emission and absorption spectroscopy. *Journal of Physics Condensed Matter*, **2012**, 24, 415501	1.8	7
212	Intrinsic pinning properties of FeSe0.5Te0.5. *Physica C: Superconductivity and Its Applications*, **2011**, 471, 916-918	1.3	7
211	Photoemission study of electronic structure evolution across the metal–insulator transition of heavily B-doped diamond. *Journal of Physics and Chemistry of Solids*, **2011**, 72, 582-584	3.9	7
210	Evidence of Inhomogeneous Superconductivity in FeTe1-xSexby Scotch-Tape Method. *Journal of the Physical Society of Japan*, **2012**, 81, 113707	1.5	7
209	77Se-NMR study of Co-substituted FeSe. *Physica C: Superconductivity and Its Applications*, **2010**, 470, S426-S427	1.3	7
208	Low-temperature STM/STS studies on boron-doped (1 1 1) diamond films. *Journal of Physics and Chemistry of Solids*, **2008**, 69, 3027-3030	3.9	7
207	11B Nuclear Magnetic Resonance Study on Existence of Boron–Hydrogen Complex in Boron-Doped Diamond. *Japanese Journal of Applied Physics*, **2007**, 46, L1138-L1140	1.4	7

206	Hall Effect in Heusler Alloys Fe2+xV1-xAl and Fe2+xV1-xGa. *Journal of the Physical Society of Japan*, **2004**, 73, 13-16	1.5	7
205	Shock wave consolidated MgB2 bulk samples. *Physica C: Superconductivity and Its Applications*, **2004**, 412-414, 619-622	1.3	7
204	Superconducting properties of combustion synthesized MgB2. *Physica C: Superconductivity and Its Applications*, **2004**, 412-414, 125-129	1.3	7
203	Preparation of high-quality Bi2Sr2CaCu2O8+δ thin films by pulsed laser ablation and post-annealing. *Physica C: Superconductivity and Its Applications*, **2002**, 372-376, 600-603	1.3	7
202	Detailed characterization for YBCO intrinsic Josephson junctions by using small-sized junctions. *Physica C: Superconductivity and Its Applications*, **2005**, 426-431, 1479-1483	1.3	7
201	Lock-inPhenomena of Josephson Vortices under Vicinal Layer Parallel Magnetic Field. *Japanese Journal of Applied Physics*, **2005**, 44, L27-L30	1.4	7
200	Structural and electronic properties of superconductor MgB2 under high pressure. *Journal of Physics Condensed Matter*, **2002**, 14, 10623-10626	1.8	7
199	Observation of zero resistance in as-electrodeposited FeSe. *Solid State Communications*, **2018**, 270, 72-75	1.6	7
198	Superconductivity in nano- and micro-patterned high quality single crystalline boron-doped diamond films. *Diamond and Related Materials*, **2018**, 90, 181-187	3.5	7
197	Influence of Oxidation in Starting Material Sn on Electric Transport Properties of SnSe Single Crystals. *Journal of the Physical Society of Japan*, **2018**, 87, 065001	1.5	7
196	Pressure effect in Bi-2212 and Bi-2223 cuprate superconductor. *Applied Physics Express*, **2019**, 12, 043002	2.4	6
195	Flux Growth and Superconducting Properties of (Ce,Pr)OBiS Single Crystals. *Frontiers in Chemistry*, **2020**, 8, 44	5	6
194	Superconductivity in alkali-doped fullerene nanowhiskers. *Journal of Physics Condensed Matter*, **2016**, 28, 354003	1.8	6
193	Superconductivity in FeTe0.8S0.2 induced by battery-like reaction. *Solid State Communications*, **2014**, 200, 29-31	1.6	6
192	Field-Induced Magnetostructural Transitions in Antiferromagnetic Fe1+yTe1-xSx. *Journal of the Physical Society of Japan*, **2012**, 81, 063703	1.5	6
191	Te concentration dependent photoemission and inverse-photoemission study of FeSeTe. *Science and Technology of Advanced Materials*, **2012**, 13, 054403	7.1	6
190	Structure and Electrical Properties of (Pr, Mn)-Codoped BiFeO3B-Doped Diamond Layered Structure. *Electrochemical and Solid-State Letters*, **2011**, 14, G31		6
189	Characterization of boron-doped diamonds using 11B high-resolution NMR at high magnetic fields. *Diamond and Related Materials*, **2008**, 17, 1835-1839	3.5	6

188	Study of the optical gap in novel superconductors by coherent THz radiation. *Infrared Physics and Technology*, **2008**, 51, 429-432	2.7	6
187	Growth of Y1Ba2Cu3OxSingle-Crystal Whisker Using Sb-doped Precursor. *Japanese Journal of Applied Physics*, **2005**, 44, L67-L70	1.4	6
186	Growth of Bi□Sr□Ca□Cu□O ribbon-like thin films on sputter-deposited Ag film. *Physica C: Superconductivity and Its Applications*, **2001**, 363, 130-139	1.3	6
185	High Pressure Studies of the Non-Copper Superconductors KCa2Nb3O10 and RbCa2Nb3O10.. *Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu*, **1998**, 7, 589-591	0	6
184	Crystal Growth, Structural Analysis, and Pressure-Induced Superconductivity in a AgInSe Single Crystal Explored by a Data-Driven Approach. *Inorganic Chemistry*, **2020**, 59, 325-331	5.1	6
183	Pressure-induced insulator to metal transition of mixed valence compound Ce(O,F)SbS2. *Journal of Applied Physics*, **2019**, 125, 075102	2.5	6
182	X-ray Fluorescence Holographic Study on High-Temperature Superconductor FeSe0.4Te0.6. *Zeitschrift Fur Physikalische Chemie*, **2016**, 230, 489-498	3.1	5
181	Superconductivity in Fe1+d Te0.9Se0.1 Induced by Deintercalation of Excess Fe Using Alcoholic Beverage Treatment. *Journal of Superconductivity and Novel Magnetism*, **2014**, 27, 305-308	1.5	5
180	X-ray absorption and photoemission spectroscopy of electronic phase separation in KxFe2□Se2. *Physical Review B*, **2014**, 90,	3.3	5
179	Quantum oscillations in the SmFeAsO parent compound and superconducting SmFeAs(O,F). *Physical Review B*, **2017**, 96,	3.3	5
178	Ce 4f electronic states of CeO1□FxBiS2 studied by soft x-ray photoemission spectroscopy. *Physical Review B*, **2017**, 95,	3.3	5
177	Superconductivity in FeTe1□Sx Induced by Electrochemical Reaction Using Ionic Liquid Solution. *Journal of the Physical Society of Japan*, **2015**, 84, 034706	1.5	5
176	Inducement of Superconductivity in Fe(Te,S) by Sulfuric Acid Treatment. *Journal of the Physical Society of Japan*, **2012**, 81, 085005	1.5	5
175	Fabrication of submicron La2□SrxCuO4 intrinsic Josephson junction stacks. *Journal of Applied Physics*, **2011**, 109, 033912	2.5	5
174	Pressure Study of the New Iron-Based Superconductor K0.8Fe2Se2. *Journal of the Physical Society of Japan*, **2011**, 80, 075002	1.5	5
173	Electrical resistivity measurements under high pressure for FeTe0.92. *Journal of Physics: Conference Series*, **2010**, 200, 012196	0.3	5
172	Analysis on photoemission spectrum of superconducting FeSe. *Physica C: Superconductivity and Its Applications*, **2010**, 470, S389-S390	1.3	5
171	Transport characteristics in c-axis La/sub 2-x/Sr/sub x/CuO/sub 4/ (LSCO) single crystals. *IEEE Transactions on Applied Superconductivity*, **2005**, 15, 3782-3785	1.8	5

170	Applied pressure-dependent anisotropic grain connectivity in shock consolidated MgB2 samples. *Physica C: Superconductivity and Its Applications*, **2006**, 444, 5-11	1.3	5
169	Evaluation of junction parameters with control of carrier concentration in Bi2Sr2CaCu2O8+δ stacked junctions. *Physica C: Superconductivity and Its Applications*, **2004**, 412-414, 1396-1400	1.3	5
168	The Fermi surface and sheet-dependent superconducting gap of MgB2. *Physica C: Superconductivity and Its Applications*, **2004**, 412-414, 36-40	1.3	5
167	Lower critical field of MgB2 measured by Hall probe. *Physica C: Superconductivity and Its Applications*, **2002**, 370, 6-12	1.3	5
166	Anisotropic Superconducting Properties of MgB2 and Related Compounds. *Journal of Low Temperature Physics*, **2003**, 131, 1153-1157	1.3	5
165	Crystal structure and resistivity of substituted LaSrYCu2O6. *Materials Research Bulletin*, **1995**, 30, 169-175	3.1	5
164	Electrical transport measurements for superconducting sulfur hydrides using boron-doped diamond electrodes on beveled diamond anvil. *Superconductor Science and Technology*, **2020**, 33, 124005	3.1	5
163	Data-driven exploration for pressure-induced superconductors using diamond anvil cell with boron-doped diamond electrodes and undoped diamond insulating layer. *High Pressure Research*, **2020**, 40, 22-34	1.6	5
162	Transport Properties of Hydrogen-Terminated Silicon Surface Controlled by Ionic-Liquid Gating. *Journal of the Physical Society of Japan*, **2017**, 86, 014703	1.5	4
161	Growth and Characterization of ROBiS High-Entropy Superconducting Single Crystals. *ACS Omega*, **2020**, 5, 16819-16825	3.9	4
160	Determination of the local structure of CsBiPbTe (x = 0, 0.5) by X-ray absorption spectroscopy. *Physical Chemistry Chemical Physics*, **2016**, 18, 25136-25142	3.6	4
159	Electrical transport properties of small diameter single-walled carbon nanotubes aligned on ST-cut quartz substrates. *Nanoscale Research Letters*, **2014**, 9, 374	5	4
158	Superconductive CaC6 prepared from flexible graphite sheets. *Solid State Communications*, **2012**, 152, 767-770	1.6	4
157	Fermiological interpretation of FeTe 1− Se x thin crystal by quantum conductance oscillation. *Europhysics Letters*, **2013**, 104, 37010	1.6	4
156	Phase Diagram of FeSe Deposited by Electrochemical Technique with Different Temperature and Voltage. *Journal of the Physical Society of Japan*, **2017**, 86, 075001	1.5	4
155	Anisotropic superconductivity in La(O,F)BiSeS crystals revealed by field-angle dependent Andreev reflection spectroscopy. *Solid State Communications*, **2017**, 264, 26-30	1.6	4
154	Pressure dependence of superconductive transition temperature on KxFe2-ySe2. *Journal of Physics: Conference Series*, **2015**, 592, 012070	0.3	4
153	Superconducting Transitions and Crystal Structure for FeSe1−Sx(x=0.2) under Pressure. *Journal of Physics: Conference Series*, **2012**, 400, 022125	0.3	4

152	SPATIAL VARIATION OF TUNNELING SPECTRA IN (111)-ORIENTED FILMS OF BORON-DOPED DIAMOND PROBED BY STM/STS. *International Journal of Modern Physics B*, **2013**, 27, 1362014	1.1	4
151	The electronic structure of Ca-intercalated superconducting graphite CaC6. *Physica C: Superconductivity and Its Applications*, **2009**, 469, 1041-1044	1.3	4
150	Fabrication of (Bi,Pr)(Fe,Mn)O$_{3}$ Thin Films on Polycrystalline Diamond Substrates by Chemical Solution Deposition and Their Properties. *Japanese Journal of Applied Physics*, **2012**, 51, 09LA08	1.4	4
149	10B and 11B high-resolution NMR studies on boron-doped diamond. *Physica C: Superconductivity and Its Applications*, **2010**, 470, S625-S626	1.3	4
148	Inhibitory effect of lactoperoxidase on the secretion of proinflammatory cytokine interleukin-8 in human intestinal epithelial Caco-2 cells. *International Dairy Journal*, **2008**, 18, 932-938	3.5	4
147	Focus on Superconductivity in Semiconductors. *Science and Technology of Advanced Materials*, **2008**, 9, 040301	7.1	4
146	Energy gap and surface structure of superconducting diamond films probed by scanning tunneling microscopy. *Physica C: Superconductivity and Its Applications*, **2007**, 460-462, 210-211	1.3	4
145	Heat capacity of CeIrSi3 under pressure. *Journal of Physics and Chemistry of Solids*, **2008**, 69, 3199-3201	3.9	4
144	Pressure effect of superconducting transition temperature for boron-doped diamond films. *Physica C: Superconductivity and Its Applications*, **2008**, 468, 1228-1230	1.3	4
143	Anisotropic grain connectivity in shock consolidated MgB2bulk samples. *Superconductor Science and Technology*, **2004**, 17, 799-803	3.1	4
142	Synthesis of Bi-2212 ribbon-like thin films on flat Ag substrates. *Physica C: Superconductivity and Its Applications*, **2002**, 367, 67-72	1.3	4
141	The fabrication of MgB2 superconducting STM tips. *Physica C: Superconductivity and Its Applications*, **2003**, 388-389, 117-118	1.3	4
140	Comparative study on the anisotropic properties of MgB2. *Physica C: Superconductivity and Its Applications*, **2003**, 388-389, 157-158	1.3	4
139	Mössbauer study of 57Fe doped LaSrYCu2O6. *Materials Research Bulletin*, **1995**, 30, 789-794	5.1	4
138	Relationship between magnetic ordering and gigantic magnetocaloric effect in HoB2 studied by neutron diffraction experiment. *Physical Review B*, **2020**, 102,	3.3	4
137	Synthesis conditions of graphite intercalation compound with Ca in molten Li-Ca alloy and its superconducting characteristics. *Tanso*, **2008**, 2008, 148-150	0.1	4
136	Enhancement of giant refrigerant capacity in Ho1-Gd B2 alloys (0.1≤x≤0.4). *Journal of Alloys and Compounds*, **2021**, 865, 158881	5.7	4
135	Research Update: Structural and transport properties of (Ca,La)FeAs2 single crystal. *APL Materials*, **2016**, 4, 020702	5.7	4

134	Change of the Surface Structure by F Doping in BiS2-Based Superconductor CeO1-xFxBiS2. *Physics Procedia*, **2016**, 81, 49-52		4
133	Growth and physical properties of Ce(O,F)Sb(S,Se)2 single crystals with site-selected chalcogen atoms. *Solid State Communications*, **2019**, 289, 38-42	1.6	4
132	Local Structure of FeSe0.4Te0.6 by Low-Temperature X-Ray Fluorescence Holography. *Physica Status Solidi (B): Basic Research*, **2018**, 255, 1800093	1.3	4
131	Growth of Superconducting Sm(O,F)BiS2 Single Crystals. *Crystal Growth and Design*, **2019**, 19, 6136-6140	3.5	3
130	Growth and transport properties under high pressure of PrOBiS2 single crystals. *Solid State Communications*, **2019**, 296, 17-20	1.6	3
129	Structure and physical properties of iron-selenide KxFe2−ySe2. *Materials Chemistry and Physics*, **2015**, 164, 157-162	4.4	3
128	Comparative ARPES studies of LaOxF1−xBiS2(x = 0.23 and 0.46). *Journal of Physics: Conference Series*, **2016**, 683, 012002	0.3	3
127	Anderson's impurity-model analysis on CeO1-xFxBiS2. *Journal of Physics: Conference Series*, **2015**, 592, 012073	0.3	3
126	Observation of a Pressure-Induced Phase Transition for Single Crystalline LaO0.5F0.5BiSeS Using a Diamond Anvil Cell. *Journal of the Physical Society of Japan*, **2015**, 84, 095001	1.5	3
125	Weak Spin Fluctuation with Finite Wave Vector and Superconducting Gap Symmetry in KxFe2-ySe2:77Se Nuclear Magnetic Resonance. *Journal of the Physical Society of Japan*, **2012**, 81, 104712	1.5	3
124	Growth and Anisotropic Properties of RBa2Cu3OxSingle-Crystal Whiskers. *Japanese Journal of Applied Physics*, **2010**, 49, 033101	1.4	3
123	High-Pressure Studies for Iron-Based Superconductors. *Japanese Journal of Applied Physics*, **2011**, 50, 05FD01	1.4	3
122	A New Noncentrosymmetric Superconducting Phase in the LiRhB System. *Journal of the Physical Society of Japan*, **2011**, 80, 013702	1.5	3
121	Focus on superconducting properties of iron chalcogenides. *Science and Technology of Advanced Materials*, **2012**, 13, 050301	7.1	3
120	High-pressure studies on and crystal structure of iron chalcogenide superconductors. *Science and Technology of Advanced Materials*, **2012**, 13, 054401	7.1	3
119	Soft X-ray Core-Level Photoemission Study of Boron Sites in Heavily Boron-Doped Diamond Films. *Journal of the Physical Society of Japan*, **2009**, 78, 034703	1.5	3
118	Growth and characterization of Ca doped Eu-123 whiskers for intrinsic Josephson junction applications. *Superconductor Science and Technology*, **2006**, 19, 290-293	3.1	3
117	Double Antiferromagnetism in Heusler-Type Alloys Fe2+xV1-xSi. *Journal of the Physical Society of Japan*, **2006**, 75, 094714	1.5	3

116	Formation processes of Bi-2212 films prepared on Ag() substrate by an atomization technique. *Physica C: Superconductivity and Its Applications*, **2002**, 372-376, 619-622	1.3	3
115	Fabrication of Atomically Flat Bi2Sr2CaCu2O8+.DELTA. Films on MgO Substrates by Pulsed Laser Deposition and a Post-annealing Process. *Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals*, **2004**, 68, 668-673	0.4	3
114	Study on the growth mechanism of the ribbon-like thin films of Bi-2212. *IEEE Transactions on Applied Superconductivity*, **2001**, 11, 2696-2699	1.8	3
113	In situ Observation of the Growth of Ribbon-like Thin Films of Bi-2212 on an Ag Substrate. *Journal of Low Temperature Physics*, **1999**, 117, 629-633	1.3	3
112	Single Crystal Growth of Cuprate Superconductor (Lu0.8Nd0.2)Ba2Cu4O8 by KOH Flux Method. *Journal of the Physical Society of Japan*, **2018**, 87, 123705	1.5	3
111	Universal scaling behavior of the upper critical field in strained FeSe0.7Te0.3 thin films. *New Journal of Physics*, **2018**, 20, 093012	2.9	3
110	Low-Temperature Carrier Transport in Ionic-Liquid-Gated Hydrogen-Terminated Silicon. *Journal of the Physical Society of Japan*, **2017**, 86, 114703	1.5	2
109	Growth and characterization of (La,Ce)OBiS2 single crystals. *Japanese Journal of Applied Physics*, **2019**, 58, 063001	1.4	2
108	Single-crystalline boron-doped diamond superconducting quantum interference devices with regrowth-induced step edge structure. *Scientific Reports*, **2019**, 9, 15214	4.9	2
107	Pressure-induced superconductivity in the layered pnictogen diselenide NdO0.8F0.2Sb1□BixSe2(x=0.3and0.7). *Physical Review B*, **2019**, 100,	3.3	2
106	Effect of Dy substitution in the giant magnetocaloric properties of HoB. *Science and Technology of Advanced Materials*, **2021**, 21, 849-855	7.1	2
105	Demonstration of electric double layer gating under high pressure by the development of field-effect diamond anvil cell. *Applied Physics Letters*, **2020**, 116, 223506	3.4	2
104	Maskless Patterning of Gallium-Irradiated Superconducting Silicon Using Focused Ion Beam. *ACS Applied Electronic Materials*, **2020**, 2, 677-682	4	2
103	Quantum conductance-temperature phase diagram of granular superconductor K FeSe. *Scientific Reports*, **2018**, 8, 7041	4.9	2
102	Phase-Separation Control of KxFe2□Se2 Superconductor through Rapid-Quenching Process. *Journal of the Physical Society of Japan*, **2017**, 86, 043703	1.5	2
101	Synthesis of LaO0.5F0.5BiS2 nanosheets by ultrasonification. *Journal of Asian Ceramic Societies*, **2017**, 5, 183-185	2.4	2
100	Quenching dependence on superconductivity in the synthesizing process of single crystals of Rb Fe2-Se2. *Solid State Communications*, **2017**, 265, 32-36	1.6	2
99	Probing the electronic properties of ternary A MB (= 1: A = Ca, Sr; M = Rh, Ir and = 3: A = Ca, Sr; M = Rh) phases: observation of superconductivity. *Science and Technology of Advanced Materials*, **2013**, 14, 035003	7.1	2

98	Growth of superconducting single-crystalline (Lu, Ca) Ba2Cu3O7−δ whiskers. *Physica C: Superconductivity and Its Applications*, **2009**, 469, 965-966	1.3	2
97	Intrinsic Josephson properties in an optimally doped (Hg, Re)Ba2Ca2Cu3O8+δ single crystal. *Physica C: Superconductivity and Its Applications*, **2009**, 469, 1596-1599	1.3	2
96	Preparation of Thin Crystals of FeTe$_{1-x}$S$_{x}$ Using the Scotch-Tape Method. *Japanese Journal of Applied Physics*, **2011**, 50, 088003	1.4	2
95	Evolution of Tetragonal Phase in the FeSe Wire Fabricated by a Novel Chemical-Transformation Powder-in-Tube Process. *Japanese Journal of Applied Physics*, **2012**, 51, 010101	1.4	2
94	Critical concentrations of superconductor to insulator transition in (1 1 1) and (0 0 1) CVD boron-doped diamond. *Physica C: Superconductivity and Its Applications*, **2010**, 470, S604-S607	1.3	2
93	Electronic structures of B 2p levels in homo-epitaxial growth boron-doped diamond by soft X-rays absorption spectroscopy. *Physica C: Superconductivity and Its Applications*, **2010**, 470, S671-S672	1.3	2
92	Superconducting gap of MgB2 observed using ultrahigh-resolution photoemission spectroscopy. *Physica B: Condensed Matter*, **2002**, 312-313, 150-151	2.8	2
91	Photoemission results of intermetallic superconductors: Nb3Al and MgB2. *Journal of Physics and Chemistry of Solids*, **2002**, 63, 2141-2144	3.9	2
90	Local density of electronic states in MgB2 studied by low temperature STM and STS: direct evidence for a multiple-gap superconductor. *Surface Science*, **2003**, 541, 14-20	1.8	2
89	A new growth technique of Ca-free Y/sub 1/Ba/sub 2/Cu/sub 3/O/sub x/ single-crystal whiskers using antimony-doped precursors. *IEEE Transactions on Applied Superconductivity*, **2005**, 15, 3169-3171	1.8	2
88	Growth mechanism of Bi-2212 ribbon-like thin films. *Physica C: Superconductivity and Its Applications* , **2001**, 362, 301-304	1.3	2
87	Single Crystalline MgB2Superconductor. *Journal of the Physical Society of Japan*, **2002**, 71, 320-322	1.5	2
86	The Systematic Study on the Stability and Superconductivity of Y-Mg-H Compounds under High Pressure. *Advanced Theory and Simulations*,2100364	3.5	2
85	Synthetic Route of Layered Titanium Nitride Chloride TiNCl Using Sodium Amide.. *ACS Omega*, **2022** , 7, 6375-6380	3.9	2
84	Growth and anisotropy evaluation of NbBiCh3 (Ch = S, Se) misfit-layered superconducting single crystals. *Solid State Communications*, **2020**, 321, 114051	1.6	2
83	High-pressure effects on La(O,F)BiS2 single crystal using diamond anvil cell with dual-probe diamond electrodes. *Applied Physics Express*, **2021**, 14, 043001	2.4	2
82	Gas-atomized particles of giant magnetocaloric compound HoB(_{2}) for magnetic hydrogen liquefiers. *Applied Physics A: Materials Science and Processing*, **2021**, 127, 1	2.6	2
81	Bulk sensitive angle-resolved photoelectron spectroscopy on Nd(O,F)BiS2. *Journal of Physics: Conference Series*, **2016**, 683, 012003	0.3	2

80	THz emission from a Bi2Sr2CaCu2O8+□cross-whisker junction. *Applied Physics Express*, **2021**, 14, 033003	2.4	2
79	Ionic-liquid-gating setup for stable measurements and reduced electronic inhomogeneity at low temperatures. *Review of Scientific Instruments*, **2018**, 89, 103903	1.7	2
78	Synthesis of Bi2(O,F)S2 superconductors by NaF treatment. *Journal of the Ceramic Society of Japan*, **2018**, 126, 591-593	1	2
77	Concurrent synthesis and boron-doping of amorphous carbon films by focused ion beam-assisted chemical vapor deposition. *Thin Solid Films*, **2021**, 730, 138704	2.2	2
76	Diamond anvil cell with boron-doped diamond heater for high-pressure synthesis and in situ transport measurements. *Applied Physics Letters*, **2021**, 119, 053502	3.4	2
75	XERUS: An Open-Source Tool for Quick XRD Phase Identification and Refinement Automation. *Advanced Theory and Simulations*,2100588	3.5	2
74	Protonation-induced discrete superconducting phases in bulk FeSe single crystals. *Physical Review B*, **2022**, 105,	3.3	2
73	Growth and superconducting properties of Cd-doped La(O,F)BiS2 single crystals. *Solid State Communications*, **2017**, 261, 32-36	1.6	1
72	The effect of the sintering process on Ag□dded FeSe0.94 superconducting wire. *Superconductor Science and Technology*, **2020**, 33, 095006	3.1	1
71	Pressure-induced superconductivity in SnSbTe. *Journal of Physics Condensed Matter*, **2020**, 32, 235901	1.8	1
70	Single Crystal Growth and Superconducting Properties of Antimony-Substituted NdO0.7F0.3BiS2. *Condensed Matter*, **2018**, 3, 1	1.8	1
69	Lithography-free control of the position of single-walled carbon nanotubes on a substrate by focused ion beam induced deposition of catalyst and chemical vapor deposition. *Applied Physics Express*, **2018**, 11, 085101	2.4	1
68	Superconducting fluctuations of the specific heat in the short wavelength fluctuation regime. *Physics Procedia*, **2012**, 27, 68-71		1
67	One-dimensional Electronic Order in Fe1.07Te Probed by Scanning Tunneling Spectroscopy. *Journal of Superconductivity and Novel Magnetism*, **2012**, 25, 1273-1276	1.5	1
66	Synthesis of polyaniline with low polydispersity by using a supramolecular ionic assembly as the reaction medium. *Chemistry - A European Journal*, **2013**, 19, 5824-9	4.8	1
65	Raman Spectroscopic Study of K0.8Fe2Se2. *Journal of the Physical Society of Japan*, **2011**, 80, 075003	1.5	1
64	Pressure study on oxygen-annealed FeTe0.8S0.2. *Physica C: Superconductivity and Its Applications*, **2011**, 471, 611-613	1.3	1
63	Observation of macroscopic quantum tunneling in La2-xSrxCuO4intrinsic Josephson Junctions. *Journal of Physics: Conference Series*, **2009**, 150, 052132	0.3	1

62	Formation Mechanism of BaZrO3 Nanorods in SmBa2Cu3Oy Thin Films. *Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals*, **2010**, 74, 422-427	0.4	1
61	Angle-resolved photoemission study of Si electronic structure: Boron concentration dependence. *Physica C: Superconductivity and Its Applications*, **2010**, 470, S641-S643	1.3	1
60	An infrared study of the superconducting diamond. *Physica Status Solidi (A) Applications and Materials Science*, **2007**, 204, 2945-2949	1.6	1
59	Low temperature STM/STS studies on MgB2. *Physica C: Superconductivity and Its Applications*, **2004**, 412-414, 283-287	1.3	1
58	Effect of Ar+ ion sputtering on the electronic transport of MgB2 surface. *Thin Solid Films*, **2004**, 464-465, 61-64	2.2	1
57	FABRICATION OF JOSEPHSON JUNCTIONS ON MgB2 THIN FILMS USING FOCUSED-ION-BEAM (FIB). *International Journal of Modern Physics B*, **2005**, 19, 391-394	1.1	1
56	New method for preparing extremely thin Bi2Sr2Ca1Cu2Ox ribbon-like films on silver substrates and their superconducting properties. *Physica C: Superconductivity and Its Applications*, **2000**, 337, 133-137	1.3	1
55	High-Pressure MgSc$_2$H$_4$ Phase Diagram and Its Superconductivity from First-Principles Calculations. *Journal of Physical Chemistry C*, **2022**, 126, 2747-2755	3.8	1
54	Al substitution effect on magnetic properties of magnetocaloric material HoB2. *Solid State Communications*, **2021**, 342, 114616	1.6	1
53	Magnetocaloric particles of the Laves phase compound HoAl2 prepared by electrode induction melting gas atomization. *Journal of Magnetism and Magnetic Materials*, **2022**, 547, 168906	2.8	1
52	Metal Addition Effects on SmFeAsO1-xFx. *TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan)*, **2013**, 48, 345-350	0.1	1
51	Synthesis of Bi2212 Superconducting Whiskers without Oxygen Stream and their Intrinsic Josephson Effects. *Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals*, **2002**, 66, 247-253	0.4	1
50	Fabrication of (Bi,Pr)(Fe,Mn)O3Thin Films on Polycrystalline Diamond Substrates by Chemical Solution Deposition and Their Properties. *Japanese Journal of Applied Physics*, **2012**, 51, 09LA08	1.4	1
49	Crystal Growth and High-Pressure Effects of Bi-Based Superconducting Whiskers. *ACS Omega*, **2021**, 6, 12179-12186	3.9	1
48	High-pressure effects on superconducting properties and crystal structure of Bi-based layered superconductor LaOBiAgSnS. *Journal of Physics Condensed Matter*, **2021**, 33,	1.8	1
47	The Electrochemical Synthesis of Superconducting FeSe. *Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals*, **2016**, 80, 462-467	0.4	1
46	Crystal size improvement of Bi-based superconducting whiskers under stress-controlled condition. *Journal of Crystal Growth*, **2020**, 541, 125669	1.6	1
45	Enhancement of the critical current density of in-situ powder-in-tube processed MgB2 wires with both xylene and SiC addition. *Physica C: Superconductivity and Its Applications*, **2018**, 551, 5-9	1.3	1

44	Robustness of superconductivity to external pressure in high-entropy-alloy-type metal telluride AgInSnPbBiTe.. *Scientific Reports*, **2022**, 12, 7789	4.9	1
43	Experimental Observation of Pressure-Induced Superconductivity in Layered Transition-Metal Chalcogenides (Zr,Hf)GeTe4 Explored by a Data-Driven Approach. *Chemistry of Materials*, **2021**, 33, 3602-3610	9.6	0
42	SuperMat: construction of a linked annotated dataset from superconductors-related publications. *Science and Technology of Advanced Materials Methods*, **2021**, 1, 34-44		0
41	Crystal analysis of grain boundaries in boron-doped diamond superconducting quantum interference devices operating above liquid helium temperature. *Carbon*, **2021**, 181, 379-388	10.4	0
40	Synthesis and electrical transport measurement of superconducting hydrides using diamond anvil cell with boron-doped diamond electrodes. *Japanese Journal of Applied Physics*, **2021**, 60, 090902	1.4	0
39	Effect of Non-Stoichiometry on Magnetocaloric Properties of HoB2 Gas-Atomized Particles. *IEEE Transactions on Magnetics*, **2022**, 1-1	2	0
38	Change in the electronic structure of the bismuth chalcogenide superconductor CsBi Pb Te by dissociation of the bismuth dimers. *Journal of Physics Condensed Matter*, **2020**, 32, 145501	1.8	
37	Correction to Structure, Superconductivity, and Magnetism of Ce(O,F)BiS2 Single Crystals. *Crystal Growth and Design*, **2016**, 16, 2459-2459	3.5	
36	The synthesis and magnetic structure of the iron selenide Ba0.8Fe2Se2. *Journal of Physics: Conference Series*, **2016**, 667, 012003	0.3	
35	Fabrication of a superconducting YBa2Cu4O8 film via coprecipitation. *Japanese Journal of Applied Physics*, **2019**, 58, 070902	1.4	
34	Amorphous FeAs-free SmFeAsO1−xFxusing low temperature sintering with slow cooling. *Journal of Physics: Conference Series*, **2014**, 507, 012015	0.3	
33	On the bad metallicity and phase diagrams of Fe1+δ(X=Te, Se, S, solid solutions): an electrical resistivity study. *Journal of Physics: Conference Series*, **2014**, 568, 022012	0.3	
32	Magnetization of K0.8Fe2Se2 superconductor. *Physics Procedia*, **2012**, 27, 108-111		
31	Angular dependence of the resistive upper critical field of the iron-based superconductor Fe1+δ (Te,Se) in high magnetic fields. *Journal of the Korean Physical Society*, **2013**, 62, 1997-2000	0.6	
30	Field-Induced Magnetostructural Transitions in Antiferromagnetic Fe1+y Te1− S x. *Journal of Low Temperature Physics*, **2013**, 170, 340-345	1.3	
29	On the superconductivity of the LixRhBycompositions. *Materials Research Express*, **2014**, 1, 046001	1.7	
28	Preparation and characterization of PEG/Bi2212 nanocomposites. *Journal of Physics: Conference Series*, **2014**, 507, 012012	0.3	
27	Pressure Studies for 1111 and 11 Type Iron-based Superconductors. *Materials Research Society Symposia Proceedings*, **2010**, 1254, 202		

26	Fabrication of Iron-based Superconducting Wire. *Materia Japan*, **2009**, 48, 520-521	0.1
25	Photoemission study of Ca-intercalated graphite superconductor CaC6. *Physica C: Superconductivity and Its Applications*, **2010**, 470, S637-S638	1.3
24	Electronic Structures of Heavily Boron-Doped Superconducting Diamond Films. *Materials Research Society Symposia Proceedings*, **2006**, 956, 1	
23	Current-dependent fluxflow resistance and resonant current steps in BSCCO intrinsic Josephson junctions. *Journal of Physics and Chemistry of Solids*, **2006**, 67, 438-441	3.9
22	Synthesis and characterization of single crystalline REBa/sub 2/Cu/sub 3/O/sub 7-y/ thin film grown by tri-phase epitaxy. *IEEE Transactions on Applied Superconductivity*, **2003**, 13, 2813-2816	1.8
21	Local Density of Electronic States in MgB2Studied by Scanning Tunneling Microscopy. *Japanese Journal of Applied Physics*, **2003**, 42, 4710-4712	1.4
20	Growth and superconducting properties of Y-123 phase single-crystal whiskers using Te and Ca doped precursors. *Physica C: Superconductivity and Its Applications*, **2004**, 408-410, 857-859	1.3
19	New Copper-Free Layered Perovskite Superconductors: KCa2Nb3O10 and Related Compounds **2002**, 573-578	
18	MgB2 Superconducting Tips for Scanning Tunneling Microscopy Study. *Journal of Superconductivity and Novel Magnetism*, **2002**, 15, 303-305	
17	Investigation on synthesis of Bi-based thin films on flat sputter-deposited Ag film by melting process. *Physica C: Superconductivity and Its Applications*, **2003**, 384, 81-92	1.3
16	The effect of starting material composition on the growth of Bi-based ribbon-like thin films. *IEEE Transactions on Applied Superconductivity*, **2003**, 13, 2856-2859	1.8
15	Synthesis and Properties of Polycrystalline MgB2 Thin Films by a Precursor Post-annealing Process. *TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan)*, **2003**, 38, 629-634	0.1
14	Superconductivity in Boron-Doped Diamond. *Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu*, **2006**, 16, 202-206	0
13	Uniaxial Compression Effects on Cuprate Superconductors. *Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu*, **2019**, 29, 262-271	0
12	Rapid crystal growth of triple-layered cuprate superconductor HgBa2Ca2Cu3O8+δby cesium chloride additional method. *Materials Research Express*, **2020**, 7, 086002	1.7
11	Development of Cuprate Superconductor Films and Wires for Game-changing Technology. *TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan)*, **2015**, 50, 510-515	0.1
10	High-Pressure Studies for Iron-Based Superconductors. *Japanese Journal of Applied Physics*, **2011**, 50, 05FD01	1.4
9	Preparation of Thin Crystals of FeTe1-xSxUsing the Scotch-Tape Method. *Japanese Journal of Applied Physics*, **2011**, 50, 088003	1.4

8	Effect of Pressure on the Electrical Resistance of Individual Boron-Doped Carbon Nanotubes. *Japanese Journal of Applied Physics*, **2012**, 51, 105103	1.4
7	Structural characterization of the C60 nanowhiskers heat-treated at high temperatures for potential superconductor application. *Transactions of the Materials Research Society of Japan*, **2013**, 38, 517-520	0.2
6	Oxygen Deficiency Dependence of Pressure Effects on Superconducting Critical Temperatures of Perovskite-related Mixed-anion Layered Compound Sr2VFeAsO3□ *Journal of the Physical Society of Japan*, **2020**, 89, 114712	1.5
5	Superconductivity in Iron Chalcogenide Compounds Induced by Battery-Like Reaction. *Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals*, **2016**, 80, 468-472	0.4
4	Superconducting critical current density enhanced to 285 A cm□ for Sr2VFeAsO3□ tapes fabricated by ex situ powder-in-tube process. *Applied Physics Express*, **2019**, 12, 123004	2.4
3	The effect of the Ag addition on FeSe superconducting wire by the ex-situ PIT method. *Journal of Materials Science: Materials in Electronics*, **2021**, 32, 2887-2894	2.1
2	Electrical Transport Measurements on Layered La(O,F)BiS2 under Extremely High Pressure. *Condensed Matter*, **2022**, 7, 25	1.8
1	Estimation of the Grüneisen Parameter of High-Entropy Alloy-Type Functional Materials: The Cases of REO0.7F0.3BiS2 and MTe. *Condensed Matter*, **2022**, 7, 34	1.8