Yoshihiko Takano

List of Publications by Year in Descending Order

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	High-Pressure MgSc□H Phase Diagram and Its Superconductivity from First-Principles Calculations. *Journal of Physical Chemistry C*, **2022**, 126, 2747-2755	3.8	1
420	Synthetic Route of Layered Titanium Nitride Chloride TiNCl Using Sodium Amide.. *ACS Omega*, **2022**, 7, 6375-6380	3.9	2
419	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
418	Electrical Transport Measurements on Layered La(O,F)BiS2 under Extremely High Pressure. *Condensed Matter*, **2022**, 7, 25	1.8	
417	Effect of Non-Stoichiometry on Magnetocaloric Properties of HoB2 Gas-Atomized Particles. *IEEE Transactions on Magnetics*, **2022**, 1-1	2	0
416	Protonation-induced discrete superconducting phases in bulk FeSe single crystals. *Physical Review B*, **2022**, 105,	3.3	2
415	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	
414	Robustness of superconductivity to external pressure in high-entropy-alloy-type metal telluride AgInSnPbBiTe.. *Scientific Reports*, **2022**, 12, 7789	4.9	1
413	Effect of Dy substitution in the giant magnetocaloric properties of HoB. *Science and Technology of Advanced Materials*, **2021**, 21, 849-855	7.1	2
412	Al substitution effect on magnetic properties of magnetocaloric material HoB2. *Solid State Communications*, **2021**, 342, 114616	1.6	1
411	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
410	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
409	Crystal Growth and High-Pressure Effects of Bi-Based Superconducting Whiskers. *ACS Omega*, **2021**, 6, 12179-12186	3.9	1
408	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
407	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
406	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
405	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	

404	SuperMat: construction of a linked annotated dataset from superconductors-related publications. *Science and Technology of Advanced Materials Methods*, **2021**, 1, 34-44		0
403	THz emission from a Bi2Sr2CaCu2O8+□ cross-whisker junction. *Applied Physics Express*, **2021**, 14, 033003	2.4	2
402	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
401	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
400	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
399	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
398	Machine-learning-guided discovery of the gigantic magnetocaloric effect in HoB2 near the hydrogen liquefaction temperature. *NPG Asia Materials*, **2020**, 12,	10.3	43
397	The effect of the sintering process on Ag□dded FeSe0.94 superconducting wire. *Superconductor Science and Technology*, **2020**, 33, 095006	3.1	1
396	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
395	Growth and Characterization of ROBiS High-Entropy Superconducting Single Crystals. *ACS Omega*, **2020**, 5, 16819-16825	3.9	4
394	Maskless Patterning of Gallium-Irradiated Superconducting Silicon Using Focused Ion Beam. *ACS Applied Electronic Materials*, **2020**, 2, 677-682	4	2
393	Flux Growth and Superconducting Properties of (Ce,Pr)OBiS Single Crystals. *Frontiers in Chemistry*, **2020**, 8, 44	5	6
392	Pressure-induced superconductivity in SnSbTe. *Journal of Physics Condensed Matter*, **2020**, 32, 235901	1.8	1
391	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	
390	Relationship between magnetic ordering and gigantic magnetocaloric effect in HoB2 studied by neutron diffraction experiment. *Physical Review B*, **2020**, 102,	3.3	4
389	Rapid crystal growth of triple-layered cuprate superconductor HgBa2Ca2Cu3O8+□ by cesium chloride additional method. *Materials Research Express*, **2020**, 7, 086002	1.7	
388	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
387	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

386	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
385	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	
384	Growth and anisotropy evaluation of NbBiCh3 (Ch = S, Se) misfit-layered superconducting single crystals. *Solid State Communications*, **2020**, 321, 114051	1.6	2
383	Crystal size improvement of Bi-based superconducting whiskers under stress-controlled condition. *Journal of Crystal Growth*, **2020**, 541, 125669	1.6	1
382	Growth and characterization of (La,Ce)OBiS2 single crystals. *Japanese Journal of Applied Physics*, **2019**, 58, 063001	1.4	2
381	Single-crystalline boron-doped diamond superconducting quantum interference devices with regrowth-induced step edge structure. *Scientific Reports*, **2019**, 9, 15214	4.9	2
380	Growth of Superconducting Sm(O,F)BiS2 Single Crystals. *Crystal Growth and Design*, **2019**, 19, 6136-6140	3.5	3
379	Pressure-induced superconductivity in the layered pnictogen diselenide NdO0.8F0.2Sb1□BixSe2(x=0.3and0.7). *Physical Review B*, **2019**, 100,	3.3	2
378	Growth and transport properties under high pressure of PrOBiS2 single crystals. *Solid State Communications*, **2019**, 296, 17-20	1.6	3
377	Pressure-induced superconductivity in tin sulfide. *Physical Review B*, **2019**, 99,	3.3	13
376	Pressure effect in Bi-2212 and Bi-2223 cuprate superconductor. *Applied Physics Express*, **2019**, 12, 043002	2.4	6
375	Fabrication of a superconducting YBa2Cu4O8 film via coprecipitation. *Japanese Journal of Applied Physics*, **2019**, 58, 070902	1.4	
374	Uniaxial Compression Effects on Cuprate Superconductors. *Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu*, **2019**, 29, 262-271	0	
373	Pressure-induced insulator to metal transition of mixed valence compound Ce(O,F)SbS2. *Journal of Applied Physics*, **2019**, 125, 075102	2.5	6
372	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	
371	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
370	Crystal Structure and Superconductivity of Tetragonal and Monoclinic CePr OBiS. *Inorganic Chemistry*, **2018**, 57, 5364-5370	5.1	9
369	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

368	Low-temperature breakdown of antiferromagnetic quantum critical behavior in FeSe. *Physical Review B*, **2018**, 97,	3.3	12
367	Diamond anvil cells using boron-doped diamond electrodes covered with undoped diamond insulating layer. *Applied Physics Express*, **2018**, 11, 053101	2.4	16
366	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
365	Single Crystal Growth and Superconducting Properties of Antimony-Substituted NdO0.7F0.3BiS2. *Condensed Matter*, **2018**, 3, 1	1.8	1
364	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
363	Quantum conductance-temperature phase diagram of granular superconductor K FeSe. *Scientific Reports*, **2018**, 8, 7041	4.9	2
362	Observation of zero resistance in as-electrodeposited FeSe. *Solid State Communications*, **2018**, 270, 72-75	1.6	7
361	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
360	Ionic-liquid-gating setup for stable measurements and reduced electronic inhomogeneity at low temperatures. *Review of Scientific Instruments*, **2018**, 89, 103903	1.7	2
359	Data-driven exploration of new pressure-induced superconductivity in PbBiTe. *Science and Technology of Advanced Materials*, **2018**, 19, 909-916	7.1	14
358	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
357	Synthesis of Bi2(O,F)S2 superconductors by NaF treatment. *Journal of the Ceramic Society of Japan*, **2018**, 126, 591-593	1	2
356	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
355	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
354	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
353	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
352	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
351	Growth and superconducting properties of Cd-doped La(O,F)BiS2 single crystals. *Solid State Communications*, **2017**, 261, 32-36	1.6	1

350	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
349	Low-Temperature Carrier Transport in Ionic-Liquid-Gated Hydrogen-Terminated Silicon. *Journal of the Physical Society of Japan*, **2017**, 86, 114703	1.5	2
348	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
347	Quantum oscillations in the SmFeAsO parent compound and superconducting SmFeAs(O,F). *Physical Review B*, **2017**, 96,	3.3	5
346	Direct observation of microstructures on superconducting single crystals of KxFe2ySe2. *Applied Physics Express*, **2017**, 10, 023101	2.4	8
345	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
344	Phase-Separation Control of KxFe2ySe2 Superconductor through Rapid-Quenching Process. *Journal of the Physical Society of Japan*, **2017**, 86, 043703	1.5	2
343	Synthesis of LaO0.5F0.5BiS2 nanosheets by ultrasonification. *Journal of Asian Ceramic Societies*, **2017**, 5, 183-185	2.4	2
342	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
341	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
340	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
339	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
338	Ce 4f electronic states of CeO1−xFxBiS2 studied by soft x-ray photoemission spectroscopy. *Physical Review B*, **2017**, 95,	3.3	5
337	Superconducting joints using Bi-added PbSn solders. *Applied Physics Express*, **2017**, 10, 093102	2.4	11
336	Uniaxial strain effects on the superconducting transition in Re-doped Hg-1223 cuprate superconductors. *Physical Review B*, **2017**, 95,	3.3	11
335	Diamond anvil cell using metallic diamond electrodes. *Japanese Journal of Applied Physics*, **2017**, 56, 05FC01	1.4	7
334	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
333	Discovery of the Pt-Based Superconductor LaPt5As. *Journal of the American Chemical Society*, **2016**, 138, 9927-34	16.4	8

332	Superconductivity in alkali-doped fullerene nanowhiskers. *Journal of Physics Condensed Matter*, **2016**, 28, 354003	1.8	6
331	Comparative ARPES studies of LaOxF1□BiS2(x = 0.23 and 0.46). *Journal of Physics: Conference Series*, **2016**, 683, 012002	0.3	3
330	Spin-induced anomalous magnetoresistance at the (100) surface of hydrogen-terminated diamond. *Physical Review B*, **2016**, 94,	3.3	10
329	Correction to Structure, Superconductivity, and Magnetism of Ce(O,F)BiS2 Single Crystals. *Crystal Growth and Design*, **2016**, 16, 2459-2459	3.5	
328	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
327	The synthesis and magnetic structure of the iron selenide Ba0.8Fe2Se2. *Journal of Physics: Conference Series*, **2016**, 667, 012003	0.3	
326	X-ray Fluorescence Holographic Study on High-Temperature Superconductor FeSe0.4Te0.6. *Zeitschrift Fur Physikalische Chemie*, **2016**, 230, 489-498	3.1	5
325	Electrochemical Deposition of FeSe on RABiTS Tapes. *Journal of the Physical Society of Japan*, **2016**, 85, 015001	1.5	13
324	Uniaxial Strain Effects on Superconducting Transition in Y0.98Ca0.02Ba2Cu4O8. *Journal of the Physical Society of Japan*, **2016**, 85, 024711	1.5	8
323	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	
322	The Electrochemical Synthesis of Superconducting FeSe. *Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals*, **2016**, 80, 462-467	0.4	1
321	Research Update: Structural and transport properties of (Ca,La)FeAs2 single crystal. *APL Materials*, **2016**, 4, 020702	5.7	4
320	Note: Novel diamond anvil cell for electrical measurements using boron-doped metallic diamond electrodes. *Review of Scientific Instruments*, **2016**, 87, 076103	1.7	27
319	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
318	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
317	Change of the Surface Structure by F Doping in BiS2-Based Superconductor CeO1-xFxBiS2. *Physics Procedia*, **2016**, 81, 49-52		4
316	. *IEEE Transactions on Applied Superconductivity*, **2016**, 26, 1-5	1.8	11
315	Growth and Structure of Ce(O,F)SbS2 Single Crystals. *Crystal Growth and Design*, **2016**, 16, 3037-3042	3.5	17

314	Origin of the Higher-Tc Phase in the KxFe2ySe2 System. *Journal of the Physical Society of Japan*, **2016**, 85, 044710	1.5	12
313	Bulk sensitive angle-resolved photoelectron spectroscopy on Nd(O,F)BiS2. *Journal of Physics: Conference Series*, **2016**, 683, 012003	0.3	2
312	Signature of high above 25 K in high quality superconducting diamond. *Applied Physics Letters*, **2015** , 106, 052601	3.4	44
311	Coexistence of Bulk Superconductivity and Magnetism in CeO1FxBiS2. *Journal of the Physical Society of Japan*, **2015**, 84, 024709	1.5	49
310	Structure and physical properties of iron-selenide KxFe2ySe2. *Materials Chemistry and Physics*, **2015**, 164, 157-162	4.4	3
309	Site selectivity on chalcogen atoms in superconducting La(O,F)BiSSe. *Applied Physics Letters*, **2015**, 106, 112601	3.4	30
308	C-axis electrical resistivity of PrO1FaBiS2single crystals. *Japanese Journal of Applied Physics*, **2015** , 54, 083101	1.4	20
307	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
306	Structure, Superconductivity, and Magnetism of Ce(O,F)BiS2 Single Crystals. *Crystal Growth and Design*, **2015**, 15, 39-44	3.5	29
305	In-plane charge fluctuations in bismuth-sulfide superconductors. *Physical Review B*, **2015**, 91,	3.3	55
304	Pressure dependence of superconductive transition temperature on KxFe2-ySe2. *Journal of Physics: Conference Series*, **2015**, 592, 012070	0.3	4
303	Anderson's impurity-model analysis on CeO1-xFxBiS2. *Journal of Physics: Conference Series*, **2015**, 592, 012073	0.3	3
302	Superconductivity in FeTe1Sx Induced by Electrochemical Reaction Using Ionic Liquid Solution. *Journal of the Physical Society of Japan*, **2015**, 84, 034706	1.5	5
301	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
300	Pressure-Induced Superconductivity in BiS2-Based EuFBiS2. *Journal of the Physical Society of Japan*, **2015**, 84, 115003	1.5	12
299	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
298	Direct observation of nanoscale interface phase in the superconducting chalcogenide KxFe2ySe2 with intrinsic phase separation. *Physical Review B*, **2015**, 91,	3.3	51
297	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	

296	Correlation between crystal structure and superconductivity in LaO0.5F0.5BiS2. *Solid State Communications*, **2014**, 181, 1-4	1.6	42
295	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
294	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
293	X-ray absorption and photoemission spectroscopy of electronic phase separation in KxFe2ySe2. *Physical Review B*, **2014**, 90,	3.3	5
292	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
291	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
290	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
289	Soft X-ray Photoemission Study of New BiS2-Layered Superconductor LaO1□FxBiS2. *Journal of the Physical Society of Japan*, **2014**, 83, 033703	1.5	23
288	Superconductivity in FeTe0.8S0.2 induced by battery-like reaction. *Solid State Communications*, **2014**, 200, 29-31	1.6	6
287	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
286	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
285	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
284	Electrical transport properties of small diameter single-walled carbon nanotubes aligned on ST-cut quartz substrates. *Nanoscale Research Letters*, **2014**, 9, 374	5	4
283	Evidence for non-metallic behaviour in tetragonal FeS (mackinawite). *Materials Chemistry and Physics*, **2014**, 147, 50-56	4.4	24
282	Growth and superconducting properties of F-substituted ROBiS2 (R=La, Ce, Nd) single crystals. *Solid State Communications*, **2014**, 178, 33-36	1.6	73
281	Role of the Ce valence in the coexistence of superconductivity and ferromagnetism of CeO1□FxBiS2 revealed by Ce L3-edge x-ray absorption spectroscopy. *Physical Review B*, **2014**, 89,	3.3	63
280	Amorphous FeAs-free SmFeAsO1□Fxusing low temperature sintering with slow cooling. *Journal of Physics: Conference Series*, **2014**, 507, 012015	0.3	
279	On the bad metallicity and phase diagrams of Fe1+□(X=Te, Se, S, solid solutions): an electrical resistivity study. *Journal of Physics: Conference Series*, **2014**, 568, 022012	0.3	

278	Spectromicroscopy of electronic phase separation in KxFe2-ySe2 superconductor. *Scientific Reports*, **2014**, 4, 5592	4.9	33
277	Superconducting Anisotropies of F-Substituted LaOBiSe2 Single Crystals. *Journal of the Physical Society of Japan*, **2014**, 83, 114709	1.5	22
276	Pressure-Induced Enhancement of Superconductivity and Structural Transition in BiS2-Layered LaO1□FxBiS2. *Journal of the Physical Society of Japan*, **2014**, 83, 063704	1.5	93
275	Temperature dependence of iron local magnetic moment in phase-separated superconducting chalcogenide. *Physical Review B*, **2014**, 90,	3.3	12
274	Coexistence of ferromagnetism and superconductivity in CeO0.3F0.7BiS2. *Physical Review B*, **2014**, 90,	3.3	22
273	Proximity to Fermi-surface topological change in superconducting LaO0.54F0.46BiS2. *Physical Review B*, **2014**, 90,	3.3	31
272	On the superconductivity of the LixRhBycompositions. *Materials Research Express*, **2014**, 1, 046001	1.7	
271	Preparation and characterization of PEG/Bi2212 nanocomposites. *Journal of Physics: Conference Series*, **2014**, 507, 012012	0.3	
270	The effect of exceptionally high fluorine doping on the anisotropy of single crystalline SmFeAsO1□Fx. *Applied Physics Letters*, **2014**, 105, 102602	3.4	19
269	Local structure response of phase separation and iron-vacancy order in KxFe2□ySe2 superconductor. *Physical Review B*, **2014**, 90,	3.3	8
268	Quantum oscillations of the two-dimensional hole gas at atomically flat diamond surfaces. *Physical Review B*, **2014**, 89,	3.3	27
267	□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
266	Electronic structure of LaO1□FxBiSe2 (x=0.18) revealed by photoelectron spectromicroscopy. *Physical Review B*, **2014**, 90,	3.3	15
265	Determination of local atomic displacements in CeO(1-x)F(x)BiS2 system. *Journal of Physics Condensed Matter*, **2014**, 26, 435701	1.8	41
264	Effect of high-pressure annealing on the normal-state transport of LaO0.5F0.5BiS2. *Physical Review B*, **2014**, 89,	3.3	22
263	High-Tc Phase of PrO0.5F0.5BiS2 single crystal induced by uniaxial pressure. *Applied Physics Letters*, **2014**, 105, 052601	3.4	25
262	Pressure-induced phase transition for single-crystalline LaO 0.5 F 0.5 BiSe 2. *Europhysics Letters*, **2014**, 108, 47007	1.6	18
261	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

260	Synthesis and physical properties of Ca1−xREFeAs2withRE= La−Gd. *Applied Physics Express*, **2014**, 7, 073102	2.4	33
259	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
258	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
257	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	
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