Yoichi Kamihara

List of Publications by Year in Descending Order

33 papers	7,115 citations	12 h-index	36 g-index
36 ext. papers	7,557 ext. citations	3.2 avg, IF	5.84 L-index

#	Paper	IF	Citations
33	Investigations of arsenic substitution on the physical, electrical and magnetic properties of Bi-2212 superconductors. *Phase Transitions*, **2020**, 93, 1055-1066	1.3	0
32	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	
31	Superconducting properties of a mixed anion layered compound, Ca and F co-doped LaFeAsO with T c = 31.5 K. *Japanese Journal of Applied Physics*, **2019**, 58, 030911	1.4	1
30	Improvement of the Superconducting Properties of GdBa2Cu3O7-□with Nano-Sized Ferrite Addition. *Journal of Superconductivity and Novel Magnetism*, **2019**, 32, 3065-3069	1.5	
29	Enhanced thermoelectricity by controlled local structure in bismuth-chalcogenides. *Journal of Applied Physics*, **2019**, 125, 145105	2.5	5
28	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	
27	Superconducting transition temperatures in the electronic and magnetic phase diagrams of SrVFeAsO , a superconductor. *Journal of Physics Condensed Matter*, **2019**, 31, 115801	1.8	6
26	Oxygen vacancy-originated highly active electrocatalysts for the oxygen evolution reaction. *Journal of Materials Chemistry A*, **2018**, 6, 15102-15109	13	45
25	Synthesis, Crystal Structure, and Thermoelectric Properties of Layered Antimony Selenides REOSbSe2 (RE = La, Ce). *Journal of the Physical Society of Japan*, **2018**, 87, 074703	1.5	11
24	Discovery of the Pt-Based Superconductor LaPt5As. *Journal of the American Chemical Society*, **2016**, 138, 9927-34	16.4	8
23	Crystal Structure, Electronic Structure, and Photocatalytic Activity of Oxysulfides: La2Ta2ZrS2O8, La2Ta2TiS2O8, and La2Nb2TiS2O8. *Inorganic Chemistry*, **2016**, 55, 3674-9	5.1	20
22	Superconductivity in Iron Oxypnictide Induced by F-Doping **2016**, 423-446		2
21	Effect of Sn-Substitution on Thermoelectric Properties of Copper-Based Sulfide, Famatinite Cu3SbS4. *Journal of the Physical Society of Japan*, **2015**, 84, 044706	1.5	33
20	Electrical and Thermal Transport of Layered Bismuth-Sulfide EuBiS2F at Temperatures between 300 and 623 K. *Journal of the Physical Society of Japan*, **2015**, 84, 085003	1.5	14
19	Magnetic Properties of Shandite-Phase Co3□FexSn2S2 (x = 0□1.0) Obtained with High Pressure Synthesis. *Journal of the Physical Society of Japan*, **2015**, 84, 044705	1.5	13
18	Electrical/thermal transport and electronic structure of the binary cobalt pnictides CoPn2 (Pn = As and Sb). *AIP Advances*, **2015**, 5, 067147	1.5	9
17	The Electronic Structure of Structurally Strained Mn3O4 Postspinel and the Relationship with Mn3O4 Spinel. *Journal of the Physical Society of Japan*, **2015**, 84, 114702	1.5	10

List of Publications

16	From kesterite to stannite photovoltaics: Stability and band gaps of the Cu2(Zn,Fe)SnS4 alloy. *Applied Physics Letters*, **2014**, 104, 021912	3.4	59
15	Effect of Indium Substitution on the Thermoelectric Properties of Orthorhombic Cu4SnS4. *Journal of Electronic Materials*, **2014**, 43, 2202-2205	1.9	13
14	Enhancement of thermoelectric properties by Se substitution in layered bismuth-chalcogenide LaOBiS2-xSex. *Journal of Applied Physics*, **2014**, 116, 163915	2.5	42
13	Homogeneous Coexistence in CaFe1− Co x AsF and Phase Segregation in LaFeAsO1− F x Studied via NMR. *Journal of Superconductivity and Novel Magnetism*, **2013**, 26, 2689-2692	1.5	2
12	Modulation of critical current density in polycrystalline boron-doped diamond by surface modification. *Physica Status Solidi (B): Basic Research*, **2013**, 250, 1943-1949	1.3	7
11	First principles calculations of electronic structures for orthorhombic and monoclinic Cu4SnS4. *Physica Status Solidi C: Current Topics in Solid State Physics*, **2013**, 10, 1127-1129		6
10	Pressure-induced tetragonal-orthorhombic phase transitions in CeRuPO. *Applied Physics Letters*, **2013**, 102, 051917	3.4	2
9	Magnetic properties of shandite-type Co3Sn2S2-xSex. *Physica Status Solidi C: Current Topics in Solid State Physics*, **2013**, 10, 1130-1131		12
8	Annealing induced superconductivity in perovskite-related iron-based mixed anion compounds Sr2VFeAsO3 *Journal of Applied Physics*, **2013**, 113, 17E157	2.5	3
7	Ferromagnetic Quantum Critical Point Induced by Tuning the Magnetic Dimensionality of the Heavy-Fermion Iron Oxypnictide Ce(Ru1-xFex)PO. *Journal of the Physical Society of Japan*, **2013**, 82, 033704	1.5	10
6	75As NMR study of the growth of paramagnetic-metal domains due to electron doping near the superconducting phase in LaFeAsO1 Fx. *Physical Review B*, **2012**, 85,	3.3	10
5	Current status of iron-based superconductors. *Hyperfine Interactions*, **2012**, 208, 123-131	0.8	2
4	Coherent Optical Phonons in the Iron Oxypnictide SmFeAsO1-xFx(x=0.075). *Journal of the Physical Society of Japan*, **2011**, 80, 013707	1.5	13
3	Electronic and magnetic phase diagram of superconductors, SmFeAsO1 Fx. *New Journal of Physics* , **2010**, 12, 033005	2.9	74
2	Spin Ordering in LaFeAsO and Its Suppression in Superconductor LaFeAsO0.89F0.11 Probed by M sbauer Spectroscopy. *Journal of the Physical Society of Japan*, **2008**, 77, 103706	1.5	97
1	Iron-based layered superconductor La[O(1-x)F(x)]FeAs (x = 0.05-0.12) with T(c) = 26 K. *Journal of the American Chemical Society*, **2008**, 130, 3296-7	16.4	6586