

# Aichi Yamashita

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7584873/publications.pdf>

Version: 2024-02-01

18  
papers

214  
citations

1163117

8  
h-index

1125743

13  
g-index

18  
all docs

18  
docs citations

18  
times ranked

45  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of RE123 high-Tc superconductors with a high-entropy-alloy-type RE site. Physica C: Superconductivity and Its Applications, 2020, 572, 1353623.	1.2	37
2	An efficient way of increasing the total entropy of mixing in high-entropy-alloy compounds: a case of NaCl-type (Ag,In,Pb,Bi)Te <sub>1-x</sub> Se <sub>x</sub> (x = 0.0, 0.25, 0.5) superconductors. Dalton Transactions, 2020, 49, 9118-9122.	3.3	30
3	Superconducting properties of high-entropy-alloy tellurides M-Te (M: Ag, In, Cd, Sn, Sb, Pb, Bi) with a NaCl-type structure. Applied Physics Express, 2020, 13, 033001.	2.4	26
4	Synthesis of new high-entropy alloy-type Nb <sub>3</sub> (Al, Sn, Ge, Ga, Si) superconductors. Journal of Alloys and Compounds, 2021, 868, 159233.	5.5	21
5	Synthesis of high-entropy-alloy-type superconductors (Fe,Co,Ni,Rh,Ir)Zr <sub>2</sub> with tunable transition temperature. Journal of Materials Science, 2021, 56, 9499-9505.	3.7	19
6	n-Type thermoelectric metal chalcogenide (Ag,Pb,Bi)(S,Se,Te) designed by multi-site-type high-entropy alloying. Materials Research Letters, 2021, 9, 366-372.	8.7	13
7	Anomalous broadening of specific heat jump at T <sub>c</sub> in high-entropy-alloy-type superconductor TrZr <sub>2</sub> . Superconductor Science and Technology, 0, , .	3.5	12
8	Superconductivity in HEA-Type Compounds. , 0, , .		11
9	Possible pairing mechanism switching driven by structural symmetry breaking in BiS <sub>2</sub> -based layered superconductors. Scientific Reports, 2021, 11, 230.	3.3	9
10	Robustness of superconductivity to external pressure in high-entropy-alloy-type metal telluride AgInSnPbBiTe <sub>5</sub> . Scientific Reports, 2022, 12, 7789.	3.3	9
11	Fabrication of high-entropy REBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-δ</sub> thin films by pulsed laser deposition. Japanese Journal of Applied Physics, 2022, 61, 050905.	1.5	8
12	Improvement of critical current density of RE Ba <sub>2</sub> Cu <sub>3</sub> O <sub>7-δ</sub> by increase in configurational entropy of mixing. Royal Society Open Science, 2022, 9, 211874.	2.4	6
13	Evolution of two bulk-superconducting phases in Sr <sub>0.5</sub> RE <sub>0.5</sub> BiS <sub>2</sub> (RE: La, Ce, Pr, Nd, Sm) by external hydrostatic pressure effect. Scientific Reports, 2020, 10, 12880.	3.3	4
14	Superconductivity in In-doped AgSnBiTe <sub>3</sub> with possible band inversion. Scientific Reports, 2021, 11, 22885.	3.3	4
15	High-pressure effects on superconducting properties and crystal structure of Bi-based layered superconductor La <sub>2</sub> O <sub>2</sub> Bi <sub>3</sub> Ag <sub>0.6</sub> Sn <sub>0.4</sub> S <sub>6</sub> . Journal of Physics Condensed Matter, 2021, 33, 225702.	1.8	3
16	Lattice Anharmonicity in BiS <sub>2</sub> -Based Layered Superconductor RE(O,F)BiS <sub>2</sub> (RE =) Tj ETQq0,0 0 rgBT <sub>2</sub> /Overlock	1.6	2
17	Three-dimensional Atomic Image of FeSe High-temperature Superconductor by X-ray Fluorescence Holography. E-Journal of Surface Science and Nanotechnology, 2022, 20, 36-41.	0.4	0
18	Estimation of the GrÅ¼neisen Parameter of High-Entropy Alloy-Type Functional Materials: The Cases of REO <sub>0.7</sub> F <sub>0.3</sub> BiS <sub>2</sub> and MTe. Condensed Matter, 2022, 7, 34.	1.8	0