Kazuhisa Hoshi

List of Publications by Year
in descending order

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17	176	1163117	1125743
papers	citations	8	13
		h-index	g-index

17	17	17	106
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Extremely high upper critical field in BiCh2-based (Ch: S and Se) layered superconductor LaO0.5F0.5BiS2â^'xSex (xâ€‰=â€‰0.22 and 0.69). Scientific Reports, 2022, 12, 288.	3.3	10
2	Lattice Anharmonicity in BiS₂-Based Layered Superconductor RE(O,F)BiS₂ (RE =) Tj ETQq0 0 0 rgBT /Overlock	1.6	2
3	Investigation of in-plane anisotropy of c-axis magnetoresistance for BiCh2-based layered superconductor NdO0.7F0.3BiS2. Japanese Journal of Applied Physics, 2021, 60, 020907.	1.5	1
4	Possible pairing mechanism switching driven by structural symmetry breaking in BiS2-based layered superconductors. Scientific Reports, 2021, 11, 230.	3.3	9
5	Investigation of Superconducting Properties and Possible Nematic Superconductivity in Selfâ€Doped BiCh 2 â€Based Superconductor CeOBiS 1.7 Se 0.3. Physica Status Solidi - Rapid Research Letters, 2021, 15, 2000546.	2.4	3
6	Thermoelectric Properties of the As/P-Based Zintl Compounds EuIn₂As_{2â€“x}P_x (x = 0â€“2) and SrSn₂As₂. ACS Applied Energy Materials, 2021, 4, 5155-5164.	5.1	16
7	Experimental overview on pairing mechanisms of BiCh₂-based (Ch: S, Se) layered superconductors. Journal of Physics Condensed Matter, 2021, 33, 473001.	1.8	7
8	Superconductivity in In-doped AgSnBiTe3 with possible band inversion. Scientific Reports, 2021, 11, 22885.	3.3	4
9	Bipolar doping and thermoelectric properties of Zintl arsenide Eu₅In₂As₆. Journal of Materials Chemistry A, 2021, 9, 26362-26370.	10.3	6
10	Structural Phase Diagram of LaO1â^'xFxBiSSe: Suppression of the Structural Phase Transition by Partial F Substitutions. Condensed Matter, 2020, 5, 81.	1.8	8
11	Bulk Superconductivity Induced by Se Substitution in Self-Doped BiCh₂-Based Compound CeOBiS_{2â^'}_xSe_x. Journal of the Physical Society of Japan, 2020, 89, 064702.	1.6	3
12	High-Pressure Synthesis and Superconducting Properties of NaCl-Type In1â^'xPbxTe (x = 0â€“0.8). Condensed Matter, 2020, 5, 14.	1.8	12
13	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
14	Two-fold symmetry of in-plane magnetoresistance anisotropy in the superconducting states of BiCh₂-based LaO_{0.9}F_{0.1}BiSSe single crystal. Journal of Physics Communications, 2020, 4, 095028.	1.2	11
15	Two-Fold-Symmetric Magnetoresistance in Single Crystals of Tetragonal BiCh2-Based Superconductor LaO0.5F0.5BiSSe. Journal of the Physical Society of Japan, 2019, 88, 033704.	1.6	15
16	Doping-Induced Polymorph and Carrier Polarity Changes in Thermoelectric Ag(Bi,Sb)Se₂ Solid Solution. Inorganic Chemistry, 2019, 58, 7628-7633.	4.0	11
17	Selenium isotope effect in the layered bismuth chalcogenide superconductor LaO0.6F0.4Bi(S,Se)2. Physical Review B, 2018, 97, .	3.2	32