

Tomohisa Takamatsu

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

140
citations

1307594

7
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

112
citing authors

#	ARTICLE	IF	CITATIONS
1	Undoped and Hole-Doped Superconductors $T_{c0} = 0$ in $T_x\text{Sr}_{1-x}\text{CuO}_4$ ($x = 0$) <i>J. Phys. Chem. B</i> , 2004, 108, 14337.	1.0	37
2	Effects of Nb substitution on thermoelectric properties of CrSi_2 . <i>Journal of Alloys and Compounds</i> , 2016, 687, 37-41.	5.5	18
3	Superconductivity in Hole-Doped $\text{La}_{1.8-x}\text{Eu}_{0.2}\text{Ca}_x\text{CuO}_4$ with the Nd_2CuO_4 -Type Structure. <i>Physics Procedia</i> , 2014, 58, 46-49.	1.2	12
4	Effects of Ge substitution on thermoelectric properties of CrSi_2 . <i>Japanese Journal of Applied Physics</i> , 2016, 55, 111801.	1.5	11
5	Improved thermoelectric performance from CrSi_2 by Cu substitution into Si sites. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 121801.	1.5	11
6	Pairing Symmetry Studied from Impurity Effects in the Undoped Superconductor $\text{La}_{1.8}\text{Eu}_{0.2}\text{CuO}_4$. <i>Journal of the Physical Society of Japan</i> , 2016, 85, 093703.	1.6	7
7	Thermoelectric Properties of Mo and Ge co-substituted CrSi_2 . <i>Transactions of the Materials Research Society of Japan</i> , 2018, 43, 85-91.	0.2	7
8	Aqueous Chemical Synthesis and Consolidation of Size-Controlled Bi_2Te_3 Nanoparticles for Low-Cost and High-Performance Thermoelectric Materials. <i>Journal of Electronic Materials</i> , 2019, 48, 2700-2711.	2.2	7
9	Lattice dynamics and lattice thermal conductivity of CrSi_2 calculated from first principles and the phonon Boltzmann transport equation. <i>Journal of Applied Physics</i> , 2019, 126, 025105.	2.5	6
10	Crystal structure, electronic structure and thermoelectric properties of Zn_4Sb_3 thermoelectrics: a (3 + 1)-dimensional superspace group approach. <i>Journal of Materials Chemistry C</i> , 2020, 8, 9205-9212.	5.5	6
11	Electron-Doping Effect on T_c in the Undoped (Ce-Free) Superconductor $\text{La}_{1.8}\text{Eu}_{0.2}\text{CuO}_4$ Studied by the Fluorine Substitution for Oxygen. <i>Journal of the Physical Society of Japan</i> , 2020, 89, 014701.	1.6	5
12	Relationships between crystallite size and thermoelectric properties of nano-structured CrSi_2 prepared by the reduction-diffusion and spark plasma sintering methods. <i>Journal of Alloys and Compounds</i> , 2021, 861, 157967.	5.5	5
13	Impurity Effects on the Electronic State in the Undoped (Ce-free) Superconductor $\text{La}_{1.8}\text{Eu}_{0.2}\text{CuO}_4$ Studied by Muon Spin Relaxation. <i>Journal of the Physical Society of Japan</i> , 2018, 87, 094717.	1.6	4
14	Reduction Annealing Effects on the Crystal Structure of $\text{La}_{1.8}\text{Eu}_{0.2}\text{CuO}_4$. <i>Journal of the Physical Society of Japan</i> , 2021, 90, 105002.	1.6	4