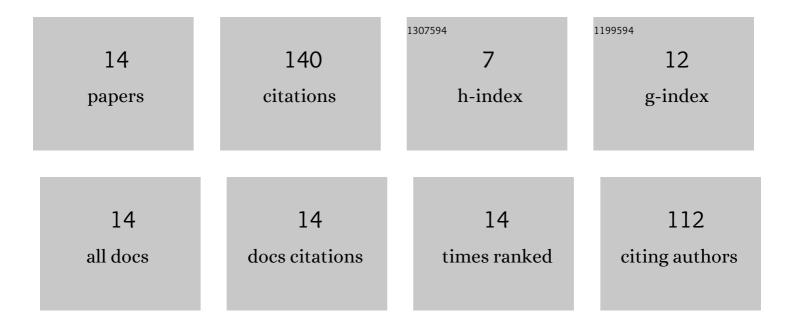
Tomohisa Takamatsu

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Relationships between crystallite size and thermoelectric properties of nano-structured CrSi2 prepared by the reduction-diffusion and spark plasma sintering methods. Journal of Alloys and Compounds, 2021, 861, 157967.	5.5	5
2	Reduction Annealing Effects on the Crystal Structure of <i>T</i> ′-type La _{1.8} Eu _{0.2} CuO ₄₊ <i>_α</i> _{â~'} <i>_δ Journal of the Physical Society of Japan, 2021, 90, 105002.</i>		4
3	Crystal structure, electronic structure and thermoelectric properties of β- and γ-Zn ₄ Sb ₃ thermoelectrics: a (3 + 1)-dimensional superspace group approach. Journal of Materials Chemistry C, 2020, 8, 9205-9212.	5.5	6
4	Electron-Doping Effect on Tc in the Undoped (Ce-Free) Superconductor T′-La1.8Eu0.2CuO4 Studied by the Fluorine Substitution for Oxygen. Journal of the Physical Society of Japan, 2020, 89, 014701.	1.6	5
5	Lattice dynamics and lattice thermal conductivity of CrSi 2 calculated from first principles and the phonon Boltzmann transport equation. Journal of Applied Physics, 2019, 126, 025105.	2.5	6
6	Aqueous Chemical Synthesis and Consolidation of Size-Controlled Bi2Te3 Nanoparticles for Low-Cost and High-Performance Thermoelectric Materials. Journal of Electronic Materials, 2019, 48, 2700-2711.	2.2	7
7	Improved thermoelectric performance from CrSi ₂ by Cu substitution into Si sites. Japanese Journal of Applied Physics, 2018, 57, 121801.	1.5	11
8	Thermoelectric Properties of Mo and Ge co-substituted CrSi ₂ . Transactions of the Materials Research Society of Japan, 2018, 43, 85-91.	0.2	7
9	Impurity Effects on the Electronic State in the Undoped (Ce-free) Superconductor T′-La1.8Eu0.2CuO4 Studied by Muon Spin Relaxation. Journal of the Physical Society of Japan, 2018, 87, 094717.	1.6	4
10	Pairing Symmetry Studied from Impurity Effects in the Undoped Superconductor T′-La1.8Eu0.2CuO4. Journal of the Physical Society of Japan, 2016, 85, 093703.	1.6	7
11	Effects of Ge substitution on thermoelectric properties of CrSi ₂ . Japanese Journal of Applied Physics, 2016, 55, 111801.	1.5	11
12	Effects of Nb substitution on thermoelectric properties of CrSi2. Journal of Alloys and Compounds, 2016, 687, 37-41.	5.5	18
13	Superconductivity in Hole-Doped La1.8-xEu0.2CaxCuO4 with the Nd2CuO4-Type Structure. Physics Procedia, 2014, 58, 46-49.	1.2	12

Undoped and Hole-Doped Superconductors T\$'\$-La\$_{1.8-x}\$Eu\$_{0.2}\$Sr\$_{x}\$CuO\$_{4}\$ (x = 0) Tj ETQq0.0 rgBT $\frac{1}{37}$ verlock 1