

# Tomohisa Takamatsu

## List of Publications by Year in descending order

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14  
papers

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1307594

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1199594

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Relationships between crystallite size and thermoelectric properties of nano-structured CrSi <sub>2</sub> 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>Ti</i> -type La <sub>1.8</sub> Eu <sub>0.2</sub> CuO <sub>4+x</sub> Ir <sub>z</sub> . Journal of the Physical Society of Japan, 2021, 90, 105002.		4
3	Crystal structure, electronic structure and thermoelectric properties of <i>Ir</i> - and <i>Ir</i> -Zn <sub>4</sub> Sb <sub>3</sub> 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 T <sub>c</sub> in the Undoped (Ce-Free) Superconductor <i>Ti</i> -La <sub>1.8</sub> Eu <sub>0.2</sub> CuO <sub>4</sub> 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 <sub>2</sub> 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 Bi <sub>2</sub> Te <sub>3</sub> 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 <sub>2</sub> 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 <sub>2</sub> . 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 <i>Ti</i> -La <sub>1.8</sub> Eu <sub>0.2</sub> CuO <sub>4</sub> 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 <i>Ti</i> -La <sub>1.8</sub> Eu <sub>0.2</sub> CuO <sub>4</sub> . Journal of the Physical Society of Japan, 2016, 85, 093703.	1.6	7
11	Effects of Ge substitution on thermoelectric properties of CrSi <sub>2</sub> . Japanese Journal of Applied Physics, 2016, 55, 111801.	1.5	11
12	Effects of Nb substitution on thermoelectric properties of CrSi <sub>2</sub> . Journal of Alloys and Compounds, 2016, 687, 37-41.	5.5	18
13	Superconductivity in Hole-Doped La <sub>1.8-x</sub> Eu <sub>0.2</sub> CaxCuO <sub>4</sub> with the Nd <sub>2</sub> CuO <sub>4</sub> -Type Structure. Physics Procedia, 2014, 58, 46-49.	1.2	12
14	Undoped and Hole-Doped Superconductors T <sub>c</sub> 's of La <sub>1.8-x</sub> Eu <sub>0.2</sub> Sr <sub>x</sub> CuO <sub>4</sub> ( $x = 0$ ) T <sub>c</sub> = 0 K. Journal of Applied Physics, 2014, 116, 024301.	2.4	37