

# Jang-Yeul Tak

## List of Publications by Year in descending order

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Version: 2024-02-01

7  
papers

139  
citations

1478505

6  
h-index

1720034

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

182  
citing authors

#	ARTICLE	IF	CITATIONS
1	Significantly enhanced chemical stability in interface-controlled Cu <sub>2</sub> +Se-reduced graphene oxide composites and related thermoelectric performances. <i>Journal of the European Ceramic Society</i> , 2021, 41, 459-465.	5.7	13
2	Effects of Cl-Doping on Thermoelectric Transport Properties of Cu <sub>2</sub> Se Prepared by Spark Plasma Sintering. <i>Journal of Electronic Materials</i> , 2019, 48, 1958-1964.	2.2	18
3	Ultralow Lattice Thermal Conductivity and Significantly Enhanced Near-Room-Temperature Thermoelectric Figure of Merit in $\bar{1}\pm$ -Cu <sub>2</sub> Se through Suppressed Cu Vacancy Formation by Overstoichiometric Cu Addition. <i>Chemistry of Materials</i> , 2018, 30, 3276-3284.	6.7	58
4	Comparison of the electronic and thermoelectric properties of three layered phases Bi <sub>2</sub> Te <sub>3</sub> , PbBi <sub>2</sub> Te <sub>4</sub> and PbBi <sub>4</sub> Te <sub>7</sub> : LEGO thermoelectrics. <i>AIP Advances</i> , 2018, 8, .	1.3	11
5	Thermoelectric transport properties of tetradymite-type Pb <sub>1</sub> -Sn Bi <sub>2</sub> Te <sub>4</sub> compounds. <i>Journal of Alloys and Compounds</i> , 2017, 690, 966-970.	5.5	7
6	Effects of Cu incorporation as an acceptor on the thermoelectric transport properties of Cu Bi <sub>2</sub> Te <sub>2.7</sub> Se <sub>0.3</sub> compounds. <i>Journal of Alloys and Compounds</i> , 2017, 696, 213-219.	5.5	18
7	Composition-dependent charge transport and temperature-dependent density of state effective mass interpreted by temperature-normalized Pisarenko plot in Bi <sub>2</sub> âˆ’ <sub>2</sub> Sb <sub>âˆ’</sub> Te <sub>3</sub> compounds. <i>APL Materials</i> , 2016, 4, 104812.	5.1	14