

Guocai Yuan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7559357/publications.pdf>

Version: 2024-02-01

9
papers

107
citations

1307594

7
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

76
citing authors

#	ARTICLE	IF	CITATIONS
1	High thermoelectric performance at room temperature of n-type Mg ₃ Bi ₂ -based materials by Se doping. Journal of Magnesium and Alloys, 2022, 10, 1024-1032.	11.9	18
2	Tuning the carrier scattering mechanism to improve the thermoelectric performance of p-type Mg ₃ Sb _{1.5} Bi _{0.5} -based material by Ge doping. Materials Today Energy, 2022, 25, 100977.	4.7	3
3	Enhanced thermoelectric performance of Hafnium free n-type ZrNiSn half-Heusler alloys by isoelectronic Si substitution. Materials Today Physics, 2022, 24, 100648.	6.0	9
4	Thermoelectric module design to improve lifetime and output power density. Materials Today Physics, 2021, 18, 100391.	6.0	13
5	Enhanced thermoelectric performance of nominal 19-electron half-Heusler compound NbCoSb with intrinsic Nb and Sb vacancies. Materials Today Physics, 2021, 20, 100450.	6.0	16
6	Thermoelectric performance improvement of p-type Mg ₃ Sb ₂ -based materials by Zn and Ag co-doping. Materials Today Physics, 2021, 21, 100564.	6.0	20
7	Enhanced Thermoelectric Performance of Bi ₂ Te _{2.7} Se _{0.3} /Bi ₂ S ₃ Synthesized by Anion Exchange Method. Physica Status Solidi - Rapid Research Letters, 2020, 14, 1900679.	2.4	8
8	Sulfur simultaneously act as pore-forming agent and doping agent to improve the thermoelectric properties of Bi ₂ Te _{2.7} Se _{0.3} . Journal of Alloys and Compounds, 2020, 819, 153384.	5.5	8
9	The enhancement of thermoelectric performance of p-type Li doped Mg ₂ Ge _{0.4} Sn _{0.6} by Si addition. Scripta Materialia, 2019, 166, 122-127.	5.2	12