

Wu Gang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/497135/publications.pdf>

Version: 2024-02-01

14
papers

171
citations

1163117

8
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

96
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimized thermoelectric properties of Bi _{0.48} Sb _{1.52} Te ₃ /BN composites. Journal of Materials Chemistry C, 2022, 10, 3172-3177.	5.5	5
2	A high-efficiency GeTe-based thermoelectric module for low-grade heat recovery. Journal of Materials Chemistry A, 2022, 10, 7677-7683.	10.3	9
3	Sleeping Heart Monitoring Using Hydrogel-Textile Capacitive ECG Electrodes. IEEE Sensors Journal, 2022, 22, 9255-9267.	4.7	12
4	Synergistically Optimized Thermal Conductivity and Carrier Concentration in GeTe by Bi-Se Codoping. ACS Applied Materials & Interfaces, 2022, 14, 14359-14366.	8.0	9
5	Real-Time Plasmonic Imaging of the Compositional Evolution of Single Nanoparticles in Electrochemical Reactions. Nano Letters, 2022, 22, 4383-4391.	9.1	9
6	Synergistic Manipulation of Interdependent Thermoelectric Parameters in SnTe-AgBiTe ₂ Alloys by Mn Doping. ACS Applied Materials & Interfaces, 2022, 14, 29032-29038.	8.0	8
7	Refined band structure plus enhanced phonon scattering realizes thermoelectric performance optimization in Cu-Mn codoped SnTe. Journal of Materials Chemistry A, 2021, 9, 13065-13070.	10.3	30
8	Deformation Monitoring in an Alpine Mining Area in the Tianshan Mountains Based on SBAS-InSAR Technology. Advances in Materials Science and Engineering, 2021, 2021, 1-15.	1.8	14
9	Enhanced Thermoelectric and Mechanical Performances in Sintered Bi _{0.48} Sb _{1.52} Te ₃ -AgSbSe ₂ Composite. ACS Applied Materials & Interfaces, 2021, 13, 24937-24944.	8.0	23
10	Proposal of a New Method for Controlling the Thaw of Permafrost around the China-Russia Crude Oil Pipeline and a Preliminary Study of Its Ventilation Capacity. Water (Switzerland), 2021, 13, 2908.	2.7	7
11	Optimized Thermoelectric Properties of Bi _{0.48} Sb _{1.52} Te ₃ through AgCuTe Doping for Low-Grade Heat Harvesting. ACS Applied Materials & Interfaces, 2021, 13, 57514-57520.	8.0	19
12	Unusually high Seebeck coefficient arising from temperature-dependent carrier concentration in PbSe-AgSbSe ₂ alloys. Journal of Materials Chemistry C, 2021, 9, 17365-17370.	5.5	5
13	Assessment of Freeze-Thaw Hazards and Water Features along the China-Russia Crude Oil Pipeline in Permafrost Regions. Remote Sensing, 2020, 12, 3576.	4.0	15
14	A novel freezing point determination method for oil-contaminated soils based on electrical resistance measurement and its influencing factors. Science of the Total Environment, 2020, 721, 137821.	8.0	6