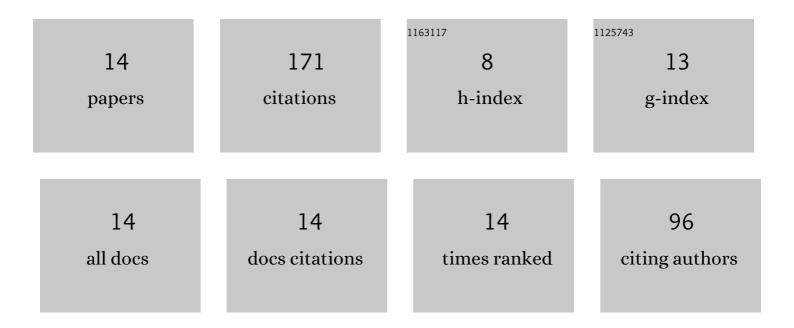
## Wu Gang

## List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Refined band structure plus enhanced phonon scattering realizes thermoelectric performance optimization in Cul–Mn codoped SnTe. Journal of Materials Chemistry A, 2021, 9, 13065-13070.	10.3	30
2	Enhanced Thermoelectric and Mechanical Performances in Sintered Bi <sub>0.48</sub> Sb <sub>1.52</sub> Te <sub>3</sub> –AgSbSe <sub>2</sub> Composite. ACS Applied Materials & Interfaces, 2021, 13, 24937-24944.	8.0	23
3	Optimized Thermoelectric Properties of Bi <sub>0.48</sub> Sb <sub>1.52</sub> Te <sub>3</sub> through AgCuTe Doping for Low-Grade Heat Harvesting. ACS Applied Materials & Interfaces, 2021, 13, 57514-57520.	8.0	19
4	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
5	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
6	Sleeping Heart Monitoring Using Hydrogel-Textile Capacitive ECG Electrodes. IEEE Sensors Journal, 2022, 22, 9255-9267.	4.7	12
7	A high-efficiency GeTe-based thermoelectric module for low-grade heat recovery. Journal of Materials Chemistry A, 2022, 10, 7677-7683.	10.3	9
8	Synergistically Optimized Thermal Conductivity and Carrier Concentration in GeTe by Bi–Se Codoping. ACS Applied Materials & Interfaces, 2022, 14, 14359-14366.	8.0	9
9	Real-Time Plasmonic Imaging of the Compositional Evolution of Single Nanoparticles in Electrochemical Reactions. Nano Letters, 2022, 22, 4383-4391.	9.1	9
10	Synergistic Manipulation of Interdependent Thermoelectric Parameters in SnTe–AgBiTe <sub>2</sub> Alloys by Mn Doping. ACS Applied Materials & Interfaces, 2022, 14, 29032-29038.	8.0	8
11	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
12	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
13	Unusually high Seebeck coefficient arising from temperature-dependent carrier concentration in PbSe–AgSbSe <sub>2</sub> alloys. Journal of Materials Chemistry C, 2021, 9, 17365-17370.	5.5	5
14	Optimized thermoelectric properties of Bi <sub>0.48</sub> Sb <sub>1.52</sub> Te <sub>3</sub> /BN composites. Journal of Materials Chemistry C, 2022, 10, 3172-3177.	5.5	5