

# Yifan Sun

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/521828/publications.pdf>

Version: 2024-02-01

10  
papers

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citations

1684188

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1588992

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10  
docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Heat capacity of liquid transition metals obtained with aerodynamic levitation. Journal of Chemical Thermodynamics, 2022, 171, 106801.	2.0	4
2	Measurement of Doppler broadening of prompt gamma-rays from various zirconium- and ferro-borons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 991, 164964.	1.6	2
3	Novel Method for Surface Tension Measurement: the Drop-Bounce Method. Microgravity Science and Technology, 2021, 33, 1.	1.4	8
4	Multiple-gas cooling method for constant-pressure heat capacity measurement of liquid metals using aerodynamic levitator. Review of Scientific Instruments, 2021, 92, 095102.	1.3	6
5	Mechanical properties and thermal conductivity of (U,Zr)SiO <sub>4</sub> . Journal of Nuclear Materials, 2021, 556, 153160.	2.7	1
6	Thermophysical properties of molten Zr <sub>1-x</sub> O <sub>x</sub> (x=0.1, 0.2) measured by electrostatic levitation. Journal of Nuclear Materials, 2020, 528, 151873.	2.7	12
7	Mechanical and thermal properties of Zr-B and Fe-B alloys. Journal of Nuclear Science and Technology, 2020, 57, 917-925.	1.3	6
8	Thermophysical Properties of Liquid Al-Cu Alloys. International Journal of Thermophysics, 2019, 40, 1.	2.1	3
9	Thermal and Electrical Conductivity of Liquid Al-Si Alloys. International Journal of Thermophysics, 2019, 40, 1.	2.1	8
10	Thermophysical and mechanical properties of CrB and FeB. Journal of Nuclear Science and Technology, 2019, 56, 859-865.	1.3	11