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SHORT OBI

I am now a post-doctor at Macau University of Science and Technology. I am currently measuring the thermal conductivity and thermal diffusivity of minerals and rocks based on the transient plane-source method on a multi-anvil apparatus. My studies focus on understanding the thermal evolution of planetary interiors.

EDUCATION

■ **HEBEI GEO UNIVERSITY** Sep.2014-Jun.2018

- Bachelor’ s degree
- Surveying and Prospecting Technology and Engineering

■ **INSTITUTE OF EARTHQUAKE FORECATING, CEA** Sep.2018-Jun.2021

- Master’s degree
- Structural Geology

■ **UNIVERSITY OF CHINESE ACADEMY OF SCIENCES** Sep.2021-Jan.2025

- Doctoral degree
- Geophysics

PUBLICATIONS (*first author*)

- **Kenan Han**, Duojun Wang*, Ruixin Zhang, et al. (2023) Thermal conductivity and thermal diffusivity of tremolite at high temperature and pressure and implications for the thermal structure of the Venusian lithosphere. Journal of Geophysical Research: Planets, e2022JE007692. https://doi.org/10.1029/2022JE007692.
- **Kenan Han**, Duojun Wang*, Chunjie Cao, et al. (2024) Low thermal conductivity of epidote and its cooling effect on the oceanic crust. Journal of Geophysical Research: Solid Earth, 129, e2024JB029667. https://doi.org/10.1029/2024JB029667.
- **Kenan Han**, Li Yi*, Duojun Wang, et al. (2024). Experimental study on the kinetics of magnesiohornblende dehydration and its implications. American Mineralogist, 109, 502-509 https://doi.org/10.2138/am-2022-8692.
- **Kenan Han**, Li Yi, and Duojun Wang*. (2024). Thermal decomposition kinetics of clinochlore at high temperature and its implications. The Canadian Journal of Mineralogy and Petrology, 62(1), 107-116. https://doi.org/10.3749/2300033.