

## Linqing Huang

Ph.D. candidate, Scripps Institution of Oceanography  
University of California, San Diego  
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### Education

Scripps Institution of Oceanography, UC San Diego -La Jolla, CA, USA 2019-present  
Graduate student in Earth Sciences: Geosciences of the Earth, Oceans, and Planets  
University of Science and Technology of China, Hefei, China 2015-2019  
B.S. in geochemistry

### Scholarships & Awards

Scripps Ph.D. Student Research Grant 2023  
Devendra and Aruna Lal Fellowship 2022-present  
Geological Society of America Graduate Student Research Grant 2021  
Scripps Graduate Fellowship 2019-2020  
Jiuzhang Zhao Scholarship 2018  
Kwang-Huang Scholarship 2017

### Publications

**Huang, L.**, Koffman, B., Munk, L.A., Jenkes, J., Norris, E., Arendt, C., Aarons, S.M., The role of transport and storage on lability and Fe isotopic composition in Fe sources from Southcentral Alaska. *ACS Earth and Space Chemistry*, in prep.

**Huang, L.**, Tissot, F.L., Ibañez-Mejia, M., Aarons, S.M., Stable zirconium isotope variability in the ocean. in prep.

**Huang, L.**, Tissot, F.L., Ibañez-Mejia, M., Forsch K.O., Arendt, C., Choy, C. A., Aarons, S.M., High-precision zirconium isotope analysis of Pacific seawater reveals large mass-dependent fractionations in the ocean. *Geochimica et Cosmochimica Acta*, in review.

Zhang, Y., Wang, Z.; Yang, X., **Huang, L.**, Li, Y., Qin, L., Petrological and Ni-Mo isotopic evidence for the genesis of the Ni-and Mo-sulfide extremely enriched early Cambrian black shale from Southwest China. *Chemical Geology* **2022**, 120812.

Wu, F., Owens, J. D., Scholz, F., **Huang, L.**, Li, S., Riedinger, N., Peterson, L. C., German, C. R., Nielsen, S. G., Sedimentary vanadium isotope signatures in low oxygen marine conditions. *Geochimica et Cosmochimica Acta* **2020**.

## **Conference Presentations**

**Huang, L.**, Tissot, F.L., Ibañez-Mejía, M., Forsch K.O., Arendt, C., Choy, C. A., Aarons, S.M., “High-precision zirconium isotope analysis of Pacific seawater reveals large mass-dependent fractionations in the ocean.” Goldschmidt Conference. July 2023, Lyon (Poster).

**Huang, L.**, Koffman, B., Munk, L.A., Jenkes, J., Norris, E., Arendt, C., Aarons, S.M., “The role of transport and storage on lability and Fe isotopic composition in Fe sources from Southcentral Alaska.” Goldschmidt Conference. July 2022, Honolulu (Poster)

## **Outreach**

SIO Open House Student Host 2023

SIO Geoscience/ Marine Chemistry & Geochemistry seminar Host 2023

## **Research Experience**

**National High Magnetic Field Laboratory (NHMFL), Florida State University** 2018

- Mentor: Dr. Jeremy D. Owens; Dr. Fei Wu
- Vanadium isotopes fingerprinting low oxygen environments

**CAS Key Laboratory of Crust-Mantle Materials and Environments, University of Science and Technology of China, Chinese Academy of Sciences** 2016

- Mentor: Dr. Fang Huang; Dr. Wenhan Cheng
- Anthropogenic impact on iron redistribution in paddy soils

## **Professional Affiliations**

Geological Society of America

## **Laboratory Skills**

Knowledge and operation of ICP-MS, MC-ICPMS, CTD sample collection, clean lab chemistry.