

Biographic Sketches

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Professional Preparation

Arizona State University	Geological Sciences	Ph. D., 2015-2018
Arizona State University	Chemistry	M. S., 2012-2015
China University of Geosciences (Wuhan), P. R. China	Environmental Engineering	B. S., 2005-2009

Publications

1. Chen, X., Romaniello, S.J., Herrmann, A.D., Wasylenki, L.E., and Anbar, A.D. (2016) Uranium isotope fractionation during coprecipitation with aragonite and calcite. *Geochim. Cosmochim. Acta*, **188**, 189-207.
2. Chen, X., Romaniello, S.J., Herrmann, A.D., Hardisty, D., Gill, B.C., and Anbar, A.D. (2018a) Diagenetic effects on uranium isotope fractionation in carbonate sediments from the Bahamas. *Geochim. Cosmochim. Acta*, **237**, 294–311.
3. Chen, X., Romaniello, S.J., Herrmann, A.D., Samankassou, E., and Anbar, A.D. (2018b) Biological effects on uranium isotope fractionation ($^{238}\text{U}/^{235}\text{U}$) in primary biogenic carbonates. *Geochim. Cosmochim. Acta*, **240**, 1–10.
4. Chen, X., Zheng, W., and Anbar, A.D. (2020) Uranium isotope fractionation ($^{238}\text{U}/^{235}\text{U}$) during U(VI) uptake by freshwater plankton. *Environ. Sci. and Technol.* **54**, 2744–2752.
5. Chen X. (2020) Aqueous uranium speciation on U/Ca in foraminiferal calcite: The importance of the minor species— $\text{UO}_2(\text{CO}_3)_2^{2-}$. *ACS Earth and Space Chem.* **4**, 2050–2060.