

## Cindy (Xi) Chen

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## EDUCATION

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PhD candidate in Geochemistry and Cosmochemistry, The University of Chicago,  
2015-present

B.S. in Geochemistry,  
University of Science and Technology of China (USTC), 2011-2015

## PUBLICATIONS

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**Chen, X.**, Tissot, F. L. H., Jansen, M. F., Bekker, A., Liu, C. X., Nie, N. X., ... & Dauphas, N. (2021). Uranium Isotopic Record of Shales and Carbonates Through Geologic Time. *Geochimica et Cosmochimica Acta* (in press).

**Chen, X.**, Wang, W., Zhang, Z., Nie, N. X., & Dauphas, N. (2020). Evidence from Ab initio and transport modeling for diffusion-driven zirconium isotopic fractionation in igneous rocks. *ACS Earth and Space Chemistry*, 4(9), 1572-1595.

F.L.H.Tissot, **C.Chen**, B.M.Go, M.Naziemiec, G.Healy, A.Bekker, P.K.Swart, N.Dauphas (2018). Controls of eustasy and diagenesis on the  $^{238}\text{U}/^{235}\text{U}$  of carbonates and evolution of the seawater ( $^{234}\text{U}/^{238}\text{U}$ ) during the last 1.4 Myr. *Geochimica et Cosmochimica Acta* 242, 233-265

Y.Chen, F.Huang, G-H Shi, F-Y Wu, **X.Chen**, Q-Z Jin, B.Su, S.Guo, K.Sein, T.T.Nyunt (2018). Magnesium Isotope Composition of Subduction Zone Fluids as Constrained by Jadeitites From Myanmar. *Journal of Geophysical Research: Solid Earth*, 123, 9, 7566-7585.

## TEACHING ASSISTANTSHIP

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Global Warming (2015 - 2020)  
Evolution of the Solar System and the Earth (2016 - 2018, 2021)  
Earth as a Planet (2017 - 2019)  
Natural Hazards (2019 - 2020)