



**張曉靜 Xiaojing Zhang**

博士後研究 Postdoctoral Fellow

(2015/05/01 ~ 2018/04/30)

TEL: +886-2-2783-9910

EMAIL: [xjzhang@earth.sinica.edu.tw](mailto:xjzhang@earth.sinica.edu.tw)

**RESEARCH INTERESTS:**

Sediment provenance; heavy mineral analysis; zircon geochronology; Arctic geology; Accretionary belts; orogens and basins

**EDUCATION:**

08.2011 - 09.2015 Ph.D., Department of Geological Sciences, STOCKHOLM  
UNIVERSITY

09.2008 - 06.2011 M.S., Institute of Geology and Geophysics, CHINESE ACADEMY  
OF SCIENCES

09.2004 - 06.2008 B.S., Faculty of Earth Resources, CHINA UNIVERSITY OF  
GEOLOGICAL SCIENCES, WUHAN

**WORKING EXPERIENCES:**

05.2017 - 04.2018 Postdoc, Institute of Earth Sciences, ACADEMIA SINICA

03.2016 - 04.2017 Postdoc, Department of Environmental Sciences, NAGOYA  
UNIVERSITY

09.2015 - 03.2016 Postdoc, Department of Geological Sciences, STOCKHOLM  
UNIVERSITY

**PUBLICATIONS** (First author and representative co-authored papers):

1. **Zhang, X.**, Pease, V., & et al. 2017. Timing of exhumation and deformation across the Taimyr fold and thrust belt: insight from apatite fission track dating and balanced cross-sections. Geological Society, London, Special Publications, In press

2. **Zhang, X.**, Pease, V., Cater, A., & Scott, R. 2017 Reconstructing Palaeozoic & Mesozoic Tectonic Evolution of Novaya Zemlya: Combining Geochronology and Thermochronology. Geological Society, London, Special Publications, In press
3. **Zhang, X.**, Pease, V., Skogseid, J. & Wohlgemuth-Ueberwasser, C. 2016. Reconstruction of tectonic events on the northern Eurasia margin of the Arctic, from U-Pb detrital zircon provenance investigations of late Paleozoic to Mesozoic sandstones in southern Taimyr Peninsula. Geological Society of America Bulletin, 128, 29-46.
4. **Zhang, X.**, Pease, V., Omma, J. & Benedictus, A. 2015. Provenance of Late Carboniferous to Jurassic sandstones for southern Taimyr, Arctic Russia: A comparison of heavy mineral analysis by optical and QEMSCAN methods. Sedimentary Geology, 329: 166-176.
5. **Zhang, X.**, Omma, J., Pease, V. & Scott, R. 2013. Provenance of Late Paleozoic Mesozoic sandstones, Taimyr Peninsular, the Arctic. Geosciences 3, 502-527
6. **Zhang, X.**, Zhang, L., & et al. 2011. Zircon U–Pb age, Hf isotopes and geochemistry of Shuichang Algoma-type banded iron-formation, North China Craton: constraints on the ore-forming age and tectonic setting. Gondwana Research, 20, 137-148
7. **Zhang, X.**, Zhang, L. & et al. 2010. U-Pb ages, geochemical characteristics and their implications of Banlashan molybdenum deposit. Acta Petrologica Sinica, 26, 1411-1422 (in Chinese with English abstract)
8. Pease, V., Drachev, S., Stephenson, R. & **Zhang, X.** 2014. Arctic lithosphere – A review. Tectonophysics, 628, 1-25.
9. Toro, J., Miller, E., Prokopiev, A., **Zhang, X.** & Veselovskiy, R. 2016. Mesozoic orogens of the Arctic from Novaya Zemlya to Alaska. Journal of the Geological Society, 173(6), 989-1006.