



肖媛媛 博士後研究

(2013/8/6 ~ 2014/6/16)

TEL : +886-2-2783-9910

FAX : +886-2-2783-9871

E-mail : xiaoyy@earth.sinica.edu.tw

研究領域：岩石地球化學

### 【學歷】

- 博士，2012，英國杜倫大學（Durham University）地球科學系 導師：牛耀齡，Jon Davidson
- 碩士，2009，西北大學地質系 導師：高山
- 學士，2006，西北大學地質系 地質學基地班 導師：任戰利

### 【經歷】

- 2013 - 2014：中央研究院地球科學所 博士後研究

### 【著作】

#### A. 期刊論文

1. **Xiao, Y.Y.**, Niu, Y.L., Li, H.K., Wang, H.C., Liu, X.M., Davidson, J., Trace element budgets and (re-)distribution during subduction-zone ultrahigh pressure metamorphism: Evidence from Western Tianshan, China, *Chemical Geology*, accepted. (SCI, IF 3.154)
2. **Xiao, Y.**, Niu, Y., Song, S., Davidson, J. & Liu, X., 2013, Elemental responses to subduction-zone metamorphism: Constraints from the North Qilian Mountain, NW China, *Lithos* 160-161, 55-67. (SCI, IF 3.779)
3. **Xiao, Y.**, Lavis, S., Niu, Y., Pearce, J. A., Li, H., Wang, H. & Davidson, J., 2012, Trace-element transport during subduction-zone ultrahigh-pressure metamorphism: Evidence from western Tianshan, China, *Geological Society of America Bulletin* 124, 1113-1129. (SCI, IF 4.286)

4. 肖媛媛,任战利,秦江锋,曾震,2007,山西临县紫金山碱性杂岩 LA-ICP MS 锆石 U-Pb 年龄、地球化学特征及其地质意义:地质论评,53(5): 577-584.
5. 任战利,张盛,高胜利,崔军平,肖媛媛,肖晖,2007,鄂尔多斯盆地构造热演化史及其成藏成矿意义,中国科学(D辑),37(增刊I): 23-32.

#### B. 研討會論文

1. **Xiao, Y.Y.**, Niu, Y.L., Zhang, H.F., Lin, J.Y., Xu, Y.J., 2013, The finding of a titanite-rich zone in omphacite epidosite and its geochemical implication for subduction-zone metamorphism (主题报告), 全国岩石学与地球动力学研讨会, 中国广州, 2013 年 12 月.
2. **Xiao, Y.Y.**, Niu, Y.L., Li, H.K., Wang, H.C., Davidson, J., Liu, X.M.. Trace element redistribution in oceanic crust during subduction-zone metamorphism – Evidence from Western Tianshan, China (oral). *Goldschmidt Conference*, Prague, Czech Republic, August 2011.
3. **Xiao, Y.Y.**, Lavis, S., Niu, Y.L., Pearce, J.A., Li, H.K., Wang, H.C., Davidson, J.. Geochemical consequences of subduction-zone metamorphism: Evidence from ultrahigh pressure metamorphic rocks, Western Tianshan, China (poster). *European Geosciences Union General Assembly*, Vienna, Austria, April 2011.
4. **Xiao, Y.Y.**, Niu, Y.L., Song, S.G., Liu, X.M.. Geochemical responses to subduction-zone metamorphism: Constraints from HP metamorphic rocks, North Qilian Orogenic Belt (口头报告). 全国岩石学与地球动力学研讨会, 中国西安, 2011 年 10 月.
5. 肖媛媛,任战利,秦江锋,曾震. 山西临县紫金山碱性杂岩 LA-ICPMS 锆石 U-Pb 年龄、地球化学特征及其地质意义(口头报告). 全国岩石学与地球动力学研讨会, 中国武汉, 2007 年 11 月.