

师资队伍

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人才荣誉

教学科研人员

客座兼职教授

博士后

人才招聘

教师名称



何艳红

所属部门: 岩矿教研室

职称: 副教授

研究方向: 华北克拉通南缘和西秦岭造山带早-中元古代岩浆活动

电子邮件: he-hk@163.com

一、个人简介

主要教育经历和工作经历 (简明扼要)

- 1997.09~2001.07 西北大学地质学系地质学专业学士;
- 2001.09~2004.07 西北大学地质学系构造地质学专业硕士;
- 2004.12~2008.11 香港大学地球科学系岩石学与地球化学专业博士;
- 2008.12~2009.09 香港大学地球科学系研究助理;
- 2009.10~至今 西北大学地质学系副教授。

本科生课程: 《矿物岩石学》、《晶体光学与岩石学》, 《秦岭造山带-鄂尔多斯盆地实习》; 研究生课程: 《现代地球化学》

二、科研情况

1. 学术论文

1. 何艳红, 孙勇, 陈亮, 李海平, 袁宏林, 柳小明. 陇山杂岩的LA-ICP-MS锆石U-Pb年龄及其地质意义. 岩石学报, 2005, 21(1): 125-134.
2. 何艳红, 陈亮, 孙勇, 李海平. 陇县地区新街片麻岩套锆石年龄及其地质意义. 西北大学学报, 2005, 35(5): 625-632.
3. He Y.H., Zhao G.Z., Sun M., Wilde S.A., 2008. Geochemistry, isotope systematics and petrogenesis of the volcanic rocks in the Zhongtiao Mountain: An alternative interpretation for the evolution of the southern margin of the North China Craton. Lithos, 102, 158-178.

4. He Y.H., Zhao G.C., Sun M., Xia X.P., 2009. SHRIMP and LA-ICP-MS zircon geochronology of the Xiong'er volcanic rocks: implications for the Paleo-Mesoproterozoic evolution of the southern margin of the North China Craton. *Precambrian Research* 168, 213-222.

5. He, Y.H., Zhao, G.C., Sun, M. 2010. Geochemical and isotopic study of the Xiong'er volcanic rocks at the southern margin of the North China Craton: Petrogenesis and tectonic implications. *Journal of Geology* 118, 417-433.

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9. He, Y.H., Zhao, G.C., Sun, M., Xia, X.P., 2008. SHRIMP and LA ICP MS zircon analyses on the Xiong'er volcanic rocks along the southern margin of the North China Craton. *Geochimica et cosmochimica acta*, 72, A360-A360

10. Zhao G.C., He Y.H., Sun M., 2009. The Xiong'er volcanic belt at the southern margin of the North China Craton: Petrographic and geochemical evidence for its outboard position in the Paleo-Mesoproterozoic Columbia Supercontinent. *Gondwana Research*, 16, 170-181.

11. Zhao, G.C., Cawood, P.A., Li, S.Z., Wilde, S.A., Sun, M., Zhang, J., He, Y.H., Yin, C.Q., 2012. Amalgamation of the North China Craton: Key issues and discussion. *Precambrian Research* 222, 55-76.

编辑

地址: 陕西省西安市太白北路229号 邮编: 710069
电话: 029-88302202 传真: 029-88302202
电子邮件: geo_office@nwu.edu.cn
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