

## 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



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**所属部门:** 岩矿教研室, 大陆动力学国家重点实验室

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**研究方向:** 中亚增生型造山带形成过程, 塔里木克拉通的形成与改造过程, 青藏高原中-新生代地壳生长和高原中北部岩石圈热状态, 重大地质事件记录与古环境变迁

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#### 一、个人简介

陕西省“百人计划”特聘教授, 博导

国家“优青”和教育部“青年长江”入选者。2001年毕业于西北大学地质系“基地班”; 2004年获吉林大学地球科学学院矿物学岩石学矿床学专业硕士学位; 2007年获中国科学院广州地球化学研究所地球化学专业博士学位。2007年8月起在中国科学院广州地球化学研究所留所工作, 2015初调入西北大学地质系工作。工作期间曾多次前往香港大学地球科学系和澳大利亚Curtin大学访问。日前主要从事不同类型大陆地壳形成演化和古环境变迁研究。目前共发表SCI论文80余篇, 被引用2500余次, 1篇论文继续入选Web of Knowledge高引用论文。

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SID=4DN3sYfWN2jqJO7S2UE&returnCode=ROUTER.Success&queryString=KG0UuZjN5WlEWrX6hmfM0QZOi1Ni63%252F2fHTIBZI7E%253D&SrcApp=CR&Init=Yes

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#### 二、科研情况

##### 1. 学术论文

主要SCI论文列表:

2018年

- 1) Du, L., Long, X.P.\*, Yuan, C., Zhang, Y.Y., Huang, Z.Y., Wang, X.Y., Yang, Y.H., 2018. Mantle contribution and tectonic transition in the Aqjshan-Yamansu Belt, Eastern Tianshan, NW China: Insights from geochronology and geochemistry of Early Carboniferous to Early Permian felsic intrusions. *Lithos* 304-307, 230-244.
- 2) Du, L., Long, X.P.\*, Yuan, C., Zhang, Y.Y., Huang, Z.Y., Sun, M., Zhao, G.C., Xiao, W.J., 2018. Early Paleozoic dioritic and granitic plutons in the Eastern Tianshan Orogenic Belt, NW China: Constraints on the initiation of a magmatic arc in the southern Central Asian Orogenic Belt. *Journal of Asian Earth Sciences* 153, 139-153.
- 3) Cai, K.D., Long, X.P., Chen, H.Y., Sun, M., Xiao, W.J., 2018. Accretionary and collisional orogenesis in the south domain of the western Central Asian Orogenic Belt (CAOB). *Journal of Asian Earth Sciences* 153, 1-8.
- 4) Wang, X.Y., Yuan, C., Zhang, Y.Y., Long, X.P., Sun, M., Wang L.X., Soldner, J., Lin, Z.F., 2018. S-type granite from the Gongpoquan arc in the Beishan Orogenic Collage, southern Altaids: Implications for the tectonic transition. *Journal of Asian Earth Sciences* 153, 206-222.

5)Huang, X.X., Sun, Y.L., Yue, Y.H., Zhao, S.Q., **Long, X.P.**, 2018. Determination of Rhenium in Geological Samples by Isotope Dilution–Multicollector–Inductively Coupled Plasma–Mass Spectrometry with Novel Chromatographic Separation. *Analytical Letters* 8, 1122–1146.

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9) Bao, W.H., **Long, X.P.**\*, Yuan, C., Sun, M., Zhao, G.C., Wang, Y.J., Guan, Y.L., Zhang, Y.Y., 2017. Paleozoic adakitic rocks in the northern Altyn Tagh, northwest China: Evidence for progressive crustal thickening beneath the Dunhuang Block. *Lithos* 272–273, 1–15.

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11) Zhang, J., Li, J., **Long, X.P.**, Sun, S.L., Yin, L., Dai, M.N., 2017. Rhenium–osmium isotope measurements of geological reference material BIR–1a: Evaluation of homogeneity and implications for method validation and quality control. *Geostandards and Geoanalytical Research* 41, 649–658.

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- 35) Huang, Z.Y., Long, X.P.\*, Kröner, A., Yuan, C., Wang, Y.J., Chen, B., Zhang, Y.Y., 2015. Neoproterozoic granitic gneisses in the Chinese Central Tianshan Block: Implications for tectonic affinity and Precambrian crustal evolution. *Precambrian Research* 269, 73–89.
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- 43) Yin, J.Y., Chen, W., Yuan, C., Yu, S., Xiao, W.J., Long, X.P., Li, J., Sun, J.B., 2015. Petrogenesis of Early Carboniferous adakitic dikes, Sawur region, northern West Junggar, NW China: Implications for geodynamic evolution. *Gondwana Research* 27, 1630-1645.

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2.科研项目

主要负责科研项目列表:

序号	项目名称	项目类别	起止时间
1	大陆地壳形成与演化创新团队	西北大学创新团队	2017.1-今
2	东-西构造带大陆地壳早期演化	大陆动力学国家重点实验室 重点课题	2017.1-今
3	占弧盆体系构造-岩浆演化及弧-盆转换过程	国家, 973项目课题	2011.1-2018.12
4	大陆地壳形成与演化	国家, 自然科学基金优秀项目	2016.1-2018.12
5	塔里木克拉通东部致煌地块米兰岩群岩石地球化学和锆石 U-Pb-Hf-O同位素研究	国家, 自然科学基金面上项目	2014.1-2017.12
6	高原深部岩石圈组成、热状态及演化过程	中科院, 先导专项(B类)子课题	2012.10-2017.10
7	蒙古阿尔泰早古生代地层时代、物源区特征及其与中国阿尔泰的对比研究	国家, 自然科学基金面上项目	2012.1-2015.12

3.学术专著

4.学术会议和学术交流

5.科研奖励

主要科研奖励:

- 1) 2016年获中国矿物岩石地球化学学会“第16届侯德封矿物岩石地球化学青年科学家奖”,
- 2) 2016年入选陕西省中青年科技创新领军人才
- 3) 2015年获张伯声地质科技奖
- 4) 2014年入选“广东特支计划”百千万工程青年拔尖人才
- 5) 2012年“中国科学院”嘉锡青年人才奖”

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