

# 刘磊老师简介



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## 一、基本情况

男，地质学博士，讲师。

## 二、教育背景

2006-2010年南京大学地球科学与工程学院本科，获地质学学士学位；2010-2015年南京大学地球科学与工程学院硕博连读，获地质学博士学位；期间于2014年10-12月在澳大利亚Macquarie University交流访问。

## 三、工作经历

2015年9月起在桂林理工大学地球科学学院任教至今。

## 四、发表论文

1. Liu Lei, Xu Xisheng, Xia Yan, 2016. Asynchronizing paleo-Pacific slab rollback beneath SE China: Insights from the episodic Late Mesozoic volcanism. *Gondwana Research* 37: 397-407.
2. Liu Lei, Xu Xisheng, Xia Yan, 2014. Cretaceous Pacific plate movement beneath SE China: Evidence from episodic volcanism and related intrusions. *Tectonophysics* 614: 170-184.
3. Liu Lei, Xu Xisheng, Zou Haibo, 2012. Episodic eruptions of the Late Mesozoic volcanic sequences in southeastern Zhejiang, SE China: Petrogenesis and implications for the geodynamics of paleo-Pacific subduction. *Lithos* 154: 166-180.
4. 刘磊, 徐夕生, 2011. 大别造山带天柱山中酸性岩起源及地质意义. *高校地质学报*,

17: 136–150.

5. Xia Yan, Xu Xisheng, Liu Lei, 2016. Transition from adakitic to bimodal magmatism induced by the paleo-Pacific plate subduction and slab rollback beneath SE China: Evidence from petrogenesis and tectonic setting of the dike swarms. *Lithos* 244: 182–204.

6. Zhang Xisong, Xu Xisheng, Xia Yan, Liu Lei, 2016. Early Paleozoic intracontinental orogeny and post-orogenic extension in the South China Block: Insights from volcanic rocks. *Journal of Asian Earth Sciences*, in press.

7. Xia Yan, Xu Xisheng, Zhao Guochun, Liu Lei, 2015. Neoproterozoic active continental margin of the Cathaysia block: Evidence from geochronology, geochemistry, and Nd-Hf isotopes of igneous complexes. *Precambrian Research* 269: 195–216.

8. Xia Yan, Xu Xisheng, Zou Haibo, Liu Lei, 2014. Early Paleozoic crust-mantle interaction and lithosphere delamination in South China Block: Evidence from geochronology, geochemistry, and Sr-Nd-Hf isotopes of granites. *Lithos* 184–187: 416–435.

9. Xu Xisheng, Suzuki Kazuhiro, Liu Lei, Wang Dezi, 2010. Petrogenesis and tectonic implications of Late Mesozoic granites in the NE Yangtze Block, China: further insights from the Jiuhuashan-Qingyang complex. *Geological Magazine* 147: 219–232.

## **五、研究方向**

火成岩岩石学，岩石地球化学，同位素地质年代学等。