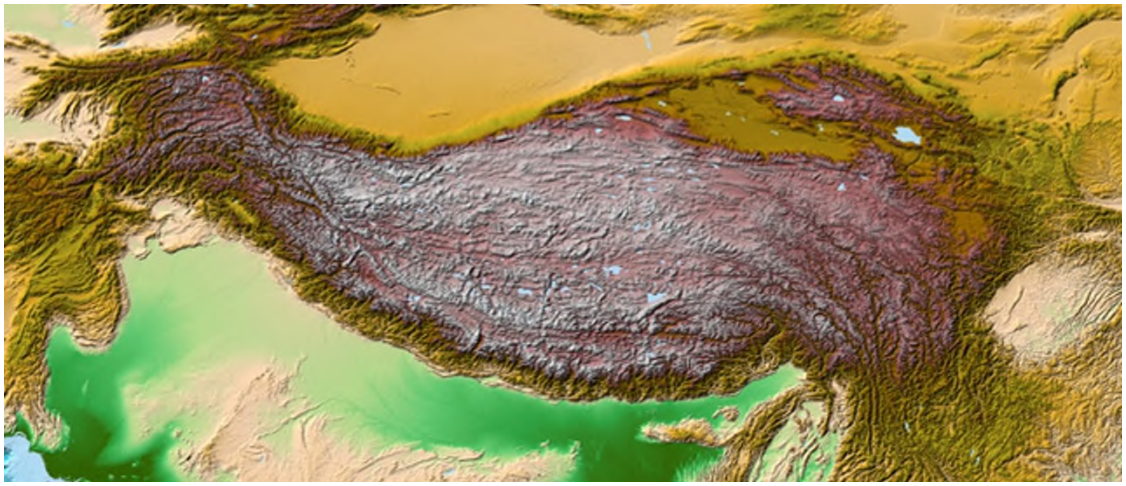
中国地质大学（北京）科学研究院

求真研究群体年度研究成果

（2018 年）



群体名称：大陆汇聚与青藏高原隆升

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2018 年 11 月 20 日

求真研究群体 2018 年度研究成果

2018 年度发表的全部第一作者或通讯作者国际 SCI 论文

【请用*标注通讯作者，同时注明第一作者身份，只列出有页码的论文】

1. He, H.Y., Li, Y.L.*, Wang, C.S., Zhou, A., Qian, X.Y., Zhang, J.W., Du. L.T., Bi, W.J., 2018. Late Cretaceous (ca. 95 Ma) magnesian andesites in the Biluoco area, southern Qiangtang subterrane, central Tibet: Petrogenetic and tectonic implications. Lithos 302- 303, 389- 404.（第一作者为博士生）
2. Li, S.M., Wang, Q., Zhu, D.C.*, Stern, R.J., Cawood, P.A., Sui, Q.L., Zhao, Z.D. 2018. One or two Early Cretaceous arc systems in the Lhasa Terrane, southern Tibet. Journal of Geophysical Research: Solid Earth 123, 3391–3413.（第一作者为博士生）
3. Liu, A.L., Wang, Q.*, Zhu, D.C., Zhao, Z.D., Liu, S.A., Wang, R., Dai, J.G., Zheng, Y.C., Zhang, L.L., 2018. Origin of the ca. 50 Ma Linzizong shoshonitic volcanic rocks in the eastern Gangdese arc, southern Tibet. Lithos 304- 307, 374- 387.（第一作者为博士生）
4. Liu, Z., Zhu, D.C.*, Wang, Q., Eyuboglu, Y., Zhao, Z.D., Liu, S.A., Xu, L.J., 2018. Transition from low-K to high-K calc-alkaline magmatism at approximately 84 Ma in the eastern Pontides (NE Turkey): Magmatic response to slab rollback of the Black Sea. Journal of Geophysical Research: Solid Earth 123, 7604-7628.（第一作者为博士生）
5. Niu, Y.L.*, 2018. Origin of the LLSVPs at the base of the mantle is a consequence of plate tectonics - A petrological and geochemical perspective. Geoscience Frontiers 9, 1265- 1278.（第一作者为群体成员）
6. Niu, Y.L.*, Green, D.H., 2018. The petrological control on the lithosphere-asthenophere boundary (LAB) beneath ocean basins. Earth-Science Reviews 185, 301- 307.（第一作者为群体成员）
7. Wang, Q.*, Zhu, D.C., Liu, A.L., Cawood, P.A., Liu, S.A., Xia, Y., Chen, Y., Wang, H., Zhang, L.L., Zhao, Z.D., 2018. Survival of the Lhasa Terrane during its collision with Asia due to crust-mantle coupling revealed by ca. 114 Ma intrusive rocks in western Tibet. Lithos 304-307, 200- 210.（第一作者为群体成员）

8. Wang, R.*, Weinberg, R.F., Collins, W.J., Richards, J.P., Zhu, D.C., 2018. Origin of post-collisional magmas and formation of porphyry Cu deposits in southern Tibet. Earth-Science Reviews 181, 122–143.（第一作者为群体成员）
9. Yi, J.K., Wang, Q.*, Zhu, D.C., Li, S.M., Liu, S.A., Wang, R., Zhang, L.L., Zhao, Z.D., 2018. Westward-younging high-Mg adakitic magmatism in central Tibet: Record of a westward-migrating lithospheric foundering beneath the Lhasa–Qiangtang collision zone during the Late Cretaceous. Lithos 316- 317, 92- 103.（第一作者为博士生）
10. Zhang, L.*, Wang, C.*, Wignall, P.B., Kluge, T., Wan, X., Wang, Q., Gao, Y., 2018. Deccan volcanism caused coupled pCO_2 and terrestrial temperature rises, and pre-impact extinctions in northern China. Geology 46, 271- 274.（第一作者为群体博士后）