

Peer-reviewed papers

First author or Corresponding author

- Liting Zhang, Zhijun Wang, Yuanchen Liu, Xi Wang, Xiaoyang Xie, **Li Zhang***. [Distribution Pattern and Influencing Factors of Soil Selenium in Northern Hebei Province, China](#). *Geochemistry International*, 2023, 61, 750–767. [pdf](#)
- **Li Zhang***, Zheng Yang, Qiaolin Wang, Fei Guo, Yuntao Song, Wei Han, Min Peng, Fei Liu, Kuo Li, Hangxin Cheng *. [Temporal and spatial accumulation of potentially toxic elements \(PTEs\) in stream sediments from a large lead–zinc mine concentration area of Baoshan, Southwest China](#) . *Journal of Soils and Sediments*, 2022, 22, 2290–2308. [pdf](#)
- **Li Zhang***, Zheng Yang, Min Peng, Xiaomeng Cheng. [Health Risks of Potentially Toxic Elements \(PTEs\) in Soil of Baoshan Area, Southwest China](#). *Applied Sciences Basle*, 2022, 12, 1693. [pdf](#)
- **Li Zhang***, Wei Han, Min Peng, Fei Liu, Yuntao Song, Xiujin Liu, Qiaolin Wang, Kuo Li, Dongjie Zhao, Wei Yang, Hangxin Cheng *. [Geochemical characteristics of rare earth elements \(REEs\) in soils developed on different parent materials in the Baoshan area, Yunnan Province, Southwest China](#). *Geochemistry: Exploration, Environment, Analysis*, 2021, 21: 1. [pdf](#)
- Li Zhang, Jennifer McKinley, Mark Cooper, Min Peng, Qiaolin Wang, Yuntao Song, Hangxin Cheng *. [A regional soil and river sediment geochemical study in Baoshan area, Yunnan province, southwest China](#) . *Journal of Geochemical Exploration*, 2020, 217: 106557. [pdf](#)
- **Li Zhang**, Jennifer McKinley, Mark Cooper, Wei Han, Fei Liu, Yuntao Song, Min Peng, Xiujin Liu, Wei Yang, Hangxin Cheng*. [Transfer processes of potential toxic elements \(PTE\) between rock-soil systems and soil risk evaluation in the Baoshan area, Yunnan Province, Southwest China](#). *Applied Geochemistry*, 2020, 121: 104712. [pdf](#)
- **Li Zhang**, Jingsui Yang*, Fei Liu, Dongyang Lian, Jian Huang, Hui Zhao, Yan Yang. [The South Gongzhucuo peridotite massif: A typical MOR type peridotite in the western Yarlung Zangbo suture zone](#). *Acta Petrologica Sinica*, 2016, (12): 3649-3672. (in Chinese with English abstract) [pdf](#)

Co-author

- Honghong Ma*, Chen Zhao, **Li Zhang**, Zhizhuo Liu, Fugui Zhang, Huiyan Wang, Fei Guo, Shiqi Tang, Zheng Yang, Min Peng. [Bioavailability, Sources, and Transfer Behavior of Heavy Metals in](#)

- Soil–Crop Systems from a High Geological Background Area Impacted by Artisanal Zn Smelting in Guizhou Province, Southwest China*. Processes 2023, 11(9): 2538. pdf
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 - Liting Zhang, Weiming Xie, Wenlong Yu, **Li Zhang**, Shicong Zhang, Xi Wang, Xiaoyang Xie, Hangxin Cheng*. *Distribution and attribute analysis of soil selenium in Hebei Province, China*. Geochemistry Exploration Environment Analysis, 2023, 23 (1): geochem2022-055. pdf
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 - Xiujin Liu*, Ke Yang, Fei Guo, Shiqi Tang, Yinghan Liu, **Li Zhang**, Hangxin Cheng, Fei Liu. *Effects and mechanism of igneous rock on selenium in the tropical soil-rice system in Hainan Province, South China*. China Geology, 2022, 5(1): 1-11. pdf
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 - Dongyang Lian, Jingsui Yang*, Fei Liu, Weiwei Wu, **Li Zhang**, Hui Zhao, Jian Huang. *Geochemistry and tectonic significance of the Gongzhu peridotites in the northern branch of the western Yarlung Zangbo ophiolitic belt, western Tibet*. Mineralogy and Petrology, 2017, 111(5):729-746. pdf
 - Fei Liu, Jingsui Yang*, Dongyang Lian, Hui Zhao, Lan Zhang, **Li Zhang**, Jian Huang. *Genesis and characteristics of the western part of the Yarlung Zangbo ophiolites, Tibet*. Acta Petrologica Sinica, 2015(12): 3609-3628. (in Chinese with English abstract) pdf

Special Issues in international scientific journals

- **Li Zhang**, Jingsui Yang*, Dongyang Lian, Fei Liu, Hui Zhao, Jian Huang, Yan Yang. *Gongzhucuo Massif: An Ever Slightly Depleted Peridotite in the Western YarlungZangbo Ophiolitic Belt of Southern Tibet*. Acta Geologica Sinica (English Edition). 2015, V89(Z2), 117-119. pdf

- Fei Liu*, Jingsui Yang, Yildirim Dilek, Dongyang Lian, Zhiqin Xu, **Li Zhang**, Yanxue Xie, Songyong Chen, Jian Huang. *Tectonic Evolution of the Dongbo Ophiolite in Western Yarlung Zangbo Suture Zone, Xizang (Tibet)*. Acta Geologica Sinica (English Edition), 2016, 90 (s1), 235-235. [pdf](#)
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Patents

- A soil vertical profile sampling device, utility. ZL202122941440.5. **Li Zhang**. Authorized on July 22, 2022 by China National Intellectual Property.
- A lake sediment sampling device. ZL202122860236.0. **Li Zhang**. Authorized on July 22, 2022 by China National Intellectual Property.
- An atmospheric dry and wet deposition receiving device. ZL202123066785.X **Li Zhang**. Authorized on July 22, 2022 by China National Intellectual Property.