

请输入关键字

🏠 首页 ([../..../..../](#)) >> 中文 ([../..../..../](#)) >> 人才库 ([../..../..../](#)) >> 导师简介 ([../..../](#)) >> 资源与生态环境研究所  
([../](#))

## 资源与生态环境研究所



姓名: 李平  
性别: 男  
职称: 副研究员  
职务:  
学历:  
电话:  
传真:  
电子邮件: pli@gia.cas.cn  
所属部门:  
通讯地址:

### 简 历:

李平, 博士, 中国科学院赣江创新研究院硕士生导师, 中科院过程工程所/中科院赣江创新研究院全时双聘人, 中国化工学会无机酸碱盐协会铬盐专家组成员。已主持项目15项, 包括国家自然科学基金项目4项。在Green Chem., ES&T, ACS SusChemEng, JHM等期刊发表论文50余篇。申请/授权中国发明专利30余项。所开发的多项技术已实现工业化应用, 连续化焙烧生产氧化铬绿技术被列入工信部颁布的《铬化合物项目建设规范条件》, 在行业获得推广应用。铬盐生产过程铝钒同步脱除技术于2019年通过石化联合会组织, 韩布兴院士为专家组长的技术鉴定, 鉴定意见为“国际领先”, 建议进一步加快推广应用。

### 研究方向:

战略矿物可持续清洁生产技术

### 代表论著:

1. Wenwen Cui, Xin Zhang\*, Carolyn I. Pearce, Mark H. Engelhard, Hailin Zhang, Yinning Wang, Steve M. Heald, Shili Zheng, Yi Zhang, Sue B. Clark, Ping Li\*, Zheming Wang\*, Kevin M. Rosso\*.

Effect of Cr(III) Adsorption on the Dissolution of Boehmite Nanoparticles in Caustic Solution (<https://pubs.acs.org/doi/10.1021/acs.est.9b07881>). Environmental Science & Technology, 2020, 54(10): 6375-6384.

2. Wenwen Cui, Xin Zhang\*, Carolyn Pearce, Ying Chen, Shuai Zhang, Wen Liu, Mark Engelhard, Meirong Zong, Hailin Zhang, Sihua Zhu, Steve Heald, Micah Prange, De Yoreo James, Shili Zheng, Clark Sue, Ping Li\*, Zheming Wang\*, Kevin Rosso\*. Cr(III) adsorption by cluster formation on boehmite nanoparticles in highly alkaline solution. *Environmental Science & Technology*, 2019, 53(18):11043-11055.
3. Hailin Zhang, Ping Li,\* Zheming Wang, WenWen Cui, Shulei Wang, Shili Zheng and Yi Zhang. Sustainable disposal of Cr(VI): adsorption-reduction strategy for treating textile wastewaters with amino-functionalized boehmite hazardous solid wastes. *ACS Sustainable Chemistry & Engineering*, 2018, 6 (5): 6811–6819.
4. Hongyan Wang, Kai Huang, Yang Zhang, Xin Chen, Wei Jin, Shili Zheng, Yi Zhang, Ping Li\*. Recovery of lithium, nickel and cobalt from spent lithium-ion batteries powders by selective ammonia leaching and adsorption separation system. *ACS Sustainable Chemistry & Engineering*, 2017, 5, 11489-11495.
5. WenWen Cui, Ping Li\*, Zheming Wang, Shili Zheng, and Yi Zhang. Adsorption study of selenium ions from aqueous solution using MgO nanosheets synthesized by ultrasonication method. *Journal of Hazardous Materials*, 2018, 341,268-276.
6. Shulei Wang, Shili Zheng, Zheming Wang, Wenwen Cui, Hailin Zhang, Liangrong Yang, Ping Li\*. Superior lithium adsorption and required magnetic separation behavior of iron-doped lithium ion-sieve. *Chemical Engineering Journal*, 2018, 332: 160-168.
7. Hailin Zhang, Ping Li\*, Zheming Wang, Xin Zhang, Shili Zheng, and Yi Zhang. In situ Synthesis of  $\gamma$ -AlOOH and synchronous adsorption separation of V(V) from highly concentrated Cr(VI) multiplex complex solutions. *ACS Sustainable Chemistry & Engineering*, 2017, 5: 6674-6681.
8. Ping Li, Liu Chuang, Li Zhang, Shili Zheng, Yi Zhang. Enhanced boron adsorption onto synthesized MgO nanosheets by ultrasonic method. *Ultrasonics Sonochemistry*, 2017, 34: 938-946.
9. Ping Li, Shili Zheng, Penghui Qing, Yongan Chen, Yi Zhang. The vanadate adsorption on a mesoporous boehmite and its cleaner production application of chromate. *Green Chemistry*, 2014, 16, 4214-4222.
10. Wenjing Zhang, Ping Li\*, Hongbin Xu, Yi Zhang. Thermal decomposition of ammonium perchlorate in the presence of  $\text{Al}(\text{OH})_3 \times \text{Cr}(\text{OH})_3$  nanoparticles. *Journal of Hazardous Materials*, 2014, 28: 273-280.



中国科学院赣江创新研究院 ©2021 版权所有

京ICP备0500285号 京公网安备110402500047号

地址：江西省赣州市赣县区科学院路1号

编辑部邮箱：ireweb@ire.ac.cn