


资源与环境工程学院教师信息表

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最高学历	研究生	最高学位	博士			
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进修/留学情况	2019.9-2020.9 加拿大滑铁卢大学访学一年					
学术/社会兼职	美国矿物金属与材料学会（TMS）会员、中国有色金属学会会员					
研究领域及研究方向	二次资源综合利用、微波外场冶金、矿物功能材料					
承担科研工作	[1] 磁性含钛矿物复合吸附剂脱除废水中磷污染物的基础及技术研究（LKF2021011），磷资源开发利用教育部工程研究中心，项目负责人					
代表性成果	<p>在国内外期刊发表学术论文 8 篇，获国家授权专利 4 项</p> <p>[1] Han D. Qian G. Ye Q. An easily fabricated nano-hydroxyapatite modified glassy carbon electrode for the degradation of methylene blue[J]. New Journal Chemistry, 2022.46.2405.</p> <p>[2] Ye Q. Peng Z*. Li G*. Liu Y. Liu M. Ye. L. Wang L. Rao M. Jiang T. Rapid microwave-assisted reduction of ferromanganese spinel with biochar: Correlation between phase transformation and heating mechanism[J]. Journal of Cleaner Production, 2021. 286: 124919.</p> <p>[3] Ye Q. Peng Z*. Li G*. Liu Y. Liu M. Ye L. Wang L. Rao M. Jiang T. Zhao B. Catalytic role of sodium carbonate in reduction of ferromanganese spinel[J]. Powder Technology, 2021, 377: 20-28.</p> <p>[4] Ye Q. Li G*. Peng Z*. Augustine R. Pérez M.D. Liu Y. Liu M. Rao M. Zhang Y. Jiang T. Microwave-assisted self-reduction of EAF dust-biochar composite briquettes for</p>					

	<p>production of direct reduced iron[J]. Powder Technology, 2020, 362:781-789.</p> <p>[5] Ye Q. Peng Z*. Li G*. Lee J. Liu Y. Liu M. Wang L. Rao M. Zhang Y. Jiang T. Microwave-assisted reduction of electric arc furnace dust with biochar: An examination of transition of heating mechanism[J]. ACS Sustainable Chemistry Engineering, 2019, 7(10): 9515-9524.</p> <p>[6] Ye Q. Li G*. Peng Z*. Lee J. Lin X. Rao M. Zhang Y. Jiang T. Microwave-assisted self-reduction of composite briquettes of zinc ferrite and carbonaceous materials[J]. Powder technology, 2019, 342:223-232.</p> <p>[7] Ye Q. Li G*. Deng B. Luo J*. Rao M. Peng Z. Zhang Y. Jiang T. Solvent extraction behavior of metal ions and selective separation Sc³⁺ in phosphoric acid medium using P204[J]. Separation and purification technology, 2019, 209: 175-181.</p> <p>[8] Li G. Ye Q. Deng B. Luo J*. Rao M. Peng Z. Jiang T*. Extraction of scandium from scandium-rich material derived from bauxite ore residues[J]. Hydrometallurgy, 2018, 176: 62-68.</p>
其他	