



张立峰，1972年8月出生，冶金与生态工程学院院长、教授、教育部“长江学者”特聘教授、中组部“青年千人”、科技部“中青年科技创新领军人才”。1993年在重庆大学钢铁冶金专业获学士学位，1998年在北京科技大学钢铁冶金专业获博士学位。先后十四年在日本、德国、挪威、美国从事教学科研工作。曾任挪威科技大学教授、密苏里科技大学副教授。主要从事洁净钢与非金属夹杂物和冶金过程数值模拟仿真研究。在国内外发表文章300余篇、专利30余项。目前任稀贵金属绿色回收与提取北京市重点实验室和国际科技合作基地主任、中国金属学会青年工作委员会副主任委员、MMTB和MMTA两刊的Key Reader、ISIJ International国际顾问委员会委员、Metallurgical Research & Technology和Ironmaking and Steelmaking编委，国内《钢铁》、《炼钢》、《连铸》的编委。受邀为60余国际刊物审理稿件。

【在研科研项目】

1. 国家自然科学基金重点项目，冶金法从多晶硅中去除硼和非金属夹杂物的基础研究（51334002），资助额度：300万，起止年月：2014年-2018年
2. 国家自然科学基金面上项目，连铸过程钢水中夹杂物的形核、长大、运动与捕捉的模拟研究（51274034），资助额度：80万，起止年月：2013年-2016年
3. 青岛钢铁公司，项目名称：青钢新品种开发与关键共性技术集成研究（钢全流程洁净化项目），资助额度：260万，起止年月：2014—2016

【代表性学术论文】

- 1 Ying Ren, Lifeng Zhang, Wen Yang, Haojian Duan. Formation Mechanism and Thermodynamics of Mg–Al–Ti–O Complex Inclusions in Mg–Al–Ti–Deoxidized Steel, Metallurgical and Materials Transactions B, Vol.45B, No.6, 2014, pp.2057-2071
- 2 Shengqian Wang, Lifeng Zhang, Anping Dong, Jianwei Gao, Lucas Nana Wiredu Damoah. “Application of Electromagnetic (EM) Separation Technology to Metal Refining Processes: A Review,” Metallurgical and Materials Transactions B, Vol.45B, 2014, No.6, pp. 2153-2185
- 3 Lifeng Zhang, Fei Li. “Investigation on the Fluid Flow and Mixing Phenomena in a Ruhrstahl-Heraeus (RH) Steel Degasser Using Physical Modeling,” JOM, Vol.66, No.7, 2014, pp.1227-1240



Lifeng Zhang, born in 1972, a professor at the school of Metallurgical and Ecological Engineering. He has awarded with Yangtze river scholars Distinguished Professor, The Recruitment Program of Global Youth Experts and National Innovation Young Leader. He received his Bachelor degree of Metallurgical Engineering from Chongqing University in 1993 and Ph.D. degree of Metallurgical Engineering from University of Science and Technology Beijing in 1998. He worked at different universities in Japan, Germany, Norway and USA for 14 years. He was a professor at Norwegian University of Science and Technology and an associate professor at Missouri University of Science and Technology. His research main focuses on clean steel and inclusions and modeling for process metallurgy. He has published over 300 academic papers and been awarded over 30 patents. Currently he is the coordinator of the Beijing Key Laboratory and International Collaboration Base for Green Recycling and Extraction of Metals, is a vice chair for the committee of young metallurgist of Chinese Society of Metals. Current he is a key reader for the journal of *Metallurgical and Materials Transactions A. and B. (USA)*, a member of international advisory board of *ISIJ International* (Japan), an editor of *Metallurgical Research & Technology* (France) and *Ironmaking and Steelmaking* (UK), and an editor for Chinese journals of *Iron and Steel*, *Steelmaking*, and *Continuous Casting*. He has been invited to review papers for over 60 international journals.

【Publications】

- 1 Ying Ren, Lifeng Zhang, Wen Yang, Haojian Duan. Formation Mechanism and Thermodynamics of Mg–Al–Ti–O Complex Inclusions in Mg–Al–Ti–Deoxidized Steel, *Metallurgical and Materials Transactions B*, Vol.45B, No.6, 2014, pp.2057-2071
- 2 Shengqian Wang, Lifeng Zhang, Anping Dong, Jianwei Gao, Lucas Nana Wiredu Damoah. “Application of Electromagnetic (EM) Separation Technology to Metal Refining Processes: A Review,” *Metallurgical and Materials Transactions B*, Vol.45B, 2014, No.6, pp. 2153-2185
- 3 Lifeng Zhang, Fei Li. “Investigation on the Fluid Flow and Mixing Phenomena in a Ruhrstahl-Heraeus (RH) Steel Degasser Using Physical Modeling,” *JOM*, Vol.66, No.7, 2014, pp.1227-1240