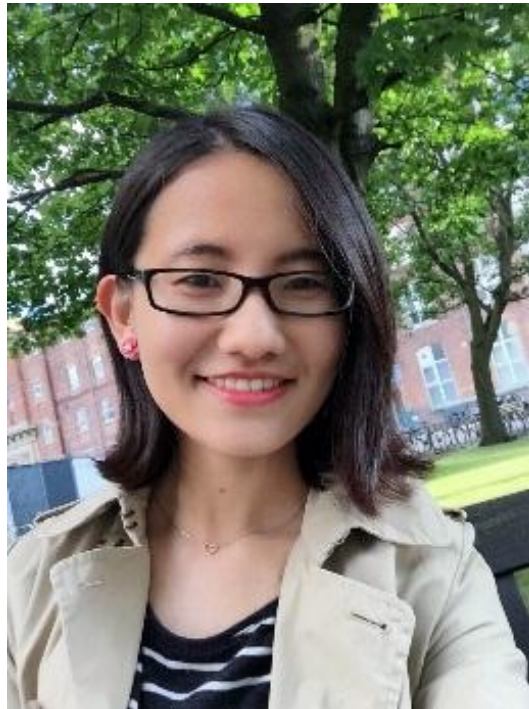


中南大学空间材料研究中心

Dr. Liu Bing



刘竝，女，1989年2月生，湖南长沙人，粉末冶金研究院博士后研究员，2011年6月毕业于中南大学，获得材料科学与工程学士学位，2011年9月至2015年6月在英国曼彻斯特大学攻读材料学博士学位，主要研究近表面变形层对铝合金腐蚀性能的影响。2015年10月至2016年9月在英国曼彻斯特大学腐蚀与防护中心进行博士后研究，主要研究5xxx系铝合金敏化和应力腐蚀开裂。

Liu Bing, female, born in Changsha, Hunan in February 1989. She is the postdoc researcher in the Powder Metallurgy Institute, who graduated from Central South University in September 2011 and obtained the Bachelor's Degree in materials science and engineering. She continued her PhD study at the University of Manchester in United Kingdom, working on the research regarding the impact of the near-surface deformed layer on the corrosion behavior of aluminium alloy. Dr. Liu worked as a research associate at the corrosion and protection centre at the University of Manchester from October 2015 to September 2016, and her research mainly focused on the sensitized 5xxx series aluminium alloy and the stress corrosion cracking caused by sensitization.

代表性论文:

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5. Chromate formed in a Trivalent Chromium Conversion Coating on Aluminium, *Journal of The Electrochemical Society* (In press).