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#### 简历:

郑煜铭, 博士, 研究员, 博士研究生导师。1996年, 进入中国科学技术大学材料与化学科学学院学习; 2001年, 获得应用化学学士学位; 同年, 取得免试硕博连读研究生资格, 师从俞汉青教授; 2006年, 获得环境工程博士学位; 2006年9月至2012年3月, 先后在新加坡国立大学(National University of Singapore)工程学院环境科学与工程系、市政与环境工程系从事研究工作(Research Fellow, Senior Research Fellow); 2012年入选中国科学院“百人计划”, 任城市环境研究所研究员、博士生导师。

研究工作围绕“水质净化技术与功能材料”展开, 主要涉及水处理吸附与膜分离功能材料、电化学絮凝、高级氧化过程、船舶压载水处理技术和水处理好氧微生物颗粒化技术等。在国外SCI源刊物上发表论文20多篇, 申请发明专利6项, 3项获得授权。

#### 研究领域:

吸附与膜分离技术、水质净化功能材料、电化学水处理技术

#### 社会任职:

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“上海同济高廷耀环保科技发展基金会”第二届“青年博士杰出人才奖学金”, 2005  
中国科技大学优秀毕业生, 2006  
安徽省普通高等学校品学兼优毕业生, 2006

#### 代表论著:

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15. Lim, S.F., Zheng, Y.M., Zou, S.W.; Chen, J.P. Characterization of copper adsorption onto an alginate encapsulated magnetic sorbent by a combined FT-IR, XPS, and mathematical modeling study, Environmental Science & Technology, 2008, 42, 2551-2556.

承担科研项目情况：



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