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导师简介：

教育背景：

1983.9-1987.7江西工业大学无机化工，学士
1987.9-1990.7中国科学院化工冶金研究所化工冶金，硕士
1993.9-1996.7华南理工大学工业催化，博士

工作经历：

1996.7-2003.12 华南理工大学化工学院，讲师，副教授
2001.2-2002.2南非金山大学，化学系，访问学者
2004.1-2012.12华南理工大学环境科学与工程学院，副教授，教授
2008.4-2008.8美国新泽西州立罗格斯大学，环境科学系，访问学者
2013.1- 至今华南理工大学环境与能源学院，教授

研究方向：

大气污染物催化净化技术，新型环境功能材料的研究和开发，固定源燃煤烟气脱硝技术的研究和开发

承担项目：

1. 高抗硫抗水性低温脱硝催化剂的结构设计和反应机制研究，国家自然科学基金，2015-2018；

2. 低温菱沸石催化剂脱硝技术的研究开发，广东省科技计划项目，2015-2017；

学术成果：

1.Chenglong Yu，Bichun Huang*，Lifu Dong，Feng Chen，Xiaoqing Liu. In situ FT-IR study of Highly dispersed MnOx/SAPO-34 catalyst for low-temperature selective catalytic reduction of NOx by NH_3, Catalysis Today, 2017, 281:610~620

2. Chenglong Yu，Bichun Huang*，Lifu Dong，Feng Chen，Yue Yang，Yinming Fan，Yingxin Yang，Xiaoqing Liu，Xinnan Wang. Effect of Pr/Ce addition on the catalytic performance and SO_2 resistance of highly dispersed MnOx/SAPO-34 catalyst for NH_3-SCR at low temperature. Chemical Engineering Journal, 2017, 316:1059~1068

3. Chenglong Yu，Feng Chen，Lifu Dong，Xiaoqing Liu，Bichun Huang*，Xinnan Wang，Shengbang Zhong. Manganese-rich MnSAPO-34 molecular sieves as an efficient catalyst for the selective catalytic reduction of NOx with NH_3: one-pot synthesis, catalytic performance, and characterization. Environmental Science and Pollution Research, 2017,1~12

4. Chenglong Yu，Lifu Dong，Feng Chen，Bichun Huang*. Low temperature SCR of NOx by NH_3 over MnOx/SAPO-34 prepared by two different methods: A comparative study. Environmental Technology, 2017,38: 1030-1042

5. Yu, Chenglong; Wang, Lishan;Huang, Bichun*. In Situ DRIFTS Study of the Low Temperature Selective Catalytic Reduction of NO with NH_3 over MnOx Supported on Multi-Walled Carbon Nanotubes Catalysts. Aerosol and Air Quality Research, 2015,15: 1017-1027

6. Siwei Pan; Hongcheng Luo; Li Li; Zhengle Wei;Bichun Huang*. H_2O and SO_2deactivation mechanism of MnO_x/MWCNTs for low-temperature SCR of $NO_x$with NH_3. Journal of Molecular Catalysis A: Chemical, 2013, 377: 154-161

7.Lishan Wang;Bichun Huang*; Yanxia Su; Guangying Zhou; Keliang Wang; Hongcheng Luo; Daiqi Ye. Manganese oxides supported on multi-walled carbon nanotubes for selective catalytic reduction of NO with NH_3: Catalytic activity and characterization. Chemical Engineering Journal, 2012,192: 232-241

8. Wang, Keliang;Huang, Bichun*; Liu, Dongmei; Ye, Daiqi. Ordered mesoporous carbons with various pore sizes: Preparation and naphthalene adsorption performance. Journal of Applied Polymer Science. 2012,125: 3368-3375