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教育经历:

- (1) 2005-09 至 2009-07, 南华大学, 建筑环境与设备工程, 学士
- (2) 2009-09 至 2015-12, 湖南大学, 供热、供燃气、通风及空调工程, 博士
- (3) 2013-09 至 2014-09, Concordia University, Building Engineering, 国家公派联合培养博士研究生

科研与学术工作经历:

- (1) 2015-12 至 2019-12, 南昌大学, 建筑工程学院, 讲师
 - (2) 2020-01 至 2021-12, 南昌大学, 建筑工程学院, 副教授
 - (3) 2022-01 至 至今, 南昌大学, 工程建设学院, 副教授
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代表性科研项目/课题(限5项):

- (1) 国家自然科学基金项目(51708271), 夏热冬冷地区整体建筑热湿耦合传递一体化研究, 2018-01-01 至 2020-12-31, 主持
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代表性科研成果(限10项):

- (1) Xiangwei Liu, Mingyu Hu, Shujun Ke, Chao Fu, Xingguo Guo, Xiaochun Ye. A novel rammed earthen material stabilized with steel slags[J], Construction and Building Materials, 2018, 189(2018): 1134-1139
- (2) Xiangwei Liu, Youming Chen, Hua Ge, Paul Fazio, Guojie Chen. Numerical investigation for thermal performance of exterior walls of residential buildings with moisture transfer in hot summer and cold winter zone of China[J], Energy and Buildings, 2015, 93: 259-268
- (3) Xiangwei Liu, Youming Chen, Hua Ge, Paul Fazio, Guojie Chen, Xingguo Guo. Determination of optimum insulation thickness for building walls with moisture transfer in hot summer and cold winter zone of China[J], Energy and Buildings, 2015, 109: 361-368
- (4) GuoXing-guo, WangJia, WuYue, AoYu-qiang, LiuXiang-wei*. Experimental Study of the Thermal Performance of a New Type of Building Reflective Coating in Hot Summer and Cold Winter Zone of China, Procedia Engineering, 2017, 205, 603-608
- (5) GuoXing-guo, LuoHongtao, ZhangJingxin, LiuXiang-wei*, ChenGuo-jie. Sensitivity Analysis applied to Hygrothermal Simulation of a Brick Building in Hot and Humid Climate, Procedia Engineering, 2017, 205, 665-671;
- (6) Xiangwei Liu, Ying Liu, Xingguo Guo, Na Luo, Guojie Chen. Effect of Uncertainty in the Hygrothermal Properties on Hygrothermal Modeling, Environmental Science and Engineering,

2020, 461-470

- (7) Xingguo Guo, Shiwei He, Yue Wu, Ying Liu, Xiangwei Liu*. Study on the Optimization Wall Structure in Hot and Humid Climate Region Based on Analytic Hierarchy Process, Environmental Science and Engineering, 2020, 211-219
- (8) 刘向伟,陈国杰,陈友明. 墙体热、湿及空气耦合传递非稳态模型及验证, 湖南大学学报(自然科学版), 2016, 43(01): 152-156
- (9) 刘向伟,郭兴国,陈国杰,陈友明,罗娜. 建筑外墙最佳保温厚度及环境影响研究, 湖南大学学报(自然科学版), 2017, 44(9): 182-187
- (10) 郭兴国,刘英,罗鸿韬,刘向伟*,陈国杰. 热湿气候地区墙体热湿耦合迁移模型热湿物性参数灵敏度分析, 建筑科学, 2019, 35(04), 66-69
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