

Zhe Zhou

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Education

2016.08-2016.12 Department of Civil, Environmental, and Geo-Engineering
University of Minnesota, Minneapolis, MN

2013-2017 School of Environmental Science and Technology
Dalian University of Technology, China
GPA 87.2/100 (3.72/5.0) Ranking 6/65

Undergraduate Experience

2014-2016 Undergraduate Innovation Training Program, member

Thesis: A study of Cu-based catalysts for promoting ammoxidation

I. Catalysts Structures

- i. Relationship between the activity of Cu₂O catalysts and their structures.

II. Catalysts Properties

- i. Relationship between the activity of CuO@CeO₂ composite catalysts and load capacity of Ce.
- ii. Comparing the activity of two composite catalysts: CuO@CeO₂ and Cu₂O@CeO.

2015 Summer Internship, Municipal Wastewater Treatment Plant

2017 Summer Internship, Municipal Wastewater Treatment Plant
Sludge Treatment Plant

Interests

Contaminants remediation by catalysis and membrane technology.

Lab works and field works.

Awards

Undergraduate Innovation and Entrepreneurship Training Program Certificate

Learning Excellence Award in the academic year 2013-2014

Learning Excellence Award in the academic year 2014-2015

Learning Excellence Award in the academic year 2015-2016

Learning Excellence Award in the academic year 2016-2017

Excellent Graduates in the year of 2017