

Haoze Wang

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EDUCATION

Zhejiang University (Hangzhou, China) Bachelor of Science in Chemistry	09/2013-06/2017
The University of Utah (Utah, United States) Visiting Student Researcher	03/2015-09/2015
University of California, Berkeley (California, United States) Ph.D. Student in Chemistry	08/2017-present

RESEARCH EXPERIENCE

The University of Utah Advisor: Professor Peter J. Stang	03/2015-09/2015
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1. A Suite of Tetraphenylethylene-Based Discrete Organoplatinum(II) Metallacycles: Controllable Structure and Stoichiometry, Aggregation-Induced Emission, and Nitroaromatics Sensing
2. Synthesis of Thermosensitive Amphiphilic Metallacycles with Tunable Lower Critical Solution Temperature (LCST) Behaviors and Aggregation-Induced Emission (AIE) Characteristics
3. Synthesis of Difluoroboron Decorated Metallacycles based on Supramolecular Coordination Complexes (SCCs) Platforms

Zhejiang University Advisor: Professor Feihe Huang	06/2014-06/2017
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1. Taco Complex-Templated Highly Regio- and Stereo-Selective Photodimerization of a Coumarin-Containing Crown Ether
2. $[n]$ Pseudorotaxanes Constructed by a Bis(p-phenylene)-34-crown-10-based Cryptand: Different Binding Behaviors Induced by Minor Structural Changes of Guests

AWARDS & SCHOLARSHIP

The First-Class Scholarship for Elite Students in Basic Sciences, Zhejiang University	2014&2015&2016
Excellent Student Awards, Zhejiang University	2014&2015&2016
The First-Class Scholarship for Outstanding Students, Zhejiang University	2016
Scholarship for Innovation, Zhejiang University	2015

PUBLICATIONS

1. Yan, X.*; **Wang, H.**; Hauke, C. E.; Cook, T. R.; Wang, M.; Saha, M.; Zhou, Z.; Zhang, M.; Li, X.; Huang, F.*; Stang, P. J.* "A Suite of Tetraphenylethylene-Based Discrete Organoplatinum(II) Metallacycles: Controllable Structure and Stoichiometry, Aggregation-Induced Emission, and Nitroaromatics Sensing" *J. Am. Chem. Soc.* **2015**, *137*, 15276–15286.
2. **Wang, H.**; Wei, P.*; Yan, X.* "[n]Pseudorotaxanes Constructed by a Bis(p-phenylene)-34-crown-10-based Cryptand: Different Binding Behaviors Induced by Minor Structural Changes of Guests" *RSC Adv.* **2015**, *5*, 38906–38909.
3. Wei, P.; **Wang, H.**; Jie, K.; Huang, F.* "Taco Complex-Templated Highly Regio- and Stereo-Selective Photodimerization of a Coumarin-Containing Crown Ether" *Chem. Commun.* **2017**, *53*, 1688–1691.