

# Curriculum Vitae

## PERSONAL

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Name: Jiaxin He (何嘉欣)

Birth: June 1999

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## EDUCATIONAL EXPERIENCES

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9/2017-6/2021                      B.S., Fujian Agriculture and Forestry University                      Fuzhou, China

- Keeping a variety of insects such as *Brontispa longissima* and Diamondback moth and *Sogatella furcifera* (Horváth) and growing plants such as *Murraya exotica* L. and *Oryza sativa* L.
- Detection of Citrus Huanglongbing by molecular technology
- Detection of *Plutella xylostella* resistance to pesticides
- Data Analysis with SPSS

9/2022 -7/2024                      M.S., The Chinese University of Hong Kong, Shenzhen                      Shenzhen, China

- Preparation of single-atom catalysts by hydrothermal method
- Electrochemical catalyst and Electrochemical test
- Using ionic liquid-based cross-linked polymers as porous carriers

9/2024 -NOW    Ph.D., The Hong Kong University of Science and Technology (Guang Zhou)    Guangzhou, China

- Electrochemical synthesis of conjugated microporous polymer membranes
- Gas separation

## PUBLICATIONS

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- Yanjie Wu #, **Jiaxin He** #. Ultrastable Phase-Engineered Metal-Organic Framework-Based Ruthenium Single-Atom Catalysts for HER electrocatalysis (submitted)
- Yanjie Wu #, **Jiaxin He** #, Xiaodong Li. Phase-Engineered Metal-Organic Framework-anchoring Titanium Single-Atom Catalysts for (Trans)esterification and Biodiesel Synthesis (submitted)