

ZHOU Jian

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Education

Hong Kong Baptist University & Southern University of Science and Technology

Sep 2019 - Oct 2023

- Doctor of Philosophy in asymmetric catalysis (Supervisor: Prof. WANG & Jun Prof. LEE Chi Sing)

Guizhou University (project 211)

Sep 2015 - July 2018

- Master degree in pesticide (Supervisor: Prof. YANG Song)

Sep 2011 - July 2015

- Bachelor degree in chemistry

Work Experience

Professor Wang Jun's Group

Aug 2024 – present

- Jockey Club Global STEM Post-doctoral Fellow

Oct 2023 – Aug 2024

- Post-Doctoral Research Fellow

Professor XU Jing's Group

July 2018 - March 2019

- Research associate

Publication

1. **Zhou, J.**; Meng, L.; Yang, Z. Y.; Wang, J. Enantio- and Regioselective Cascade Hydroboration of Methylene cyclopropanes for Facile Access to Chiral 1,3- and 1,4-Bis(boronates). *Adv. Sci.* **2023**, *11*, 2400096.

2. **Zhou, J.**⁺; Meng, L.⁺; Lin, S. J.; Cai, B. H.; Wang, J. Palladium-catalyzed Enantioselective and Regioselective Ring Opening Hydrophosphinylation of Methylene cyclopropanes. *Angew. Chem. Int. Ed.* **2023**, doi.org/10.1002/anie.202303727.

3. **Zhou, J.**; Yang, Q.; Lee, C. S.; Wang, J. Enantio- and Regioselective Construction of 1,4-Diamines via Cascade Hydroamination of Methylene Cyclopropanes. *Angew. Chem. Int. Ed.* **2022**, *61*, e202202160.

4. Cai, B.⁺; Cui, Y.⁺; **Zhou, J.**; Wang, Y. B.; Yang, L.; Tan, B.; Wang, J. Asymmetric Hydrophosphinylation of Alkynes: Facile Access to Axially Chiral Styrene-Phosphines. *Angew. Chem. Int. Ed.* **2023**, *62*, e202215820.

5. Yang, Q.; **Zhou, J.**; Wang, J. Enantioselective Copper-Catalyzed Hydrophosphination of Alkenyl Isoquinolines. *Chem. Sci.* **2023**, *14*, 4413-4417.

Award

- 2018 “Outstanding Graduate” in Guizhou Province
- 2022-2023 Prof. Jerry W. Barrett Scholarship
- 2025 Lectureship Award under the “Junior Asian Core Programme”