

CURRICULUM VITAE

Personal

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Education

2016–2022 Ph.D., Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences.
(Advisor: Prof. Tian-Sheng Mei)
2012–2016 B.S. course, Zhejiang University of Technology (China)

Research and Professional Experience

2022–present Postdoctoral Fellow
Graduate School of Pharmaceutical Sciences, Kyoto University
(Advisor: Prof. Keiji Maruoka and Dr. Akira Matsumoto)

List of Publications

Original Papers

1. Jiao, K.-J.; Ma, C.; Liu, D.; **Qiu, H.**; Cheng, B.; Mei, T.-S. Nickel-catalyzed electrochemical reductive relay cross-coupling of alkyl halides with alkyl carboxylic acids. *Org. Chem. Front.* **2021**, *8*, 6603.
2. Ma, C.; Fang, P.; Liu, D.; Jiao, K.-J.; Gao, P.-S.; **Qiu, H.**; Mei, T.-S. Transition metal-catalyzed organic reactions in undivided electrochemical cells. *Chem. Sci.* **2021**, *12*, 12866.
3. **Qiu, H.**; Shuai, B.; Wang, Y.-Z.; Liu, D.; Chen, Y.-G.; Gao, P.-S.; Ma, H.-X.; Chen, S.; Mei, T.-S. Enantioselective Ni-Catalyzed Electrochemical Synthesis of Biaryl Atropisomers. *J. Am. Chem. Soc.* **2020**, *142*, 9872.
4. Jiao, K.-J.; Liu, D.; Ma, H.-X.; **Qiu, H.**; Fang, P.; Mei, T.-S. Nickel-Catalyzed Electrochemical Reductive Relay Cross-Coupling of Alkyl Halides to Aryl Halides. *Angew. Chem., Int. Ed.* **2020**, *59*, 6520.
5. Shuai, B.; Li, Z.-M.; **Qiu, H.**; Fang, P.; Mei, T.-S. Nickel-Catalyzed Negishi Coupling of Cyclobutanone Oxime Esters with Aryl Zinc Reagents. *Chin. J. Org. Chem.* **2020**, *40*, 651.
6. Jiao, K.-J.; Xing, Y.-K.; Yang, Q.-L.; **Qiu, H.**; Mei, T.-S. Site-Selective C–H Functionalization via Synergistic Use of Electrochemistry and Transition Metal Catalysis. *Acc. Chem. Res.* **2020**, *53*, 300.
7. Zhao, C.-Q.; Chen, Y.-G.; **Qiu, H.**; Wei, L.; Fang, P.; Mei, T.-S. Water as a Hydrogenating Agent: Stereodivergent Pd-Catalyzed Semihydrogenation of Alkynes. *Org. Lett.* **2019**, *21*, 1412.

8. Chen, Y.-G.; Shuai, B.; Xu, X.-T.; Li, Y.-Q.; Yang, Q.-L.; **Qiu, H.**; Zhang, K.; Fang, P.; Mei, T.-S. Nickel-catalyzed Enantioselective Hydroarylation and Hydroalkenylation of Styrenes. *J. Am. Chem. Soc.* **2019**, *141*, 3395.