CV

Personal profile

- Name：Hao Ding
- Birthday：20th Jan. 1997
- Hometown：Gaoan, Jiangxi province, China
- E-mail：hao.ding@mail.huji.ac.il

Education background

- The Hebrew University of Jerusalem, PhD candidate, July 2022 – present

  Supervisor: Zackaria Nairoukh

- Jiangxi Normal University, master degree, Sep. 2018 – June 2020

  Supervisor: Qiuping Ding

- Sun-Yet Sen University, exchange student, Feb. 2019 – Jan. 2020

  Supervisor: Yong Luo

Working experience

- Aug. 2020 – Nov. 2021 Jiangxi University of Technology High School

  International Department IGCES/A-level Chemistry Teacher

- Dec. 2021 – June. 2022 Shanghai JiaoTong University

  Frontiers Science Center for Transformative Molecules Research Assistant

  Supervisor: Shan Tang

Research experience

1. Used iodine as catalyst to realize the tandem cyclization reaction of 1,3-conjugated enyne and fluorine-containing reagents or other nucleophiles to construct heterocycles with different functional

groups

Based on 1,3-conjugated enyninone, used iodine as Lewis acid catalysis and $AgSCF_3$, CuCN, $TMSN_3$ as nucleophile to synthesize furan heterocyclic compounds containing sulfur trifluoromethyl, cyano, and azide.

2. Visible light-induced reaction of sulfonamide and boric acid to form sulfone and ester

   Under visible light, it selectively breaks the N-S bond of N-Ts substituted sulfonamide, and cross-coupling with phenylboronic acid to selectively synthesize sulfones and esters.

Award

- Jun. 2020 Jiangxi province graduate student scholarship
- Nov. 2017 Outstanding graduates in Jiangxi Normal University
- Mar. 2017 The Ming De Scholarship
- Sep. 2016 First Class Scholarship in Jiangxi Normal University
- Sep. 2015/2017 Second Class Scholarship in Jiangxi Normal University

Publications

1. Y. Luo*, **H. Ding**, J-S. Zhen, X. Du, X-H. Xu, H. Yuan, Y-H. Li, W-Y. Qi, B-Z. Liu, S-M. Lu, C. Xue*, Q. Ding*. Catalyst-free arylation of sulfonamides via visible light-mediated deamination. *Chem. Sci.* **2021**, *12*, 9556.
2. **H. Ding**, W-Y. Qi, J-S. Zhen, Q. Ding*, Y. Luo*. Vsible light-mediated transition metal free esterification of amides with boronic acides. *Tetrahedron Letter* **2020**, *61*, 152444.
3. M. Chen, Y. Li, H. Tang, **H. Ding**, K. Wang, L. Yang, C. Li, M. Gao*, A. Lei*. Bu_4NI-catalyzed oxygen-centered radical addition between acyl peroxides and isocyanides. *Org. Lett.* **2017**, *19*, 3147.

Skill certificates

1. CET-6 (526)
2. Teacher Qualification (chemistry in high school)
3. National computer rank examination second level (NCR) (MS office)
4. National proficiency Test of Putonghua (Mandarin secondary-level certificate)