

Zilu Tang

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College of Chemistry and Molecular Sciences Wuhan University
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Education

- **B.S.** College of Chemistry and Molecular Sciences, Wuhan University
September 2014 – present

Research

Institution

- Prof. Aiwen Lei's Group, Green catalysis institution, Wuhan University
October 2014 - present

Area of research

- Transition-metal-catalyzed oxidative coupling reactions, C-H bond functionalization
- Visible-light mediated photocatalysis.

Instuments handled

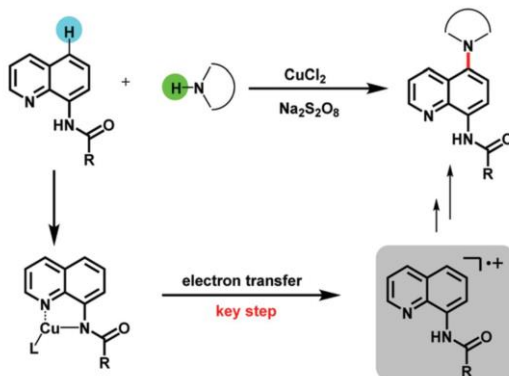
- 300 MHz NMR spectrometer
- GC, GC-MS and LC-MS

Data analysis

- Experience of interpreting ^1H , ^{13}C , HMQC NMR spectroscopy
- Experience of interpreting LC-MS, GC and GC-MS spectroscopy

Publications

- H. Yi.; H. Chen.; C.-L. Bian.; **Z.-L. Tang.**; A. Singh.; X.-T. Qi.; X.-Y. Yue.; Y. Lan.; J.-F. Lee.; and A.-W. Lei.; Coordination strategy-induced selective C–H amination of 8-aminoquinolines, *Chem. Commun.*, **2017**,53, 6736-6739



- H. Yi.; **Z.-L. Tang.**; C.-L. Bian.; H. Chen.; X.-T. Qi.; X.-Y. Yue.; Y. Lan.; J.-F. Lee.; and A.-W. Lei.; Oxidation-induced C–H amination leads to a new avenue to build C–N bonds, *Chem. Commun.*, **2017**,53, 8984-8987

