



Lei Gong

Professor

College of Chemistry and Chemical Engineering
Xiamen University

Xiamen, 361005, P. R. China

Tel: +86-19650165462

E-mail: gongl@xmu.edu.cn

Homepage: chem.xmu.edu.cn/info/1415/5188.htm

Current research interests

Photochemical synthesis, Asymmetric catalysis, Organometallic chemistry.

Education

2002-2008: Ph.D (with Prof. Haiping Xia), Organometallic Chemistry, Xiamen University, China

1998-2002: BSc, Material Science, Xiamen University, China.

Academic career

2019-present: Professor, Xiamen University, China

2011-2019: Associate Professor, Xiamen University, China

2008-2011: Postdoctoral Researcher (with Prof. Eric Meggers), Philipps-Universität Marburg, Germany.

Awards

Asian Core Program Lectureship Award, **2023**

Thieme Chemistry Journals Award, **2021**

National Youth Talent Support Program, **2020**

Science Foundation of the Fujian Province for Distinguished Young Scholars, **2017**.

Selected publications

1. Chi, Z.; Liao, J.-B.; Cheng, X.; Ye, Z.; Yuan, W.; Lin, Y.-M.; Gong, L.* *J. Am. Chem. Soc.* **2024**, *146*, 10857.
2. Ye, Z.; Yu, Y.; Lin, Y.-M.; Chen, Y.; Song, S.; Gong, L.* *Nat. Synth.* **2023**, *2*, 766.
3. Song, L.; Cai, L.; Gong, L.*; Eycken, Van der. E. V.* *Chem. Soc. Rev.* **2023**, *52*, 2358.
4. Li, Q.-Y.; Cheng, S.-Y.; Ye, Z.; Huang, T.; Yang, F.; Lin, Y.-M.*; Gong, L.* *Nat. Commun.* **2023**, *14*, 6366.
5. Gong, L.* *Nat. Synth.* **2022**, *1*, 915.
6. Li, Y.; Ye, Z.; Lin, Y.-M.; Liu, Y.; Zhang, Y.; Gong, L.* *Nat. Commun.* **2021**, *12*, 2894.
7. Cao, S.; Hong, W.; Ye, Z.; Gong, L.* *Nat. Commun.* **2021**, *12*, 2377.
8. Li, Y.; Lei, M.; Gong, L.* *Nat. Catal.* **2019**, *2*, 1016.
9. Li, Y.; Zhou, K.; Wen, Z.; Cao, S.; Shen, X.; Lei, M.; Gong, L.* *J. Am. Chem. Soc.* **2018**, *140*, 15850.
10. Lin, X.; Yuan, R.; Cao, Y.; Ding, X.; Cai, S.; Han, B.; Hong, Y.; Zhou, Z.; Yang, X.; Gong, L.*; Zheng, M.*; Dong, Q.* *Chem*, **2018**, *4*, 2685.

Summary

Lei Gong is currently a full professor at Xiamen University in China. He earned his B.Sc. in 2002 and his Ph.D. in 2008 from the same university, working under the mentorship of Professor Haiping Xia. Following his doctoral studies, he pursued a postdoctoral fellowship at Philipps-Universität Marburg in Germany, where he collaborated with Professor Eric Meggers. In 2011, he returned to Xiamen University as an associate professor and has been a full professor there since 2019.

Lei Gong was honored with several prestigious awards, including the Thieme Chemistry Journals Award in 2021, the Asian Core Program Lectureship Award in 2023, and the National Youth Talent Support Program in 2020. His research is focused on developing economically viable and environmentally friendly methods for photochemical organic synthesis, with a special emphasis on photocatalyzed C–H functionalization and asymmetric photocatalysis. To date, he has published over 80 papers in high-impact journals, such as *Nat. Catal.*, *Nat. Synth.* (2), *Nat. Commun.* (5), *JACS* (5), *ACIE* (5), *Chem. Soc. Rev.*, and *Acc. Chem. Res.*.