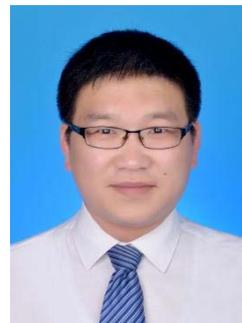


个人简介

高庆贺，男，2016年6月毕业于华中师范大学，获博士学位。教授，硕士生导师，河南省骨干研究生导师，河南省文明教师，新乡市文明教师，新乡医学院“太行青年学者”，新乡医学院“最美教师”，河南医药大学“模范教师”，河南省化学会理事，河南省药学会药物化学专业委员会委员。主持国家重点研发计划子课题1项，河南省自然科学基金面上项目1项，河南省高等学校重点科研项目1项，作为主要成员参与国家自然科学基金等项目2项，指导大学生主持完成河南省创新课题重点项目1项；申请国家发明专利12项，已授权10项；申请美国专利1项，已授权1项。以第一作者或通讯作者在 Organic Letters、Organic Chemistry Frontiers、Advanced Synthesis Catalysis 等顶级学术期刊上发表论文32篇，他引次数2200余次，h-index为28。



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研究方向

- ✓ 有机合成方法学：碘的金属性催化行为、三级胺的远程活化，以及氮杂环的骨架编辑。
- ✓ 药物合成工艺的开发：主要进行嘧啶类小分子药物的高效简捷的合成和工艺开发。

招生方向

- ✓ 学术学位硕士（学硕）：药物化学
- ✓ 专业学位硕士（专硕）：药物研发与转化、临床药学与应用

教育经历

- ✓ 2010/09-2016/06，华中师范大学，有机化学专业，理学博士（硕博连读）
- ✓ 2006/09-2010/06，河南师范大学，化学专业，理学学士

工作经历

- ✓ 2016/06-2020/04，新乡医学院，药学院，讲师
- ✓ 2020/04-2026.01，新乡医学院，药学院，副教授
- ✓ 2026.01-至今，河南医药大学，药学院，教授

承担项目

- ✓ 科技部, 国家重点研发计划“政府间国际科技创新合作”重点专项项目子课题, 2020-12 至 2023-11, 20 万元, 已结题, 主持。
- ✓ 河南省科技厅, 河南省自然科学基金项目面上项目, 242300421356, 链状烷基叔胺 C-H 键官能团化关联的环化反应研究, 2024-01 至 2025-12, 10 万元, 在研, 主持。
- ✓ 国家自然科学基金委员会, NSFC-河南联合基金, U1704184, 特异性靶向 LSD1 小分子降解剂的设计、合成及抗肿瘤活性研究, 2018-01 至 2020-12, 51 万元, 已结题, 参加。
- ✓ 河南省教育厅, 河南省高等学校重点科研项目, 19A350010, 基于碘诱导酮肟酯产生亚胺自由基构建氮杂环化合物合成的研究, 2019-01 至 2020-12, 3 万, 已结题, 主持。

代表性论文

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- ✓ Fang Bai (研究生), Pengpeng Liu, Hongyan Xu,* Mengjie Li, Binghui Liu, Miaomiao Xu and **Qinghe Gao**.* Auto-oxidation-driven vicinal C(sp³)-H desaturative cyclization of tertiary alkylamines for the synthesis of pyrido[3,2-*c*]coumarins. *Chem. Commun.* **2025**, 61, 16818–16821.
- ✓ Guangping Fan (研究生), Penghui Cao, Fang Bai, Yanyan Yin, Xueyan Hou, Yani Liu, Zhenzhen Xing, Yanhui Wang, Tangqiang Sun,* and **Qinghe Gao**.* I₂-Promoted oxidative annulation of three different amines to access diverse biheteroaryls. *Org. Chem. Front.* **2025**, 12, 90–96.
- ✓ Penghui Cao (研究生), Guangping Fan, Xiaofei Zhao, Xinyu Ren, Yuru Wang, Yuying Wang, and **Qinghe Gao**.* Regioselective synthesis of 3,4-diarylpyrimido[1,2-*b*]indazole derivatives enabled by iron-catalyzed ring-opening of styrene oxides. *Chem. Commun.* **2024**, 60, 11742–11745.
- ✓ **Qinghe Gao**,* Yimei Guo, Zhenhua Sun, Xiaodan He, Yiqiao Gao, Guangping Fan, Penghui Cao, Lizhen Fang, Suping Bai, and Yanlong Jia.* Deaminative Cyclization of Tertiary Amines for the Synthesis of 2-Arylquinoline Derivatives with a Nonsubstituted Vinylene Fragment. *Org. Lett.* **2023**, 25, 109–114.
- ✓ **Qinghe Gao**,* Zhenhua Sun, Manman Wu, Yimei Guo, Xinya Han,* Jufen Yan, Minh Ngoc Ha, Quynh Mai Le, and Yongtao Xu.* Di-tert-butyl peroxide as an effective two-carbon unit in oxidative radical cyclization toward 7-methylazolo[1,5-*a*]pyrimidines, *Org. Chem. Front.* **2022**, 9, 3050–3056.
- ✓ Yimei Guo (研究生), and **Qinghe Gao**.* Recent advances in 3-aminoindazoles as versatile synthons for the synthesis of nitrogen heterocycles, *Org. Biomol. Chem.* **2022**, 20, 7138–7150.
- ✓ **Qinghe Gao**,* Manman Wu, Le Zhang, Pengju Xu, He Wang, Zhenhua Sun, Lizhen Fang, Yingchao Duan, Suping Bai, Xiangyu Zhou, Mingxin Han, Jixia Zhang, and Jieli Lv.* Open-Air Dual-Diamination of Aromatic Aldehydes: Direct Synthesis of Azolo-Fused 1,3,5-Triazines Facilitated by Ammonium Iodide. *J. Org. Chem.* **2021**, 86, 17265–17273.

- ✓ **Qinghe Gao**, Zhenhua Sun, Qinfei Xia, Ruonan Li, Wenlong Wang, Siwei Ma, Yixin Chai, Manman Wu, Wei Hu, Péter A´brányi-Balogh, György M. Keseru, and Xinya Han.* Vinylation of α -Aminoazoles with Triethylamine: A General Strategy to Construct Azolo[1,5-*a*]pyrimidines with a Nonsubstituted Ethylidene Fragment. *Org. Lett.* **2021**, *23*, 2664–2669.
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已授权发明专利

- ✓ **高庆贺**, 刘兴霞, 刘兆敏, 杨利敏, 原焕, 贺爽。一种喹啉-4-甲酰胺类化合物的合成方法, 2020.06.05, 中国, ZL201710823302.2
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- ✓ **高庆贺**, 原焕, 刘兆敏, 吴曼曼, 孙佳佳, 周晨阳。一种 2-甲基吡啶类化合物的合成方法, 2020.11.03, 中国, ZL201810090848.6
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- ✓ **高庆贺**, 韩新亚, 徐永涛, 段迎超, 吕洁丽, 房立真, 张妍, 严菊芬, 李莹莹。一种扎来普隆的制备方法, 2022.03.04, 中国, ZL202110187247.9
- ✓ **高庆贺**, 杨利敏, 刘兆敏, 张涛, 张积霞, 李莹莹。一种茚地普隆中间体的制备方法, 2022.03.22, 中国, ZL202110187234.1
- ✓ **高庆贺**, 刘兆敏, 李莹莹, 房立真, 白素平, 武利强, 吕洁丽, 段迎超, 吴曼曼, 孙振华。一种吡啶并[1,3,5]三嗪类化合物的合成方法, 2022.09.30, 中国, ZL202111002466.1
- ✓ **高庆贺**, 吴曼曼, 杨利敏, 白素平, 房立真, 李莹莹。一种含烷基和芳基嘧啶类化合物的合成方法, 2023.01.13, 中国, ZL202010182744.5
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- ✓ **高庆贺**, 尹延彦, 贾岩龙, 李莹莹, 武利强, 高一乔, 宋宇, 郭一美。一种含烷基和芳基苯并喹啉类化合物的合成方法, 2025.12.09, 中国, ZL202211485455.8
- ✓ **Qinghe Gao**, Xinya Han, Yongtao Xu, Yingchao Duan, Jieli Lv, Lizhen Fang, Yan Zhang, Jufen Yan, Yingying Li, Preparation method of zaleplon, 2025.01.14, United States Patent, US 12195474B2

成果奖励

- ✓ **高庆贺** (2/11) , 靶向蛋白的抗病毒小分子抑制剂的计算设计与实验合成关键技术, 2024 年度河南省教育厅科技成果奖二等奖, 证书号: 豫教〔2024〕07558 (徐永涛、高庆贺、赵俊强、杨敏、韩迪、路嘉瑞、王守英、王美婷、刘太刚、崔韶丽、常金龙)
- ✓ **郭一美**, 2024 年河南省优秀硕士学位论文, 证书号: 豫教〔2025〕34780
- ✓ **孙振华**, 河南省研究生创新之星, 证书号: 豫教〔2023〕96
- ✓ **郭一美**, 河南省研究生创新之星, 证书号: 豫教〔2023〕438
- ✓ **吴曼曼**, 2022 年河南省优秀硕士学位论文, 证书号: 豫教〔2023〕70496