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侯有明, 国务院学位委员会第八届学科评议组成员, 国家“万人计划”科技创新领军人才, 国家百千万人才工程入选人, 国家突出贡献中青年专家, 享受国务院政府特殊津贴专家, 全国农科领域杰出人才, 福建省“双百计划”科技创新领军人才和高层次A类人才等。带领的团队分别入选科技部创新人才推进计划重点领域创新团队(团队负责人)和农业农村部科训杰出人才创新团队(首席科学家), 为教育部“植物保护专业虚拟教研室”带头人, 国家级一流本科课程“农业昆虫学”负责人。

现为福建农林大学植物保护学院院长、教授(二级)、博士生导师, 兼任闽台作物有害生物生态防控国家重点实验室副主任, 教育部生物农药与化学生物学重点实验室主任, 福建省昆虫生态重点实验室主任, 中国植物保护学会园林病虫控制专业委员会委员, 中国昆虫学会常务理事, 农业昆虫专业委员会委员, 福建省昆虫学会理事长, 福建省科学技术协会、福建省食品安全专家委员会委员, 担任《生物安全学报》主编, 《International Journal of Ecotoxicology and Ecobiology》《昆虫学报》《应用昆虫学报》《环境昆虫学报》《中国农学通报》《植物医学》《热带农业研究》等编委。

多年来, 一直从事害虫生态控制和入侵生物预防与控制的教研和科研工作。先后培养博士后6人、博士生22人、硕士生81人。主持完成国家自然科学基金项目(10项, 含联合重点2项、面上项目)、国家“973”子项目、国家重点研发计划课题(2项)、国家公益性行业专项、教育部博士点基金等30多项国家和省部级科研项目。出版专著、教材等8部, 发表学术论文220多篇, 其中SCI收录90多篇, 科研成果获国家科技进步二等奖1项(第2)、省部级科技进步一等奖4项(第1、2、17、20)、二等奖4项(第2、7、8、8)等, 获第六届中国侨界贡献(创新成果)奖项(第1), 省标准贡献一等奖1项(第3), 获国家发明专利10项, 先后获“福建青年科技奖”“中国农学会青年科技奖”“首届中国植保学会青年科技奖”“中国昆虫学会青年科技奖”“福建省新长征突击手”“首届陕西省青年科技奖”“福建省优秀科技工作者”“第一届中国植保学会先进工作者”“首届庞俊杰基金杰出贡献年轻专家奖”“中国昆虫学会第四届优秀工作者一等奖”等。

一、教育经历

- 1996.09-1999.06: 华南农业大学农业昆虫与害虫防治专业博士生, 导师庞雄飞院士
1989.09-1992.06: 西北农业大学昆虫学专业硕士生, 导师刘绍友教授
1985.09-1989.06: 西北农业大学植物保护专业大学本科, 导师刘绍友教授

二、工作经历

- 2019-至今, 福建农林大学植物保护学院院长, 植物保护一级学科带头人
2015-2019, 福建农林大学科技园副院长, 科技部创新团队负责人
2012-至今, 农业部创新团队首席科学家, 省重点实验室主任
2011-2015, 福建农林大学植保学院副院长, 省重点实验室主任
2004.05-至今, 福建农林大学植保学院教授, 博士生导师
2003.07-2004.04, 福建农林大学植保学院, 教授, 硕士生导师
2000.07-2003.06, 福建农林大学植保学院, 副教授, 硕士生导师
2000.06-2001.01, 加拿大Dalhousie U., Saint Mary's U., 访问学者, 合作研究
1999.07-2001.12, 福建农林大学植保博士后流动站, 博士后, 合作导师尤民生教授
1992.07-1996.08, 西北大学生态经济研究中心, 讲师

三、承担课程

- 博士研究生: “现代昆虫学”“入侵生物学”
硕士研究生: “害虫生态控制”“昆虫学研究进展”“农业生物安全”
大学本科生: “农业昆虫学”“植保概论”

四、研究方向和领域

- 害虫生态控制
入侵生物预防与控制
生物安全

五、主要科研项目

- 2023-2026, 国家自然科学基金联合基金重点项目“重大入侵害虫番茄潜叶蛾寄主偏好特性及其反防御分子调控机理”, 主持人
2022-2023, 国家重点研发计划课题“红火蚁高效安全应急防控关键技术”, 主持人
2022-2026, 国家重点研发计划任务“新发/重大外来入侵物种区域减灾联防联控技术研究”, 主持人
2018-2021, 国家自然科学基金海峡两岸联合重点项目“重大入侵害虫红棕象甲体内体外免疫防御效能及其调控机理”, 主持人
2019-2022, 国家自然科学基金面上项目“入侵害虫红棕象甲特异性免疫致敏和跨代遗传效能及其调控机理”, 主持人
2017-2020, 国家重点研发计划课题“重大/新发外来入侵物种区域全程防控技术集成与应用”, 主持人
2018-2021, 国家重点研发计划任务“甘蓝、萝卜化肥农药减施技术模式建立与示范”, 主持人
2018-2022, 国家“万人计划”入选人才特殊支持经费, 主持人

六、主要科研成果获奖

- “十字花科蔬菜主要害虫灾变机理及其持续控制关键技术”2011年获国家科技进步二等奖(第2)
“重大入侵害虫红火蚁监测与控制关键技术研究”2014年获福建省科学技术进步一等奖(第1), 2016年获第六届中国侨界贡献(创新成果)奖(第1)
“菜园生物群落多样性与主要害虫持续控制研究”2007年获福建省科技进步一等奖(第2)
“小菜蛾成灾机制研究及抗药性治理技术体系构建与应用”2013年获广东省科学技术奖一等奖(单位第10, 个人第20); 2015年获中华农业科技奖一等奖(单位第10, 个人第17); 2022年获中国植物保护学会科学技术奖二等奖(第3)
“地方标准“菜园主要害虫生态控制技术规程”2012年获福建省标准贡献一等奖(第3)
“小菜蛾可持续控制的研究”2002年获福建省科技进步二等奖(第2)
“小麦蚜虫种群数量动态与防治决策研究”1994年获陕西省科学技术进步二等奖(第6)
“油菜蚜虫种群动态与测报治理决策的研究”1997年获陕西省科学技术进步三等奖(第2)
“毛竹主要叶部害虫爆发的生态学机制及生境调控研究”2006年获福建省科学技术进步三等奖(第5)
专著《小菜蛾种群系统控制》获第十八届华东地区科技出版社优秀科技图书二等奖(第2)

七、近年来的代表性论著

- 万方浩, 侯有明, 蒋明星. 《入侵生物学》, 科学出版社, 2015
谢联辉, 尤民生, 侯有明等. 《生物入侵: 问题与对策》, 科学出版社, 2011
尤民生, 侯有明, 杨广. 《小菜蛾种群系统控制》, 福建科技出版社, 2004
You MS, Hou YM, Yang G, Gurr G, Chapter 4: Development and implementation of environmentally benign approaches for integrated pest management of cruciferous crops in China. In: Claudia V, Helinda M. (Eds.), Vegetable Consumption and Health: New Research. NY: Nova Science Publishers, Inc, 2012, 65-86 (ISBN: 978-1-62100-941-2)
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Zhang HJ, Lin YP, Li HY, Wang R, Fu L, Jia OC, Hou YM*, Tang BZ*. Variation in parasitoid virulence of Tetrastichus brontispae during the targeting of two host beetles. Int. J. Mol. Sci., 2021, 22(7): e3581. (生物学区, Top期刊, IF=6.208). https://doi.org/10.3389/ijms202073581
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Muhammad A, Pang Y, Hou YM*, Shi ZH*. The gut entomotype of red palm weevil Rhynchophorus ferrugineus Olivier (Coleoptera: Curculionidae) and their effect on host nutrition metabolism. Front. Microbiol., 2017, 8: e2291. (生物学区, IF=4.019). https://doi.org/10.3389/fmicb.2017.02291
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八、主要发明专利

- 一种农用驱虫粉 (ZL 021 02923.7), 发明人: 侯有明, 尤民生; 授权时间: 20050629
国家发明专利, 利用寄主干扰控制小菜蛾的田间栽培方法 (ZL 2013 1 0447929.4); 发明人: 黄斌, 侯有明; 授权时间: 20150812
国家发明专利, 一种区分水椰八角铁甲与椰八角铁甲的引物对、试剂盒以及PCR检测方法 (ZL 2013 1 0491645.5); 发明人: 张静, 汤宝珍, 侯有明, 黄斌; 授权时间: 20141224
国家发明专利, 一种红棕象甲半人工饲料及其制备方法 (ZL 2013 1 0331218.0); 发明人: 侯有明, 郭伟志, 李猷, 黄斌, 廖明昕; 授权时间: 20141112
国家发明专利, 昆虫种传接器 (ZL 2013 1 0331665.6); 发明人: 黄斌, 侯有明; 授权时间: 20150513
国家发明专利, 昆虫行为观察盒 (ZL 2015 1 0184207.3); 发明人: 冯珊珊, 侯有明, 黄斌, 陈李林; 授权时间: 20170721
国家发明专利, 区分水椰八角铁甲幼虫的微小卫星标记的特异性引物及方法 (ZL 2016 1 0506668.X); 发明人: 侯有明, 陈俊, 陈智明, 张群飞, 汤宝珍, 黄斌; 授权时间: 20190528
国家发明专利, 一种番茄无菌的红棕象甲幼虫实验模型的构建方法 (ZL 2017 1 1160477.6); 发明人: 石章红, 侯有明, 阿拉比·穆罕默德, 黄斌; 授权时间: 20200609
国家发明专利, 一种腐虫趋避剂、害虫趋避产品及制备方法和用途 (ZL 2019 1 0957434.3); 发明人: 谢钦松, 侯有明; 授权时间: 20210420



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