



两院院士

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教育背景

1999年8月–2003年7月 清华大学，自动化系，自动化专业，学士

2007年9月–2008年3月 美国冷泉港实验室，访问学生

2003年9月–2008年7月 清华大学，自动化系，控制科学与工程，博士



工作经历

2008年7月–2011年11月 清华大学，自动化系，讲师

2011年12月–2015年12月 清华大学，自动化系，副教授

2012年3月–2013年3月 美国加州大学伯克利分校，唐氏杰出学者

2016年1月–2020年12月 清华大学，自动化系，长聘副教授

2020年12月–现在 清华大学，自动化系，长聘教授



学术兼职

中国人工智能学会生物信息学与人工生命专业委员会副主任

中国生物工程学会青年工作委员会主任

中国生物工程学会理事

中国计算机学会生物信息学专委会常务委员

中国自动化学会青年工作委员会委员

Quantitative Biology 编委

系统科学与数学 编委

合成生物学 编委

担任国家自然科学基金项目函评人，以及Nature Biotechnology, PNAS, Genome Biology, Bioinformatics、PLoS Computational Biology, 《科学通报》、《中国科学》等国内外期刊和会议的审稿人

研究领域

- 1.生物信息学
- 2.模式识别与机器学习
- 3.人工生物系统的设计与控制

奖励与荣誉

中国自动化学会青年科学家奖，2019
国家自然科学基金优秀青年基金，2013
教育部新世纪优秀人才，2013
全国优秀博士学位论文，2010
中国自动化学会科学技术进步奖二等奖（排名第二），2013
国家教学成果二等奖（排名第五），2009
北京市教学成果一等奖（排名第五），2008

学术成果

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3. Zhao Z, Dong QY, Liu XH, Wei L, Liu LY, Li YD, Wang XW*, Dynamic transcriptome profiling in DNA damage-induced cellular senescence and transient cell-cycle arrest. *Genomics*. 2020, 112(2):1309-1317
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人才培养

主要课程:

模式识别与机器学习 (本科生, 2020-今)

模式识别基础 (本科生, 2017-2019)

计算分子生物学引论 (研究生, 2009-今)

交叉项目综合训练A-合成生物学 (本科生, 2012-今)

信息论基础 (研究生, 2010-2016)

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快速链接

- 院系简介
- 机构设置
- 师资队伍
- 科学研究
- 教育教学
- 招生动态
- 党群工作
- 国际交流
- 系友天地
- 招聘信息
- 社会服务



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