

## 个人资料

硕士学科：控制工程

姓名：李燕

性别：女

最高学历：博士

职称：教授

职务：

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研究方向：信号处理，系统建模，Machine Learning



### ::个人简介:

李燕博士，澳大利亚弗林德斯大学毕业，现为澳大利亚南昆士兰大学副教授、系统生物学研究中心副主任。2013年3月，入选湖北省“楚天学者”讲座教授。长期从事生物信息处理研究，在盲信号分离（BSS）、回归神经网络（RNN）的表示与映射方面开展了原创性的研究，取得了多项创新成果。近年来，所开展的关于生物信息处理的理论与方法的若干研究居于国际生物信息学科发展前沿，具有很好的发展前景。在国际权威期刊共发表学术论文 135 余篇，均被 SCI、EI 收录。

### ::目前主持或作为主要成员参与的科研项目:

1. Industry Collaboration Research Investment Fund for Analyzing EEG signals, AU\$543,000, Project Leader, 2017-2019.
2. USQ University Strategic Priority Project Fund, ACS970114, Big Data Analytics Framework and Its Applications, AU\$150,000, 2014-2017, Project Leader, ongoing.
3. 国家自然科学基金项目：心室复极变异性时-空联合分析理论与应用研究。

### ::已发表的代表性研究成果或科研论文:

1. Yan Li (李燕), Mohammed Diykh and Peng Wen, EEG Sleep Stages Identification Based on Weighted Undirected Complex Networks, *Pattern Recognition*, In Press. (**Impact Factor (IF): 4.582, Q1**)
2. Mohammed Diykh, Yan Li (李燕) and Peng Wen, Classify Epileptic EEG Signals Using Weighted Complex Networks Based Community Structure Detection, *Expert Systems With Applications*, Vol. 90, 2017, pp. 87-100, online version: <https://doi.org/10.1016/j.eswa.2017.08.012>. (IF: 3.9281, Q1)
3. Bo Song, Peng Wen, Yan Li (李燕) and Tony Ahfock, Numeric Investigation of Brain Tumor Influence on the Current Distributions during Transcranial Direct Current Stimulation, *IEEE Transactions on Biomedical Engineering*, Vol.63, No. 1 January 2016, pp. 176-187. <http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=7202839>. DOI: 10.1109/TBME.2015.2468672. (IF: 2.233, Q1)

:: 已获得的教学研究成果或奖励:

- 2016 USQ Publication Excellence Discipline Specific Award
- 2015 USQ Publication Excellence Discipline Specific Award
- 2014 USQ Publication Excellence Award
- 2013 Go WEST (Women in Engineering, Science and Technology) Best Partnerships Award, Queensland, Australia
- 2012 **Australia National Prestigious Citation Award** from the Office for Learning and Teaching for Outstanding Contributions to Student Learning
- 2010 Best Go WEST Professional/Business Award – Research
- 2009 USQ Research Excellence Award
- 2009 USQ Learning and Teaching Award for Programs and Services that Enhance Learning
- 2009 USQ Faculty of Sciences Learning and Teaching Award for Programs and Services that Enhance Learning
- 2008 年荣获昆士兰州政府授予的信息与通信技术领域智慧之州—智慧女士奖。