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发布时间: 2018-09-14 浏览次数:

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2012/01-2012/02 香港城市大学 研究员

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2007/10-2008/04 英国Brunel 大学 研究员

2006/04-2006/10 英国Brunel 大学 研究员

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1. 国家自然科学基金面上项目(61773017), 基于通信协议的复杂网络同步与 牵制控制, 2018.1-2021.12.
2. 国家自然科学基金面上项目(61374010), 基于采样数据的有向复杂网络牵制控制与同步, 2014.1-2017.12.
3. 国家自然科学基金面上项目(61374010), 参数依赖于马尔科夫链的有向复杂网络动力学分析与滤波, 2011.01-2013.12.
4. 国家自然科学基金面上项目(60774073), 复杂网络结构稳定性、动力学演化及同步研究, 2008.01-2010.12.
5. 江苏省自然科学基金面上项目(BK2010313), 有向复杂网络动力学同步研究以及在保密通信中的应用, 2010.7-2012.12.
6. 江苏省自然科学基金面上项目(BK2007075), 复杂网络动力学研究与状态估计, 2007.7-2009.12.

获奖和荣誉

1. 2016年度上海市科学技术奖二等奖 (“随机非线性网络化系统的滤波、控制与故障检测理论研究”, 排名第三);
2. 2015年度江苏省科学技术奖二等奖 (“复杂动态网络的动力学分析: 理论与方法”, 排名第一);
3. 入选Thomson Reuters “高被引科学家(Highly Cited Researcher)” (2014, 2015), Clarivate Analytics “高被引科学家” (2016) 名录;
4. 入选Elsevier “中国高被引学者(Most Cited Chinese Researcher)” (2014-2017)名录;
5. 入选扬州大学 “高端人才支持计划” (2016);
6. 扬州大学 “十二五科技功臣” (2016);
7. 入选 “六大人才高峰” 第九批高层次人才项目(2012).

论文代表作

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2. F. Yang, Q.-L. Han, and Y. Liu, Distributed H-infinity state estimation over a filtering network with time-varying and switching topology and partial information exchange, IEEE Transactions on Cybernetics, (in press).
3. Y. Liu, Z. Wang, Y. Yuan, and F. Alsaadi, Partial-Nodes-Based state estimation for complex networks with unbounded distributed delays, IEEE Transactions on Neural Networks and Learning Systems, Vol. 29, No. 8, 3906-3912 (2018).
4. Y. Cui, Y. Liu, W. Zhang, and F. Alsaadi, Event based consensus for a class of nonlinear multiagent systems with sequentially connected topology, IEEE Transactions on Circuits and Systems I: Regular Papers, Vol 65, No. 10, 3506-3518 (2018).

5. Y. Liu, Z. Wang, L. Ma, Y. Cui, F. Alsaadi, Synchronization of directed switched complex networks with stochastic link perturbations and mixed time-delays, *Nonlinear Analysis: Hybrid Systems*, Vol. 27, 213-224 (2018).
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57. Z. Wang, Y. Liu, F. Yang and X. Liu, On designing robust controllers under randomly varying sensor delay with variance constraints, *International Journal of General Systems*, Vol. 35, No. 1, 1-15 (2006).

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