**关佶红2016年发表/录用论文**

**一、SCI期刊论文**

1. Wengen Li, **Jihong Guan**, Xiang Lian, Shuigeng Zhou and Jiannong Cao. Probabilistic Time-Constrained Paths Search over Uncertain Road Networks. ***IEEE Transactions on Service Computing***, 99:1, 21 June 2016. **DOI:** [10.1109/TSC.2016.2582692](http://dx.doi.org/10.1109/TSC.2016.2582692)
2. Bin Xu, Yang Wang, Zewei Wang and **Jihong Guan\***, Essential Protein Detection by Random Walk on Weighted Protein-Protein Interaction Networks, ***IEEE/ACM Transactions on Computational Biology and Bioinformatics***, 2016. {Accepted}.
3. Zhanzhan Cheng, Shuigeng Zhou, Yang Wang, Hui Liu, **Jihong Guan**, and Yi-Ping Phoebe Chen. Effectively Identifying Compound-Protein Interactions by Learning from Positive and Unlabeled Examples. ***IEEE/ACM Transactions on Computational Biology and Bioinformatics***, 18 May 2016. DOI: [10.1109/TCBB.2016.2570211](https://dx.doi.org/10.1109/TCBB.2016.2570211)
4. Yanglan Gan, Han Tao, Guobing Zou, Cairong Yan and **Jihong Guan**\*, Dynamic epigenetic mode analysis using spatial temporal clustering, ***BMC Bioinformatics***, 2016. (in press)
5. Hui Liu, Yinglong Song, **Jihong Guan**, Libo Luo and Ziheng Zhuang, Inferring new indications for approved drugs via random walk on drug-disease heterogenous networks，***BMC Bioinformatics***, 2016. (in press)
6. Hui Liu, Mengmeng Guo, Ting Xue, **Jihong Guan**, Libo Luo and Ziheng Zhuang, Screening lifespan-extending drugs in Caenorhabditis elegans via label propagation on drug-protein networks, ***BMC Systems Biology***, 2016. (in press)
7. Yichao Zhang, Xing Li, M. A. Aziz-alaoui, Cyrille Bertelle, **Jihong Guan**, Shuigeng Zhou. Knowledge Diffusion in Complex Networks. ***Concurrency and Computation: Practice and Experience***, 24 February 2016. DOI: 10.1002/cpe.3791
8. Kai Tian, Mingyu Shao, Yang Wang, **Jihong Guan**, Shuigeng Zhou. Boosting compound-protein interaction prediction by deep learning. ***Methods***, volume 110, Pages 64–72, 1 November 2016.
9. Qiuyang Wu, **Jihong Guan\***, and Shuigeng Zhou. Histone Modification Patterns in Highly Differentiation Cells. ***Neurocomputing***, 206: 42-49, 2016.
10. Yun Lu, Yanglan Gan, **Jihong Guan**\*, and Shuigeng Zhou. An integrative analysis of nucleosome occupancy and positioning using diverse sequence dependent properties. ***Neurocomputing***, 206: 35-41, 2016.
11. Xin Geng, Jiaogen Zhou, **Jihong Guan\***. Side-chain dynamics analysis of KE07 series. ***Computational Biology and Chemistry,*** Elsevier, Available online 15 October 2016.
12. Hui Liu, Zhanzhan Cheng, Jiangjiang Sun, **Jihong Guan**, Jie Zheng and Shuigeng Zhou. Sparse linear modeling kinase inhibition network for predicting combinatorial drug sensitivity in cancer cells. ***Current Bioinformatics,*** 2016. (Accepted)
13. Weihua Zhan, **Jihong Guan,** Huahui Chen, Jun Niu, Guang Jin, Identifying overlapping communities in networks using evolutionary method, ***Physica A: Statistical Mechanics and its Applications,*** Volume 442, 15 January 2016, Pages 182-192.

**二、国际会议论文**

1. Hao Zhang, **Jihong Guan** and Shuigeng Zhou. Causal Discovery Using Regression-based Conditional Independence Tests. To appear in ***Proceedings of*** ***AAAI 2017***, February 2017"
2. [Wengen Li](http://dblp.uni-trier.de/pers/hd/l/Li:Wengen), [Jiannong Cao](http://dblp.uni-trier.de/pers/hd/c/Cao:Jiannong), **[Jihong Guan](http://dblp.uni-trier.de/pers/hd/g/Guan:Jihong)**, [Man Lung Yiu](http://dblp.uni-trier.de/pers/hd/y/Yiu:Man_Lung), [Shuigeng Zhou](http://dblp.uni-trier.de/pers/hd/z/Zhou:Shuigeng). Retrieving Routes of Interest over Road Networks. In: ***Proceedings of*** [***WAIM 2016***](http://dblp.uni-trier.de/db/conf/waim/waim2016-1.html#LiCGYZ16)***,*** Part I, LNCS vol. 9658, pages 109-123, Springer, 2016.
3. Yifu Huang, Kai Huang, Yang Wang, Hao Zhang, **Jihong Guan**, Shuigeng Zhou. Exploiting Twitter Moods to Boost Financial Trend Prediction Based on Deep Network Models. In: ***Proceedings of 2016 International Conference on Intelligent Computation (ICIC’16)***, LNCS vol. 9773, pages 449-460, Springer, 2016.
4. Hongda Bu, Yanglan Gan, Yang Wang, Shuigeng Zhou\*, **Jihong Guan**. EnhancerDBN: An Enhancer Prediction Method Based on Deep Belief Network. In: ***Proceedings of Bioinformatics Research and Applications: 12th International Symposium, ISBRA 2016***, Minsk, Belarus, June 5-8, 2016, Proceedings. Springer, 2016, 9683: 312.
5. Bin Xu, **Jihong Guan**, Yang Wang, Shuigeng Zhou. CPredictor2.0: Effectively Detecting Both Small and Large Complexes from Protein-Protein Interaction Networks. In: ***Proceedings of Bioinformatics Research and Applications: 12th International Symposium, ISBRA 2016***, Minsk, Belarus, June 5-8, 2016, Proceedings. Springer, 2016, 9683: 301..

**三、国内期刊**

1. 徐伟, 李文根, 张毅超, **关佶红**. 路网中位置不确定的二元反 kNN 查询[J].***计算机应用***, 2016.