

XIANG YUE

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EDUCATION

B.Eng. School of Computer Science, Wuhan University, China 2014-2018
GPA: 3.79/4.0, Rank: 1%, Outstanding Graduates
Advisor: Prof. Wen Zhang
Thesis: Drug-disease associations mining and study (in Chinese)

RESEARCH INTERESTS

- Data Mining, especially for graph mining, graph similarity, graph embedding, network representation learning, recommendation system
- Bioinformatics, apply data mining technology in medical domain

PUBLICATIONS

- [1] Wen Zhang, **Xiang Yue**, Weiran Lin, Wenjian Wu, Ruoqi Liu, Feng Huang, Feng Liu, "Predicting drug-disease associations by using similarity constrained matrix factorization", *BMC Bioinformatics*, June 2018
- [2] Wen Zhang, **Xiang Yue**, Feng Huang, Ruoqi Liu, Yanlin Chen, Feng Huang, Chunyang Ruan, "Predicting drug-disease associations and their therapeutic function based on the drug-disease association bipartite network", *Methods*, June 2018
- [3] Wen Zhang, **Xiang Yue**, Feng Liu, Yanlin Chen, Shikui Tu, Qianlong Qu, Xining Zhang, "A unified frame of predicting side effects of drugs by using linear neighborhood similarity", *BMC Systems Biology*, Dec. 2017
- [4] Wen Zhang, **Xiang Yue**, Yanlin Chen, Weiran Lin, Bolin Li, Feng Liu, Xiaohong Li, "Predicting drug-disease associations based on the known association bipartite network" *IEEE International Conference on Bioinformatics and Biomedicine 2017 (BIBM 2017)*
- [5] Wen Zhang, Jingwen Shi, Guifeng Tang, Wenjian Wu, **Xiang Yue**, Dingfang Li, "Predicting drug-disease associations based on the known association bipartite network" *IEEE International Conference on Bioinformatics and Biomedicine 2017 (BIBM 2017)*

HONORS & AWARDS

- Outstanding Graduates of WHU (Scale: 10%) May 2018
- LEI JUN Scholarship (Scale: Top 1 Winner of National Scholarship, the highest prize for students in WHU) 2016-2017
- First Class Scholarship (Scale: 5%), Three Times, WHU 2014-2017
- Excellent Student (Scale: 5%), Three Times, WHU 2014-2017
- National Scholarship (Scale: 1%), China 2014-2015

TECHNICAL SKILLS

Computer Languages	Python, MATLAB, JAVA, C/C++, HTML/CSS/JS
Library & Package	scikit-learn, theano, numpy, tensorflow
Databases	MySQL, MongoDB, SQLite
Tools	Git