Hansheng Xue

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Education

Harbin Institute of Technology
M.S., Computer Science, 2015-2017
Fields: Bioinformatics, Data Mining, Artificial Intelligence
Advisor: Prof.Yadong Wang

Nanjing University of Technology
B.S., E-commerce, 2011-2015
GPA:3.41/4

Dissertation

Identifying Coherent Gene Clusters from Multiple Biological Networks
This project aims to design a multiple network clustering framework and a
semi-supervised AutoEncoder to cluster multi-layer biological networks.

Research Interests

Computational Biology and Bioinformatics:
Multi-layer Biological Networks
Human Phenotype Ontology

Publications

Journal
[1] Jiajie Peng†, **Hansheng Xue†**, Bolin Chen, Qinghua Jiang, Xuequn
Shang*, Yadong Wang*, An Online Tool for Measuring and Visualizing Phenotype Similarities using HPO [J]. BMC Genomics, In press.
[2] Jiajie Peng, **Hansheng Xue**, Yukai Shao, Xuequn Shang, Yadong
Wang*, Jin Chen*, A Novel Method to Measure the Semantic Similarity
of HPO Terms [J]. International Journal of Data Mining and Bioinformatics, 2017, (2): 173-188.
[3] Jiajie Peng, Kun Bai, Xuequn Shang, Guohua Wang, **Hansheng Xue**,
Shuilin Jin, Liang Cheng, Yadong Wang*, Jin Chen*, Predicting Disease-related Genes using Integrated Biomedical Netoworks [J]. BMC Genomics,
2017, 18(Suppl 1):1043.

Conference
[1] Jiajie Peng, **Hansheng Xue**, Yukai Shao, Xuequn Shang, Yadong
Wang*, Jin Chen*, Measuring Phenotype Semantic Similarity using Human
Phenotype Ontology [C]. The IEEE International Conference on Bioinformatics and Biomedicine (BIBM), 2016: 763-766.
[2] Jiajie Peng†, **Hansheng Xue†**, Bolin Chen, Qinghua Jiang, Xuequn Shang*, Yadong Wang*, PhenoSimWeb: A Web Tool for Measuring
and Visualizing Phenotype Similarities using HPO [C]. Proc. 13th Int'l
Symp.Bioinformatics Research & Appls. ISBRA'17,XL-XLI.

Awards and Fellowships	**Postgraduate** ISBRA Travel Fellowship, 2017 IEEE BIBM Student Travel Award, 2016 Student Schoolships at HITsz, 2015-2017
	Undergraduate First Prize Award, Bachelor Thesis Award at Jiangsu Province $(\leq Top1\%), 2015$ Meritorious Winner, MCM/ICM (Top 10%), 2014 Second Prize Award, CUMCM (Jiangsu Site) (Top 20%), 2013 First Prize Award, The 11th Jiangsu Province Mathematics Competition (Top 10%), 2012 Student Schoolships at NJUT, 2011-2015
Experiences	**Teaching Assistant** Data Mining (for postgraduate students. Fall, 2016) Instructor: Prof. Yunming Ye
	Journal Reviewer IEEE/ACM Transactions on Computational Biology and Bioinformatics(TCBB)
	Activities Oral presentation at GIW2016, BIBM2016, ISBRA2017

References

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