个人信息

姓名 : 崔光宇 性别 : 男

毕业学校: 韩国仁荷大学 学位 : 博士

常用邮箱: aaaa-cui@163.com

研究方向

● 蛋白质相互作用的预测

● 预测蛋白质功能模块

● 基于基因本体论查找蛋白质相互作用

发表的论文

- 1. **Cui, Guangyu** and Han, Kyungsook (*), Assessing protein-protein interactions based on the semantic similarity of interacting proteins, International Journal of Data Mining and Bioinformatics (in press) **SCI**
- 2. Park, Byungkyu, **Cui, Guangyu**, Lee, Hyunjin, Huang, De-Shuang, Han, Kyungsook(*), PPISearchEngine: gene ontology-based search for protein-protein interactions, Computer Methods in Biomechanics and Biomedical Engineering, 2013, 16 (7): 691-698. 1, **SCI**
- 3. **Cui, Guangyu**, Fang, Chao, Han, Kyungsook(*), Prediction of protein-protein interactions between viruses and human by an SVM model, BMC Bioinformatics, 2012, 13.6, **SCI**
- 4. **Cui, Guangyu**, Shrestha, Rojan, Han, Kyungsook(*), ModuleSearch: finding functional modules in a protein-protein interaction network, Computer Methods in Biomechanics and Biomedical Engineering, 2012, 15 (7): 691-699。0, **SCI**
- 5. **Cui, Guangyu**, Chen, Yu, Huang, De-Shuang, Han, Kyungsook, An algorithm for finding functional modules and protein complexes in protein-protein interaction networks., Journal of Biomedicine and Biotechnology, 2008, 2008: 860270-860270。 **SCI**
- 6. **Cui, Guangyu**, Han, Kyungsook(*), Scoring protein-protein interactions using the width of gene ontology terms and the information content of common ancestors, 9th International Conference on Intelligent Computing, ICIC 2013, 31-36, Nanning, China, 2013.7.28-2013.7.31 **EI**
- 7. **Cui, Guangyu**, Fang, Chao, Han, Kyungsook(*), Prediction of human proteins interacting with human papillomavirus proteins, 7th International Conference on Intelligent Computing, ICIC 2011, 492-497, Zhengzhou, China,

- 2011.8.11-2011.8.14。 **EI**
- 8. Han, Kyungsook(*), **Cui, Guangyu**, Chen, Yu, Identifying functional groups by finding cliques and near-cliques in protein interaction networks, Frontiers in the Convergence of Bioscience and Information Technologies, FBIT 2007, 159-164, Jeju Island, Korea, Republic of, 2007.10.11-2007.10.13 **EI**
- 9. Chen, Yu(*), Cui, Guangyu, Han, Kyungsook, Multi-layered networks for visualizing the interactions between heterogeneous proteins, Frontiers in the Convergence of Bioscience and Information Technologies, FBIT 2007, 119-124, Jeju Island, Korea, Republic of, 2007.10.11-2007.10.13 EI
- 10. Fang, Chao, **Cui, Guangyu**, and Han, Kyungsook, SVM model for Predicting Human Proteins Interacting with HCV Proteins, Journal of KIISE: Computing Practices and Letters, 2011, 17(4): 244-248