

年 級：博六

著作列表

Journal Papers

1. **Po-Ting Lai**, Ming-Siang Huang, Ting-Hao Yang, Wen-Lian Hsu, Richard Tzong-Han Tsai: Statistical Principle-based Approach for Gene and Protein Related Object Recognition. *Journal of Cheminformatics* 2018 (**SCI, IF:3.893, SJR 176/7191(2.4%) Computer Science, JCR 16/148(10.8%) Computer Science and Information Systems**)
2. **Po-Ting Lai**, Yu-Yan Lo, Ming-Siang Huang, Yu-Cheng Hsiao, Richard Tzong-Han Tsai: BelSmile: a biomedical semantic role labeling approach for extracting biological expression language from text. *Database: The Journal of Biological Databases and Curation* 2016 (**SCI, IF:3.978, SJR 11/1233(0.9%) Information System, JCR 4/59(6.8%) Mathematical & computational biology**)
3. Richard Tzong-Han Tsai, Yu-Cheng Hsiao, **Po-Ting Lai**: NERChem: Adapting NERBio to Chemical Patents via Full-token Features and Named Entity Feature with Chemical Sub-Class Composition. *Database: The Journal of Biological Databases and Curation* 2016 (**SCI, IF:3.978, SJR 11/1233(0.9%) Information System, JCR 4/59(6.8%) Mathematical & computational biology**)
4. Hong-Jie Dai, Chu-Hsien Su, **Po-Ting Lai**, Ming-Siang Huang, Jitendra Jonnagaddala, Toni Rose Jue, Shruti Rao, Hui-Jou Chou, Marija Milacic, Onkar Singh, Syed Abdul Shabbir, Wen-Lian Hsu: MET network in PubMed: a text-mined network visualization and curation system. *Database: The Journal of Biological Databases and Curation* 2016 (**SCI, IF:3.978, SJR 11/1233(0.9%) Information System, JCR 4/59(6.8%) Mathematical & computational biology**)
5. Hong-Jie Dai, **Po-Ting Lai**, Yung-Chun Chang, Richard Tzong-Han Tsai: Enhancing of chemical compound and drug name recognition using representative tag scheme and fine-grained tokenization. *Journal of Cheminformatics* 7(S-1): S14 2015 (**SCI, IF:3.893, SJR 176/7191(2.4%) Computer Science, JCR 16/148(10.8%) Computer Science and Information Systems**)

6. Richard Tzong-Han Tsai, **Po-Ting Lai**: A resource-saving collective approach to biomedical semantic role labeling. *BMC Bioinformatics* 15: 160 2014 (**SCI, IF:2.213, SJR 114/7191(1.6%) Computer Science, JCR 14/59(3.7%) Mathematical & computational biology**)

Conference Papers

1. Jing-Cyun Tu, **Po-Ting Lai** and Richard Tzong-Han Tsai: Enhancing Drug-Drug Interaction Classification with Corpus-level Feature and Classifier Ensemble. *DDDSM at IJCNLP 2017*: 52-56, 2017
2. **Po-Ting Lai**, Ming-Siang Huang, Wen-Lian Hsu and Richard Tzong-Han Tsai: Generating Biological Expression Language Statements with Pipeline Approach and Different Parsers. in *Proceedings of the BioCreative VI Challenge Evaluation Workshop*, 2017.
3. **Po-Ting Lai**, Ming-Siang Huang, Chu-Hsien Su, Richard Tzong-Han Tsai and Wen-Lian Hsu: Statistical Principle-based Approach for Gene and Protein Related Object Recognition. in *Proceedings of the BioCreative V.5 Challenge Evaluation Workshop*, 2017.
4. Yu-Cheng Hsiao, **Po-Ting Lai** and Richard Tzong-Han Tsai: NCU-IISR System for the CHEMDNER-patents Track at BioCreative V. in *Proceedings of the BioCreative IV Challenge Evaluation Workshop*, 2015.
5. **Po-Ting Lai**, Yu-Yan Lo, Ming-Siang Huang, Yu-Cheng Hsiao and Richard Tzong-Han Tsai: NCU-IISR System for BioCreative BEL Task 1. in *Proceedings of the BioCreative IV Challenge Evaluation Workshop*, 2015