

近 5 年发表的论文：

- [1] **Ming Chen**; Yajian Jiang; Xiujuan Lei; Yi Pan*; Chunyan Ji. Drug-target interactions prediction based on signed heterogenous graph neural networks[J]. Chinese Journal of Electronics. (约稿论文, 已录用)
- [2] Lin Guo; Xiujuan Lei; **Ming Chen**; Yi Pan*. MSResG: Using GAE and residual GCN to predict drug-drug interactions based on multi-source drug features[J]. Interdisciplinary Sciences: Computational Life Sciences, 2023. (SCI 收录)
- [3] **Ming Chen**; Wei Jiang; Yi Pan*; Jianhua Dai; Yunwen Lei; Chunyan Ji. SGFNNs: Signed graph filtering-based neural networks for predicting drug-drug interactions[J]. Journal of Computational Biology, 2022, 29(10): 1104-1116. (SCI 收录)
- [4] Chunyan Ji; Yang Jiao; **Ming Chen***; Yi Pan*; Infant cry classification based-on feature fusion and mel-spectrogram decomposition with CNNs[C]. In Proceedings of the 11th International Conference on Artificial Intelligence and Mobile Services(AIMS), 2022: 126-134.(EI 收录)
- [5] **Ming Chen**; Yi Pan*; Chunyan Ji. Predicting drug-drug interactions with signed graph filtering-based convolutional networks[C]. In Proceedings of the International Symposium on Bioinformatics Research and Applications(ISBRA), 2021: 375-387. (CCF C 类会议)
- [6] Chunyan Ji; **Ming Chen**; Bin Li; Yi Pan*. Infant cry classification with graph convolutional networks[C]. In Proceedings of the IEEE 6th International Conference on Computer and Communication Systems(ICCSCS), 2021: 322-327.(EI 收录)
- [7] 刘先锋; 石静; **陈明***. 基于符号图规范化割的半监督学习与图像分割[J]. 小型微型计算机系统, 2020, 41(7): 1547-1552.
- [8] **Ming Chen**; Yunwen Lei; Lixin Ding; Zhao Tong. Convergence in probability on a big class of time-variant evolutionary algorithms[J]. International Journal of Pattern Recognition and Artificial Intelligence, 2019, 33(06): 1959018. (34 页长文, SCI 收录, CCF C 类期刊)
- [9] **陈明**; 林益贤. 一种结合 GMM 和活动轮廓的混合型图像分割方法[J]. 小型微型计算机系统, 2018, 39(08): 1855-1859.
- [10] Huang Tan; **Ming Chen***; Qiaoliang Li; Shaojun Qu. A novel level set model for image segmentation with interactive label regularization term[C]. In Proceedings of the 1st CCF Chinese Conference on Computer Vision(CCCV), 2017: 220-232. (EI 收录)
- [11] **陈明**; 钟世杰; 刘先锋; 肖球. 基于符号图谱与卷积网络的药物互作用关系预测[J]. 计算机软件与应用, 2023. (已录用)
- [12] 马华; 姜伟; **陈明***; 钟世杰. 基于图滤波器的符号属性图链路关系预测算法[J]. 计算机技术与发展, 2023. (已录用)

所指导研究生的毕业论文：

- [1] 杨予丹. 基于加权符号图聚类和马尔科夫随机场的图像分割[D]. 湖南师范大学, 2018.
- [2] 杨梦婷. 基于符号网络的半监督谱聚类[D]. 湖南师范大学, 2019.
- [3] 舒朋. 面向图像分割的符号网络分析与构造[D]. 湖南师范大学, 2020.
- [4] 石静. 基于符号图的半监督聚类离散优化及其在图像分割的应用[D]. 湖南师范大学, 2020.
- [5] 高智良. 基于符号图的半监督学习[D]. 湖南师范大学, 2021.
- [6] 钟世杰. 基于符号图谱与卷积网络的药物互作用关系预测[D]. 湖南师范大学, 2022.

申请了如下专利与软件著作权：

1.专利：一种基于符号图神经网络的链路预测方法及装置， 申请号 202211191189.8

2. 软件著作权：

[1] 基于图神经网络的数据分析软件， 2020SR0309313.

[2] 基于图卷积神经网络的药物互作用预测“数据共享及展示平台”， 2021SR1585217.

[3] 基于符号网络的药物靶标关系预测查询软件， 2022SR0218438.