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教育背景	大连理工大学工学博士（2007） 河北大学理学学士（2002）
研究领域	生物信息学 数据挖掘 组合数学

论文类：

[1] **Jia, Cangzhi***; Zuo, Yun; Zou, Quan*; O-GlcNAcPRED-II: an integrated classification algorithm for identifying O-GlcNAcylation sites based on fuzzy undersampling and a K-means PCA oversampling technique, Bioinformatics, 2018, 1: 1-8.

[2] **Jia, Cangzhi**; Zhang, Meng; Fan, Cunshuo; Li, Fuyi*; Song, Jiangning*; Formator: predicting lysine formylation sites based on the most distant undersampling and safe-level synthetic minority oversampling, IEEE/ACM transactions on computational biology and bioinformatics, 2021, 18 (5) :1937-1945.

[3] **Jia*, Cangzhi,** Bi Yue et al. PASSION: an ensemble neural network approach for identifying the binding sites of RBPs on circRNAs. Bioinformatics, 36(15), 2020, 4276-4282.

[4] He, Wenying; **Jia, Cangzhi***; Zou, Quan*; m4CPred: Machine Learning Methods for DNA N4-methylcytosine sites Prediction, Bioinformatics, 2019, 35(4): 593-601.

[5] Zhang, Yu; **Jia, Cangzhi***; Fullwood, Melissa Jane; Kwoh Chee Keong*; DeepCPP: A deep neural network based on nucleotide bias information and minimum distribution similarity feature selection for RNA coding potential prediction, Briefings in Bioinformatics, 2021, 22 (2):2073-2084.

[6] Zhu, Yan; Li, Fuyi; Xiang, Dongxu; Akutsu, Tatsuya; Song, Jiangning; **Jia, Cangzhi***; Computational identification of eukaryotic promoters based on cascaded deep capsule neural networks, Briefings in Bioinformatics, 2021, 22(4): 1-11.

[7] Zhang, Meng; Li Fuyi; Marquez-Lago, Tatiana T; Leier, Andre; Fan,Cunshuo; Kwoh, Chee Keong; Chou, Kuo-Chen*; Song, Jiangning*; **Jia, Cangzhi***; MULTiPly: a novel multi-layer predictor for discovering general and specific types of promoters, Bioinformatics, 2019, 35(17): 2957-2965.

[8] **Jia, Cangzhi***; Zuo Yun; S-SulfPred: A sensitive predictor to capture S-sulfenylation sites based on a resampling one-sided selection undersampling-synthetic minority oversampling technique, 2017 | Journal of Theoretical Biology, 2017, 422:84-89.

[9] He, WenYing; **Jia, Cangzhi***; et al.; 70ProPred: a predictor for discovering sigma70 promoters based on combining multiple features,BMC Systems Biology, 2018, 12.

[10] **Jia, Cangzhi***; Gong, Hongyan; Shi Yixia; The Computational Prediction Methods for Linear B-cell Epitopes, Current Bioinformatics, 14 (3), 226-233.

代表性项目

[1] 国家自然科学基金，昆虫 RNA 干扰的 dsRNA 分子设计及代谢动力学研究，62071079，在研，主持。

[2] 国家自然科学基金，椭圆超几何级数的研究，10801026，已结题主持。

[3] 辽宁省自然科学基金，基于上下采样的组蛋白修饰位点的预测，20180550223，已结题，主持。

[4] 国家自然科学基金，海域多层次异构组网和资源优化调度关键技术研究，61771086，在研，参与。

荣誉奖励

[1] 辽宁省优秀硕士论文指导教师
[2] 大连海事大学优秀研究生导师
[3] 2020 年大连海事大学研究生教育教学成果奖一等奖，排名第 2。

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