



首页 师资队伍 教授 正教授

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主要研究方向: 生物统计。目前研究方向为基因统计, 生物信息学, 生存分析。感兴趣的其它方向有离散数据分析, 贝叶斯统计应用, 多元分析, 机器学习, 经验过程的大样本理论等。



招生招聘:

考生需要具备生物统计, 应用统计的基本知识、技能, 有较强的计算机编程能力和较强的大样本理论和理论统计知识背景。

主要论著:

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- [03] Xing Hua, Han Zhang, Hong Zhang, Yaning Yang, and Anthony Y.C. Kuk (2010). Testing multiple gene interactions by the ordered combinatorial partitioning method in case-control studies. *Bioinformatics*, 26(15):1871-1879.
- [04] Anthony Kuk, Han Zhang, and Yaning Yang (2009). Computationally feasible estimation of haplotype frequencies from pooled genotype data with and without assuming Hardy-Weinberg equilibrium. *Bioinformatics*, 25(3): 379-386.
- [05] Detecting Essential and Removable Interactions in Genome-Wide Association Studies. *Statistics and its Interface*, 2(2): 161-170.
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- [13] Wentian Li, and Yaning Yang (2009). Fractal characterizations of MAX statistical distribution in genetic association studies. *Advances in Complex Systems*, 12(4-5): 513-531.
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- [15] Gang Zheng, Mark Meyer, Wentian Li, Yaning Yang (2008). Comparison of two-phase analyses for case-control genetic association studies. *Statistics in Medicine*, 27 (24): 5054-5075.
- [16] Han Zhang, Hsin-Chou Yang, Yaning Yang (2008). PoooL: An efficient method for estimating haplotype frequencies from large DNA pool. *Bioinformatics*, 24 (17): 1942-1948.
- [17] Jinfeng Xu, Yaning Yang, Zhiliang Ying, Jurg Ott (2008). Testing linkage disequilibrium from pooled DNA: a contingency table perspective. *Statistics in Medicine*, 27: 5801-5815.
- [18] Wentian Li, Young Ju Suh, Yaning Yang (2008). Selecting More Powerful Tests in Case-Control Genetic Analysis Using Phase Diagrams. *Computational Biology and Chemistry*, 32(6):391-399.
- [19] Wenquan Cui, Kai Li, Yaning Yang, Yuehua Wu (2008). Random weighting method for Cox's proportional hazards model. *Science in China (A)* , 51 (10): 1843-1854.