

Contents

Publication

^ indicate co-first authors.

- **Yujia Li**, Xiangrui Zeng, Chien-Wei Lin, George C. Tseng. (2021) Simultaneous estimation of cluster number and feature sparsity in high-dimensional data cluster analysis. *Biometrics* (in press), <https://doi.org/10.1111/biom.13449>
- **Yujia Li**^, Tanbin Rahman^, Tianzhou Ma, Lu Tang and George C. Tseng. (2021) A sparse negative binomial mixture model for clustering RNA-seq count data. *Biostatistics*. Accepted (<https://doi.org/10.1093/biostatistics/kxab025>).
- **Yujia Li**^, Jessica Toothaker^, Collin McCourt, Lael Werner, Scott Snapper, Dror Shouval, Omry Koran, Sameer Agnihorti, George Tseng, Liza Konnikova. (2020) In Utero Human Intestine Harbors Unique Metabolome Including Bacterial Metabolites. *JCI Insight*. (<https://insight.jci.org/articles/view/138751>)
- Tanbin Rahman, Hsin-En Huang, **Yujia Li**, An-shun Tai, Wen-Ping Hsieh, George C. Tseng. (2021) A sparse negative binomial classifier with covariate adjustment for RNA-seq data. *Annals of Applied Statistics*. Accepted.
- **Yujia Li** and George C. Tseng (2021+). “Association study between gene expression and multiple phenotypes in omics applications of complex diseases”. Manuscript in preparation
- Azadeh Nasrazadani^, **Yujia Li**^, Yusi Fang, Jennifer M. Atkinson, Joanna S. Lee, Priscilla F. McAuliffe, George Tseng, Adrian V. Lee, Peter C. Lucas, Steffi Oesterreich, Norman Wolmark. (2021+) Comprehensive Clinicopathologic Characterization of Mixed Invasive Ductal Lobular Carcinoma: A Meta-Analysis. Manuscript in preparation.

On-going methodological projects

- Outcome-Guided clustering with joint-modelling of phenotypes and transcriptomic data.

Abstract Accepted by Conferences

- Azadeh Nasrazadani, **Yujia Li**, et al. Abstract PS7-15: Mixed invasive ductal lobular carcinomas (mDLC) are clinically more similar to invasive lobular carcinoma (ILC) than to invasive ductal carcinoma (IDC)[J]. *SABCS*, 2021. 10.1158/1538-7445.SABCS20-PS7-15
- Azadeh Nasrazadani, **Yujia Li**, et al. “Mixed Invasive Ductal-Lobular Carcinoma: Clinicopathological Characterization and Clinical Outcomes.”, *S. Journal of Clinical Oncology*, 2020. DOI:10.1200/JCO.2020.38.15_suppl.1085
- Azadeh Nasrazadani, Jennifer M Atkinson, **Yujia Li**, et al. Abstract P2-16-26: Mixed invasive ductal and lobular carcinoma (IDC/L) behaves similarly to invasive lobular carcinoma (ILC) with regard to neoadjuvant chemotherapy response and metastatic dissemination[J]. *SABCS*, 2020. DOI:10.1158/1538-7445.SABCS19-P2-16-26
- Azadeh Nasrazadani, **Yujia Li**, et al. “Mixed Invasive Ductal-Lobular Carcinoma: Clinicopathological Characterization and Clinical Outcomes”, *S. Journal of Clinical Oncology* 2019. DOI:10.1200/JCO.2019.37.15_suppl.e12531