

Stanford

Zhanying Feng

Postdoctoral Scholar, Statistics

Bio

STANFORD ADVISORS

- Wing H Wong, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Heritability enrichment in context-specific regulatory networks improves phenotype-relevant tissue identification.** *eLife*
Feng, Z., Duren, Z., Xin, J., Yuan, Q., He, Y., Su, B., Wong, W. H., Wang, Y.
2022; 11
- **Human Genetic Variants Associated with COVID-19 Severity are Enriched in Immune and Epithelium Regulatory Networks.** *Phenomics (Cham, Switzerland)*
Feng, Z., Ren, X., Duren, Z., Wang, Y.
2022; 2 (6): 389-403
- **Comparison of chromatin accessibility landscapes during early development of prefrontal cortex between rhesus macaque and human.** *Nature communications*
Yao, X., Lu, Z., Feng, Z., Gao, L., Zhou, X., Li, M., Zhong, S., Wu, Q., Liu, Z., Zhang, H., Liu, Z., Yi, L., Zhou, et al
2022; 13 (1): 3883
- **hReg-CNCC reconstructs a regulatory network in human cranial neural crest cells and annotates variants in a developmental context.** *Communications biology*
Feng, Z., Duren, Z., Xiong, Z., Wang, S., Liu, F., Wong, W. H., Wang, Y.
2021; 4 (1): 442
- **scTIM: seeking cell-type-indicative marker from single cell RNA-seq data by consensus optimization.** *Bioinformatics (Oxford, England)*
Feng, Z., Ren, X., Fang, Y., Yin, Y., Huang, C., Zhao, Y., Wang, Y.
2020; 36 (8): 2474-2485
- **ELF: Extract Landmark Features By Optimizing Topology Maintenance, Redundancy, and Specificity** *IEEE-ACM TRANSACTIONS ON COMPUTATIONAL BIOLOGY AND BIOINFORMATICS*
Feng, Z., Wang, Y.
2020; 17 (2): 411-421
- **Combining genome-wide association studies highlight novel loci involved in human facial variation** *NATURE COMMUNICATIONS*
Xiong, Z., Gao, X., Chen, Y., Feng, Z., Pan, S., Lu, H., Uitterlinden, A. G., Nijsten, T., Ikram, A., Rivadeneira, F., Ghanbari, M., Wang, Y., Kayser, et al
2022; 13 (1): 7832
- **OpenAnnotate: a web server to annotate the chromatin accessibility of genomic regions.** *Nucleic acids research*
Chen, S., Liu, Q., Cui, X., Feng, Z., Li, C., Wang, X., Zhang, X., Wang, Y., Jiang, R.
2021; 49 (W1): W483-W490
- **Chromatin accessibility landscape and regulatory network of high-altitude hypoxia adaptation.** *Nature communications*
Xin, J. n., Zhang, H. n., He, Y. n., Duren, Z. n., Bai, C. n., Chen, L. n., Luo, X. n., Yan, D. S., Zhang, C. n., Zhu, X. n., Yuan, Q. n., Feng, Z. n., Cui, et al
2020; 11 (1): 4928