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append: site.repository | append: "@" %} {% else %} {% assign gsDataBaseUrl =  
"https://raw.githubusercontent.com/" | append: site.repository | append: "/" %} {% endif %} {% assign url  
= gsDataBaseUrl | append: "google-scholar-stats/gs_data_shieldsio.json" %}
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I am currently a PhD candidate in the School of Life Sciences at Tsinghua University, under the supervision of [Prof. Fuchu He](#), focusing on computational biology, single-cell analysis, and deep learning research. For any inquiries regarding potential academic collaborations, please don't hesitate to reach out to me via email at zhuj21@mails.tsinghua.edu.cn.

Previously, I earned my bachelor's degree from the School of Life Sciences and Technology at Tongji University. During my undergraduate studies, I was advised by Dr. Qi Liu(刘琦) in the Department of Bioinformatics.

News

- 2024.12: 🚀 Our Paper "DUSTED: Dual-attention Enhanced Spatial Transcriptomics Denoiser" has been accepted by AAAI-2025 and selected as Oral pre.
- 2024.02: 🎉🎉 We release Cell Decoder !

Publications

DUSTED: Dual-attention Enhanced Spatial Transcriptomics Denoiser

Jun Zhu^{#,*}, Yifu Li[#], Zhenchao Tang[#], Cheng Chang^{*}.

Proceedings of the AAAI Conference on Artificial Intelligence (AAAI-2025)

Cell Decoder: Decoding cell identity with multi-scale explainable deep learning

Jun Zhu[#], Zeyang Zhang[#], Yujia Xiang, Beini Xie, Xinwen Dong, Linhai Xie, Peijie Zhou, Rongyan Yao, Xiaowen Wang, Yang Li, Fuchu He, Wenwu Zhu^{*}, Ziwei Zhang^{*}, Cheng Chang^{*}.

Honors and Awards

- 2023.02 **MICOS** (THE MAMMOTH INTERNATIONAL CONTEST ON OMICS SCIENCES), First Award
- 2021.12 **iGEM 2021**, Best Software & Gold Medal, Team advisor.
- 2021.06 Outstanding Graduates of Shanghai (Top 1%)
- 2020.11 **iGEM 2020**, Gold Medal, Team leader.
- 2020.10 National Scholarship (Top 1%)
- 2019.10 National Scholarship (Top 1%)

Educations

- 2021.09-now, PhD, Tsinghua University, Beijing.
- 2017.09-2021.06, Undergraduate, Tongji Univeristy, Shanghai.

Invited Talks

- 2025.02, **Oral Presentation**, AAAI Conference on Artificial Intelligence (AAAI-2025). (Philadelphia, USA)
- 2024.09, **Oral Pre**, BENZON SYMPOSIUM No. 68 INTEGRATION OF MASS SPECTROMETRY-BASED PROTEOMICS AND AI TO REVOLUTIONIZE PERSONALIZED MEDICINE. (Copenhagen, Denmark)
- 2023.11, The Fifth Chemical Biology Graduate Forum, Peking University. (Beijing, China)

Internships

- 2024.05-Now, **AI4Science Research Intern; Tencent, AI Lab, Shenzhen.**
- 2021.04-2021.08, **AI4Science Machine Learning Research Intern; Baidu, NLP group, Shanghai.**
 - Tumor typing using Omics data based on graph neural network
 - Development of nearly one million sample clustering algorithms