Qing Wang

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Department of Health Outcomes and Biomedical Informatics, College of Medicine, University of Florida, Florida, 32608, USA

RESEARCH INTERESTS

♡ AI4Science (AI4EHR, AI4VC, AI4Drug).

♡ Biomedical Foundation Models.

♡ Large Language Models, Agent-based Systems and RAG-based(KG) Systems.

EDUCATION

▶ **University of Florida, USA**
Ph.D. in Medical Sciences, Aug.2025 - now, **GPA: 3.44/4**

▶ **University of Florida, USA**
M.S. in Medical Sciences, Aug.2024 - May.2025

▶ **University of Colorado Boulder, USA**
Visiting Student in Department of Computer Science, Jun.2023 - Sep.2023

▶ **Zhejiang Normal University, China**
M.S. in Computer Science, Sep.2021 - Jun.2024, **GPA: 3.81/4**

▶ **Zhejiang Wanli University, China**
B.S. in Internet of Things Engineering, Sep.2017 - Jun.2021, **GPA: 3.31/4**

PUBLICATIONS

Journal articles (First or [#]co-first author: 5)

- **li2025phenoprofiler** (JCR-Q1, IF:15.7)
- **wang2025scdrugmap** (JCR-Q1, IF:15.7)
- **guo2025ke** (JCR-Q2, IF:2.9)
- **wang2025integration** (JCR-Q1, IF:14.1)
- **2024research** (JCR-Q1, IF:4.5)
- **2025heclip** (JCR-Q1, IF:5.4)
- **meng2025heterogeneous** (JCR-Q1, IF:6.6)
- **2024gene** (JCR-Q1, IF:7.7)
- **2024drugformer** (JCR-Q1, IF:14.1)
- **2024antiformer** (JCR-Q1, IF:7.7)
- **2024self** (JCR-Q2, IF:3.6)
- **2023gudn** (JCR-Q1, IF:6.1)
- **2023blockchain** (JCR-Q2, IF:3.6)

Conference abstracts (First or #co-first author: 2)

- **pan2024stable**
- **2023icmc**
- **2023enhancing**
- **2023automatic**

Patents

- Profile generation method, system and medium based on guide network text classification. Changqin Huang, **Qing Wang**, Jia Zhu, Hongji Shu. CN114780723B. CN202210367239.7

SKILLS

Programming: Python, C, Matlab, C++, Java, HTML, R
Tools: Pytorch, Docker, Linux, IoT
Languages: Mandarin, English

HONORS AND SCHOLARSHIPS

★ Third Prize of the Physics Contest for College Students in Zhejiang Province, Dec.2018

★ Bachelor's degree with Honor in Zhejiang Wanli University, Jun.2021

★ Zhejiang Normal University Third-Class Postgraduate Scholarship, Dec.2021

★ Zhejiang Normal University Third-Class Postgraduate Scholarship, Dec.2022

★ Zhejiang Normal University Best Academic Reporter Award, Dec.2022

★ Kaggle Research Prediction Competition top 22% (201/936), Jan.2023

★ Kaggle Featured Code Competition top 6% (59/1057, Bronze Medalist), Mar.2023

★ Zhejiang Normal University First-Class Postgraduate Scholarship, Dec.2023

★ Zhejiang Normal University 2023 Graduate Study Abroad Exchange Scholarship, Dec.2023

PROFESSIONAL SERVICES AND ACTIVITIES

* **Journals**
  - Reviewer of Genome Biology
  - Reviewer of Briefings in Bioinformatics
  - Reviewer of Neural Networks
  - Reviewer of Applied Soft Computing
  - Reviewer of BMC Biology
  - Reviewer of Journal of King Saud University Computer and Information Sciences
  - Reviewer of Plos One
  - Reviewer of Journal of Supercomputing
  - Reviewer of Frontiers in Psychiatry

- Reviewer of Frontiers in Public Health
- Reviewer of Frontiers in Digital Health
- Reviewer of Journal of Computational Methods in Sciences and Engineering
- Reviewer of Journal of Advanced Research in Applied Sciences and Engineering Technology
- Reviewer of Hereditas
- Reviewer of Multimedia Tools and Applications
- Reviewer of Discover Education
- Reviewer of Chemico-Biological Interactions

* **Conferences**
  - Program Committee Member of ICIBM 2024/2025
  - Reviewer of ICIBM 2024/2025
  - Poster Presenter of ICDM Workshop 2023 Paper: "Dual trustworthy mechanism for illness classification with multi-modality data"
  - Presenter of ChineseCSCW 2021

* **Others**
  - As a Guest Lecturer in GMS6804 : Translational Bioinformatics, 2026 Spring, HOBI, University of Florida. Topic: "AI-Driven Paradigm for Single-Cell Drug Resistance Prediction and Evaluation"
  - Give a Paper Presentation in Health Informatics and AI Learning Series (Spring 2026), Brown Center for Biomedical Informatics (BCBI), University of Brown. Paper: "scDrugMap: benchmarking large foundation models for drug response prediction"
  - Poster Presenter of UFHealth Research showcase 2025. Paper: "HECLIP: histology-enhanced contrastive learning for imputation of transcriptomics profiles"
  - Student Member of IEEE
  - Student Member of CCF

LINKS

↪ Google scholar

↪ Github

↪ Homepage

↪ ORCID

↪ Linkedin

↪ ResearchGate