

# RUNZE MA

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## EDUCATION

### Sichuan University

*M.S. in Artificial Intelligence*

Chengdu, China

Sep. 2021 – present

- Advisor: Lei Duan
- GPA: 3.83/4.0
- Research Direction: Drug Discovery, Protein Science

### Sichuan University

*B.S. in Pharmacy*

Chengdu, China

Sep. 2017 – Jun. 2021

- Advisor: Dan Xie
- GPA: 3.72/4.0
- Research Direction: Bioinformatics
- Cooperation Development in State Key Laboratory of Biotherapy

## PREPRINTS

### SCOP: A Novel Sequence-Structure Contrast-Aware Pre-training Framework for Protein Function Prediction.

- Runze Ma, Chengxin He, Zhenyang Yu, Huiru Zheng, Lei Duan

## PUBLICATIONS

### MORN: Molecular Property Prediction Based on Textual-Topological-Spatial Multi-View Learning.

- Runze Ma, Yidan Zhang, Xinye Wang, Zhenyang Yu, Lei Duan
- *CIKM 2022*

### CHSR: Cross-view Learning from Heterogeneous Graph for Session-based Recommendation.

- Junchen Wang, Lei Duan, Runze Ma, Yidan Zhang, Zhaohang Luo
- *DASFAA 2023*

### Iron-rich Microorganism-enabled Synthesis of Magnetic Biocarbon for Efficient Adsorption of Diclofenac from Aqueous Solution.

- Haiqiong Luo, Yongkui Zhang, Yi Xie, Yulin Li, Man Qi, Runze Ma, Shihao Yang, Yabo Wang
- *Bioresource Technology, 2019*

## TEACHING EXPERIENCE

Teaching Assistant of Frontiers in Biomedicine (I)

2019

Teaching Assistant of Frontiers in Biomedicine (II)

2020

Teaching Assistant of Software Construction

2021

## HONORS & AWARDS

Excellent School-level Scholarship (Top 5% in SCU)

2018-2020

OutStanding Graduates Scholarship (Top 5% in SCU)

2022

## TECHNICAL SKILLS

**Programming Languages:** Python, HTML/CSS, R, L<sup>A</sup>T<sub>E</sub>X,

**Languages:** Chinese-Native, English