



## WANG Shu

Associate Professor

Email: wangshu@swjtu.edu.cn

Office: Room 3722, Jiuli Campus

### BIO

#### Education

- **PhD**, Sichuan University, Chemical process machinery (2004)
- **B.S.**, Tianjin University of light industry, Chemical process machinery (1995)

#### Employment

##### Academic Appointments

- Associate Professor, School of Life Science and Engineering, Southwest Jiaotong University, China (2008-present)
- Postdoctoral Fellow, Xiamen University, China (2004-2006)

##### Administrative Appointments

- Head of Department of School of Life Science and Engineering, Southwest Jiaotong University (2019-present)

### RESEARCH INTERESTS

- Biochemical separation, Membrane separation,

### SELECTED PUBLICATIONS

#### Principal Publications of the Last Five Years

- Mei-hua Wei#, **Shu Wang\***, Jiang W Y, et al. Preparation and Characterization of Dual-Template Molecularly Imprinted Membrane with High Flux Based on Blending the Inorganic Nanoparticles[J]. Journal of Inorganic & Organometallic Polymers & Materials, 2018, 28(1):295-307.
- Mei-hua Wei#, Hong-yan Chen, **Shu Wang\***, Wan-ying Jiang, Yi Wang, Zhang-feng Wu. Synthesis and Characterization of Hybrid Molecularly Imprinted Membrane with Blending SiO<sub>2</sub> Nanoparticles for Ferulic Acid[J], Journal of Inorganic & Organometallic Polymers & Materials, 2017, 27 (2):586-59
- Zhaoli Zhang#, **Shu Wang\***, Hongyan Chen, Qijie Liu, Jiao Wang, Tao Wang. Preparation of polyamide membranes with improved chlorine resistance by bis-2,6-N,N-(2-hydroxyethyl) diaminotoluene and trimesoyl chloride[J]. Desalination, 2013, 331 (16):16–25

### TEACHING

#### Primary Teaching areas

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- Engineering drawing
  - Pharmaceutical engineering
  - Design of bioengineering factory

#### **Current Courses**

- Engineering drawing
- Equipment & plant design of bioengineering
- Computer aided design
- Pharmaceutical engineering