

Curriculum Vitae

PERSONAL

Name: Junqi Wan (万骏祺)
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EDUCATIONAL EXPERIENCES

9/2020 - 6/2024 **B.S., Tianjin University** **Tianjin, China**

- Synthesis of ionic covalent organic frameworks
- Capture and conversion of carbon dioxide
- Synthesis and post modification of covalent Organic framework membranes
- Design and preparation of polycrystalline metal organic framework membranes for separation of hydrocarbon isomers

8/2024 - NOW **Ph.D., Tsinghua University** **Beijing, China**

- Synthesis of metal organic framework nanosheets with flexible skeleton and temperature responsiveness
- Separation of xylene isomers and hydrocarbon isomers
- Electrochemical synthesis of ZIF series MOF membranes

7/2025 - NOW **PG Visiting Research Student,**
 The Hong Kong University of Science and Technology (Guang Zhou)

- Synthesis of porous membrane materials with novel pore structure and separation mechanism
- Preparation of ultra-thin MOF membranes
- Gas separation and isomer separation