## **Curriculum Vitae**

## PERSONAL

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## EDUCATIONAL EXPERIENCES

9/2016-6/2020	B.S., Northeast Forestry University	Harbin, China
Extraction of camphor oil with ultrasonic and microwave-assisted		
Response surface optimization method		
Analysis of antioxidant properties of camphor oil		
9/2020 -7/2023	M.S., South China University of Technology	Guangzhou, China
Peeling of two-dimensional MOF materials		
<ul> <li>Optimization and regulation of [Cu<sub>2</sub>Br(IN)<sub>2</sub>]<sub>n</sub> and Cu-TCPP nanosheets</li> </ul>		
Preparation of ultrathin 2D MOF nanosheet membranes for gas separation		
9/2023 -NOW Ph.D., The	Hong Kong University of Science and Technology (Guang Zhou)	Guangzhou, China
<ul> <li>MOF-based pure membranes and mixed matrix membranes (MMMs)</li> </ul>		
<ul> <li>Gas separation and organic solvent separation</li> </ul>		
<ul> <li>Porous materials-based membranes design and scale up preparation</li> </ul>		
PUBLICATIONS		

- Cai, J.<sup>#</sup>, Song, S.<sup>#</sup> (Co-first author), Zhu, L. *et al*. Two-dimensional Cu-porphyrin nanosheet membranes for nanofiltration.
   *Nano Res.* 16, 6290–6297 (2023). (IF=10.269, #: Equal contribution)
- Shizheng Song, Wei Wang, Yali Zhao, Wufeng Wu, Yanying Wei<sup>\*</sup> and Haihui Wang<sup>\*</sup>. Tuning the Stacking Modes of Ultrathin Two-Dimensional Metal–Organic Framework Nanosheet Membranes for Highly Efficient Hydrogen Separation. *Angew. Chem. Int. Ed.* 2023, 62, e202312995 (IF=16.8, Top Journal).