

## **Wenbo JU - CV**

Dr. Wenbo Ju is currently holding a tenure-track professor position at South China University of Technology in Guangzhou, China. He is leading a research group in Surface and Interface Physics, and focusing on the evolution of surfaces during electrochemical processes. He received his PhD degree in physics for energy conversion in 2016 from Technical University of Munich, supervised by Prof. Ulrich Stimming. He worked as a postdoctoral fellow in laboratory materials for energy conversion at Swiss Federal Laboratories for Materials Science and Technology (Empa). He has been instrumental in the development of electrocatalysts for fuel cells, alkaline water electrolyzers, and CO<sub>2</sub> electrolyzers. He has developed Raman spectroscopy for the operando characterization of electrocatalysts in a gas diffusion electrode, which is a powerful tool to reveal the evolution mechanism of electrocatalysts under near-working conditions.