

My name is Yang Pengcheng. I studied in Shandong University of Science and Technology, majoring in polymer materials, and in Sichuan University for my master's degree about polymer materials. Now I am a Ph.D. in Materials Engineering at Politecnico di Torino, working at the Italian National Research Council. During my university and master's degree, I mainly worked on phenolic resin binders, MXene composite film materials. Now my research is mainly about the preparation of large size defect-free monolayers of MXene. And the prepared MXene materials are used for enhanced hydrogen barrier coatings.