

# Dr. Renhao Dong



## Organic 2D Crystal Materials

*Background:* chemistry & materials

*Research interests:*

- (1) 2D polymers/covalent organic frameworks (COFs): chemistry and functions for electronics and energy;
- (2) 2D metal-organic framework (MOF) electronics: conductive MOFs for opto-electronics, magnetism, electrocatalysis, energy storage device and sensing;
- (3) Novel van der Waals and lateral heterostructures and exotic physical and chemical properties.

*Google scholar linking:*

[https://scholar.google.com/citations?hl=de&user=3V41XQcAAAAJ&view\\_op=list\\_works](https://scholar.google.com/citations?hl=de&user=3V41XQcAAAAJ&view_op=list_works)