

# Wei Fu

## Senior Scientist



### RESEARCH FOCUS

His work now focuses on the following topics:

- 1) Synthesis of high-quality and large-size atomically thin materials such as graphene, TMDCs and Mxene;
- 2) Structural engineering for customized properties such as 2D ferroelectricity, 2D ferromagnetism;
- 3) Applications of 2D materials;

### ACEDAMIC ACHIEVEMENT

He has published >70 papers, including >7 papers in Nature and Science serial journals, with total citations >6,600 and H index of 44 (Google Scholar, as of April 2024)

### CONTACT DETAILS

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### ACEDAMIC CAREER

**Senior Scientist** (2019-now)

*Agency for Science, Technology and Research*

- Synthesis of large-area, high-quality low dimensional quantum materials for quantum applications;
- Development of artificial intelligence-enhanced autonomous synthesis of low-dimensional materials;

**Senior Research Fellow** (2016-2019)

*National University of Singapore*

- Epitaxial growth of two-dimensional materials;
- Structural engineering of 2D materials at an atomic scale for customized properties;

**Research Staff** (2014-2016)

*Nanyang Technological University*

- Synthesis of 2D materials;
- Material development for green energy technologies;

### EDUCATION

**PhD degree in Chemistry** (2010-2014)

*Shanghai Jiao Tong University*

- Synthesis of energy materials;
- Porous materials in catalysis

### PUBLICATIONS

Detailed publication list shown in Google Scholar

(<https://scholar.google.com.sg/citations?user=7W-8p1EAAAAJ&hl=zh-CN>)