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## Author Spotlight

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## Author Spotlight

Fangyi Cheng (程方益)



### Research Interests:

Prof. Cheng's research interests encompass the design, preparation, mechanistic understanding and applications of energy materials, with focus on nonstoichiometric electrode materials for electrocatalysis (hydrogen evolution, oxygen reduction/evolution), and rechargeable batteries. His group is also dedicated to industrial collaboration in the development of advanced materials such as core-shell structured transition metal oxides and formulated electrolytes to improve the performances of Li-ion batteries and water electrolysis devices. Prof. Cheng has co-authored more than 200 peer-reviewed journal papers with more than 30000 citations (H index 85). He is among Elsevier Highly Cited Chinese Researchers and Clarivate Highly Cited Researchers. He serves as Executive Associate Editor of eScience, associate editor of Research, and editorial board members for several journals.

### Admission Information:

Recruit per 1–2 master students and 2 PhD students per year. Poster doctors and research assistants are welcome. Background in electrochemistry and energy materials is preferred.

### Contact:

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### Shuangyin Wang (王双印)

Prof. Shuangyin Wang obtained his Ph.D. from Nanyang Technological University, Singapore, and subsequently held Research Associate/Postdoc Research Fellow positions in the Case Western Reserve University, USA, and University of

Texas at Austin, USA. He held the Marie Curie Fellow in the University of Manchester, UK and the National Science Fund for Distinguished Young Scholars. He is selected as highly cited researchers at 2019–2022 by Clarivate Analytics. His current research interests are advanced electrocatalysis and electrosynthesis, including the design

of defect chemistry in the electrocatalysts, efficient organic synthesis by electrocatalysis, and novel devices for energy conversion. His h-index is over 100 now. He is the Associate Editor of Energy & Environ. Mater, and the Section Editor of J. Energy. Chem. He is sitting on the advisory board of Acta Phys. -Chim. Sin., J. electrochem., Chinese J. Catal., Chem. Commun., and so on. He held the Key R&D Program of China and National Natural Science Foundation of China. He has won the first prize of Natural Science of Hunan Province of China and the Young Scientist Award of the Ministry of Education.

### Research Interests:

Defect Chemistry of Electrocatalysts, Electrochemical Organic Synthesis, Fuel Cells.

### Admission Information:

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Tianhua Zhou (周天华)



### Research Interests:

Tianhua Zhou, PhD, is a Professor of Chemistry at the Fujian Institute of Research on the Structure of Matter, Chinese Academy of Sciences. His research interests encompass the structural chemistry of bio-inspired catalysis, with focus on well-defined metal-organic frameworks and

metal-organic cages for photo- and electro-catalysis (CO<sub>2</sub> reduction, hydrogen evolution, oxygen electrochemistry). He has co-authored more than 60 peer-reviewed journal papers. Dr. Zhou serves as Executive Editor of Chinese Journal of Structural Chemistry.

### Admission Information:

Recruit per 1–2 master students and 1 PhD students per year. Poster doctors and research assistants are welcome. Background in organic chemistry and physical chemistry is preferred.

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