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Author Spotlight

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Author Spotlight

Li Li(李莉)



Prof. Li obtained her MSc and Ph.D. degrees in 2004 and 2010 from Chongqing University. After graduating, she joined the New Energy Material Chemistry and Chemical Engineering Group led by professor Zidong Wei at Chongqing university. Her main interests are in the fundamental studies of electrochemical and electrocatalytic processes through theoretical simulation. Her research focuses on developing novel electrocatalysts with high activity and stability, exploring the relationship between the catalytic activity and the electronic structure of the catalysts, and understanding the underlying mechanisms. Prof. Li has presided over four National Natural Science Foundation projects of China and has published more than 100 papers in peer-reviewed journals. She won the first prize of the Chongqing Science and Technology Award (Natural Science) (2/5) in 2017 and the Chongqing Innovation Scramble Award in 2019.

Research Interests:

Her research interests focus on electrocatalysis in the new energy field, including water electrolysis, fuel cells, et. al.

Admission Information:

Contact: Address: School of Chemistry and Chemical Engineering, Chongqing University, Chongqing 400044, China

E-mail: liliracial@cqu.edu.cn

Hu Jin-Song(胡劲松)



Prof. Hu received his Ph.D. degree in Physical Chemistry at the Institute of Chemistry, Chinese Academy of Sciences (ICCAS) in 2005, then joined in ICCAS as an Assistant Professor and was promoted as an Associated Professor in 2007. After working at Harvard University in 2008-2011, he moved back to ICCAS as a Full Professor. His research currently focuses on developing new low-cost nanocatalysts for efficient electrochemical energy conversion as well as low-cost photovoltaic materials and devices for solar energy conversion.

He has authored/co-authored more than 200 papers in peer-reviewed journals such as Acc. Chem. Res., J. Am. Chem. Soc., Angew. Chem., Adv. Mater., Nat. Commun., Joule, Chem, etc. These papers have received more than 29,000 citations with an H-index of 80. More than 40 papers were selected as Hot Paper and/or Highly Cited Paper by Essential Science Indicators. He is also the principal inventor on over 40 patents. His work has been recognized by scientific awards, including Recipient for the NSFC Fund for Distinguished Young Scholars, National Science Foundation of China (NSFC, 2020), Highly Cited Researcher (Clarivate Analytics), Chinese Society of Electrochemistry Prize for Young Scientists (2017), and Chinese Chemical Society Prize for Young Scientists (2006) etc.

Research Interests:

Hydrogen production, Fuel cells, Electrocatalysis,

Electrosynthesis, Solar cells

Admission Information:

The academic master/Ph.D. students and postdoctoral research fellows who are devoting to pursuing the success in the above-mentioned scientific fields are warmly welcomed to join the group.

Contact:

Address: Institute of Chemistry, Chinese Academy of Sciences, 2, North 1st Street, Zhongguancun, Beijing 100190, P. R. China

Tel&Fax: 86-10-82613929

E-mail: hujs@iccas.ac.cn

Wei Zi-Dong (魏子栋)



Prof. Zidong Wei received his BSc. Degree in material science and technology in 1984 at Shaanxi University of Science and Technology, his MSc. Degree in analytical chemistry in 1987 at Shaanxi

Normal University, and his Ph.D. in applied chem-

istry in 1994 at Tianjin University. He worked at Hokkaido University, Japan, as a JACA fellow in 2001 and at Nanyang University of Technology, Singapore, as a TCT fellow from 2002 to 2003. His research activity focuses on chemical energy conversion, electrocatalysis, electrosynthesis, and water electrolysis with experimental investigation and theoretical simulation. He has published more than 300 peer reviewed papers and obtained more than 40 invention patents in China. His work has been cited over 21,000 times and his H-index is over 60. He is the author of three books. He has developed the most efficient Chlor alkali electrolyzer and PEMFCs so far. He was appointed as a Chungkung Professor by the Ministry of Education of China in 2009. He is now the Professor and the Director of the National Local Joint Engineering Laboratory of Chemical Process Intensification, Chongqing University.

Admission Information:

Institute :Chongqing University

Address :Shapingba, Chongqing, P.R.China

Tel: 0086-65678929; Fax: 0086-65678928

E-mail: zdwei@cqu.edu.cn