Curriculum Vitae

Prof. Dr. Yongfa Zhu is currently a full professor of Tsinghua University. He received his BA degree in 1985 from Nanjing University and obtained his master degree in 1988 from Peking University. had studied and worked at Tsinghua University since 1992 to now and received a PhD degree at 1995. His current research is focused on photocatalysis and application on environmental，energy conversion and anti-tumor. Research work have been published in ***Nature Energy***，***Nature Catalysis***，***Nature Comm.***(6), ***Energy Environ. Sci.*** (2), ***Angew. Chem.*** (10), ***Adv. Mater.***（10）etc. He is the author and co-author of 539 original research papers published in SCI journals. The total cited numbers reached about 49300 and the H-index arrived at 125. About 50 papers was selected as High-Cited Papers by Essential Science Indicators. Elsevier highly cited scholar from 2014 to now, and Clarivate highly cited scientist from 2018 to now. Besides, he has written about 5 books and applied about 24 patents. The creative editor of ***Science for Energy and Environment (SEE)***, the Associate editor of ***Applied Catalysis B,*** the Associate editor of ***Green Carbon***. The vice chairman of China Photosensitive Society, and the president of Beijing Indoor and Indoor Environmental Purification Industry Association.

Education:

1981-1985 Nanjing University Chemistry B.Sc.
1985-1988 Pekin University Chemistry M.Sc.
1992-1995 Tsinghua University Chemistry Ph.D.

Academic and Professional Experience:

1988-1992 Assistant Professor, Tsinghua University
1992-1997 Lecturer, Tsinghua University.
1995-1997 Post doctor, Ehime University, Japan
1997-2001 Associate Professor, Tsinghua University
2001-now Professor, Tsinghua University

Selected publications：

1. Qixin Zhou [1], Yan Guo [1, *] and **Yongfa Zhu [1, *]**, Photocatalytic Sacrificial H2 Evolution Dominated by Micropore-confined Exciton Transfer in Hydrogen-Bonded Organic Framework, ***Nature Catalysis***, 2023,6(7) 574-584
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8. Xiaojie Wu+, Bochen Hu+, Di Li, Biyi Chen, Yuanyong Huang, Zhongkai Xie, Longhua Li, Nanjun Shen, Fuchen Yang, Weidong Shi,* Ming Chen,* and **Yongfa Zhu***,Polymer Photocatalysts Containing Segregated π-Conjugation Units with Electron-Trap Activity for Efficient Natural-light-driven Bacterial Inactivation, ***Angew. Chem. Int. Ed.*** 2023, 62, e202313787
9. Yuqiang Sheng, W,enlu Li, Liangliang Xu, and **Yongfa Zhu***, High Photocatalytic Oxygen Evolution via Strong Built-In Electric Field Induced by High Crystallinity of Perylene Imide Supramolecule , ***Adv. Mater.*** 2022, 2102354
10. Jianfang Jing, Jun Yang, Wenlu Li, Zhaohui Wu, and **Yongfa Zhu***， Construction of Interfacial Electric Field via Dual-Porphyrin Heterostructure Boosting Photocatalytic Hydrogen Evolution，***Advanced Materials***，2022, 34, 2106807
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