



Prof. Tao Zhang received his PhD in 1989 from Dalian Institute of Chemical Physics (DICP), Chinese Academy of Sciences (CAS). After one year in University of Birmingham as a post-doctoral fellow, he joined DICP again where he was promoted to a full professor in 1995. He has been the director-general of DICP for 10 years (2007-2016). He was also the vice president of CAS (2016-2023).

His research interests are mainly focused on **Single-Atom Catalysis** and **Catalytic Conversion of Biomass**. He discovered a new process from cellulose to ethylene glycol in 2008 and has just accomplished a pilot demonstration (1000 ton/year) in 2023. Particularly, In 2011, he coined the new concept “**Single-Atom Catalysis**”, which is now one of the hot research frontiers in catalysis. He has won many important awards, such as Advance of Catalysis Award of the Asian-Pacific Association of Catalysis Societies, Distinguished Award of CCS-Sinopec, ChinaNano Award, National Invention Prize, Distinguished Award of CAS, and Excellent Scientist Award of Chinese Catalysis Society. Prof Tao Zhang is the author or co-author of more than 600 peer-reviewed publications and 110 patents (**H-index 115 and more than 60000 citations**). He serves as the Editor-in-Chief of Chinese Journal of Catalysis, Editorial Board Members of Applied Catalysis B, Green Chemistry, ACS Sustainable Chemistry & Engineering, ChemPhysChem and Industrial & Engineering Chemistry Research. He was elected as academician of Chinese Academy of Sciences in 2013, fellow of TWAS in 2018, and international fellow of Canadian Engineering Academy in 2020.