



# NANO KOREA 2024

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**Dr. Zhang Liang**  
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Dr. Zhang Liang received his bachelor's degree in Chemistry and Physics from the University of Science and Technology of China in 2009. He then pursued his Ph.D. in Physical Chemistry at the University of Texas at Austin, USA, under the supervision of Professor Graeme Henkelman, graduating in 2014. Following his doctoral studies, he conducted postdoctoral research at Stanford University in the Nørskov group and at the University of Pennsylvania in the Vojvodic group. In 2018, he began his independent academic career as an Assistant Professor at the Department of Chemical and Biochemical Engineering at the University of Connecticut, USA. In August 2019, he joined Tsinghua University as an Assistant Professor at the Center for Combustion Energy and School of Vehicle and Mobility. Dr. Zhang's primary research interests include theoretical and computational catalysis, computational design of energy and environmental materials, and computational methods for long-time-scale simulations. Dr. Zhang has published more than 50 peer-review research papers, including publications in top-tier journals such as *Nature Commun.*, *Sci. Adv.*, *Energy Environ. Sci.*