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Dr. Jin Xie is an assistant professor in the School of Physical Science and Technology at ShanghaiTech University and a member of the Shanghai Key Laboratory of High-resolution Electron Microscopy. He earned his B.S. in Chemistry from Fudan University in 2009 and his Ph.D. in Chemistry from Boston College in 2015. From 2015 to 2018, he served as a postdoctoral scholar in the Department of Materials Science and Engineering at Stanford University. His research interests focus on designing, synthesizing, and characterizing novel nanoscale material interfaces. He has published over 70 scientific papers in academic journals such as Nature Nanotechnology, Nature Communications, Science Advances, Journal of the American Chemical Society, Angewandte Chemie International Edition, Advanced Materials, and Matter, with more than 13000 citations and an h-index of 43.