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University, China in 1997. After a year at University of California, San Diego with Prof. Yitzhak Tor learning organic synthesis, he moved to Stanford University and did his Ph.D. with Prof. Edward Solomon in bioinorganic/physical inorganic chemistry. In 2004, he joined Prof. X. Sunney Xie's group at Harvard University for postdoctoral research in singlemolecule biophysics. He started his faculty appointment at Cornell University in 2005. His current research focuses on single-molecule imaging of nanoscale catalysis, as well as of metal homeostatic machineries both in vitro and in vivo. He has received a Dreyfus New Faculty award, a NSF Career award, a Sloan Fellowship, a Paul Saltman Award, and a CAPA Distinguished Junior Faculty Award.