

## A Brief Introduction to Dr. Prof. Si-Dian Li

Si-Dian Li is a professor of chemistry in the Institute of Molecular Science at Shanxi University, P. R. China. He received his B.S. from Beijing Normal University in 1985, M.S. from Shanxi University in 1988, and Doctor of Engineering from Xi'an Jiaotong University in 2003. Before moving to Shanxi University in 2011, he served as the president of Xinzhou Teachers' University from 2000 to 2011 and the president of Taiyuan Teachers' College from 1996 to 2000.



Prof. Li has carried out joint researches at the University of Sussex in the UK, Pacific Northwest National Laboratory in the US, and Brown University. His fields of interests include theoretical and experimental research in structural chemistry, materials chemistry, and computational chemistry. His group in the past decade have been focusing on planar tetracoordinate carbons and silicones (J. Am. Chem. Soc., 2004, 2005; Angew Chem Int. Ed. 2004, 2005), boronyl (BO) chemistry (JACS, 2008; Acc. Chem. Res., 2014), all-boron fullerenes (borospherenes) ( $B_{40}^{-/0}$ : Nature Chemistry, 2014 and  $B_{39}^-$ : ACS NANO, 2015), metalloborospherenes (Angew Chem Int. Ed. 2015, Nanoscale, 2018), heteroboronanotubes (Nanoscale, 2016, 2017; Chem. Comm., 2016), and monolayer (2D) heteroborophenes (JCP 2013, Sci. Reports, 2017) with over 140 papers published in various international journals in total.