**Activation of Dioxygen and**

**Aerobic Oxygenation of Heterocycles**

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Jianliang Xiao was trained as a chemical engineer in Northwest University (Xian, 1982) and RIPP (Beijing, 2005, supervised by Profs WU Chi and Wang Junyu) before doing a PhD in chemistry under the direction of Prof. Martin Cowie at the University of Alberta. After a postdoctoral appointment with Prof. Richard Puddephatt (FRS of Canada & UK), he joined the ERATO Molecular Catalysis Project directed by Prof. Noyori (Nobel Prize 2001). In 1996 he took up a Principal Scientist position at the University of Liverpool, becoming a Lecturer in 1999 and Professor of Catalysis in 2005 in the chemistry department. His research is mainly concerned with the design, development and understanding of molecular catalysts for sustainable chemical synthesis. He has published ca 220 papers in this area.