

Chemical Science in China

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Articles from China are showcased across RSC journals this month, in recognition of the growing importance of Chinese research in the Chemical Sciences.

This month we are proud to feature articles from China across the covers of Royal Society of Chemistry (RSC) journals and magazines. The number of submissions from China to our journals has increased dramatically, from a few hundred papers in 1995 to now over 20% of our total submissions (Fig. 1). This increase reflects the

growth and strength of chemical research in China.

In recognition of the growing importance of Chinese research, groups from the RSC, including the Director of Publishing, Editorial Director and journal Editors, recently visited over 30 of the most important Universities and Institutes in China (Fig. 2). The focus

RSC visits

→ Beijing	→ Hong Kong
→ Changchun	→ Nanjing
→ Dalian	→ Shanghai
→ Fuzhou	→ Shenyang
→ Guangzhou	→ Tianjin
→ Hangzhou	→ Wuhan
→ Hefei	→ Xiamen

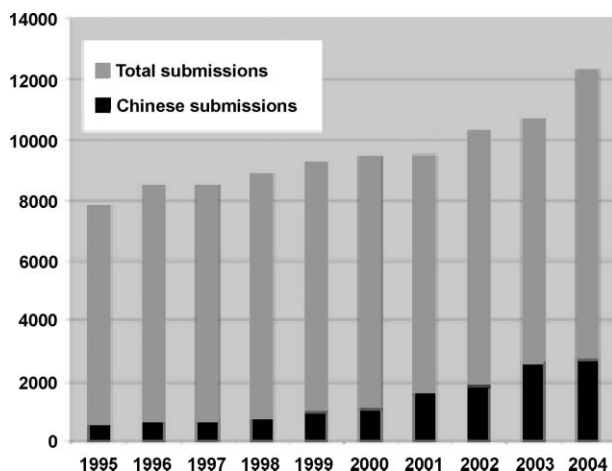


Fig. 1 Number of articles submitted to all RSC journals by year (total and Chinese submissions).



Fig. 2 Visiting State Key Laboratory of Structural Chemistry in Fuzhou.

of these visits was to strengthen links with Chinese institutions and improve our understanding of chemical research in China. Research is developing at an impressive pace: Funding is increasing, as are the numbers of researchers at all levels, and there is a substantial investment in new buildings and research facilities (Fig. 3). Research output will clearly continue to grow at a fast pace and to increase in importance. There is commitment from Universities and Institutes in China to increase the quality of research and articles published in international journals, and there is wide success in meeting this goal. The RSC is enthusiastic to support this through working with authors and our unbiased editorial policies and procedures. We strongly encourage submission of the highest quality work from China. To aid authors our *Information for Authors* and *Ethical Guidelines* for publishing in RSC journals are available from our web site in Chinese (visit <http://www.rsc.org/resource>).

The outside cover of this issue of *ChemComm* features a communication by Guojie Wang, Lei Jiang and their colleagues who have used a simple electrostatic self-assembly technique to prepare a photo-switched azobenzene monolayer. The demonstration of superhydrophobicity and a large reversible contact angle, by the teams from The Chinese Academy of Sciences, Dalian University of Technology and Tsinghua University, show the potential for applications of azobenzene in manipulating



Fig. 3 Undergraduate Teaching Laboratories, Jilin University.

micro-channels, micro-total analysis systems and microfluidic devices.

On the inside front cover a communication by Chi-Ming Che and colleagues on anti-HIV agents is highlighted. These scientists, from the University of Hong Kong, have tested a series of water soluble vanadium(IV) porphyrins and shown that they exhibit potent anti-HIV-1 properties towards infected Hut/CCR5 cells. They are now investigating the mechanism by which these complexes inhibit the viral replication.

Higher Education in China is the focus of the lead article in this August's issue of *Chemistry World*. The article describes how the university system and funding operate and also how the education system has been reformed since the end of the Cultural Revolution. The article is also available from the web: <http://www.chemistryworld.org>

2005 is the year of *UK-China Partners in Science*, encouraging links and collaborations between the UK and China in science, technology and innovation

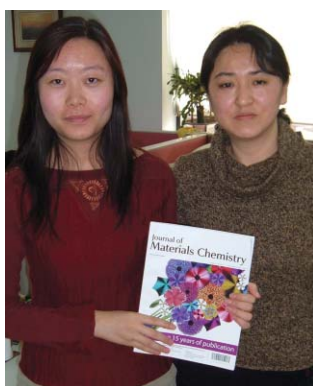


Fig. 4 Two members of the expert typesetting team at Charlesworth China: Eve Zhang and Grace Ji.

(<http://www.uk.cn/science>). For several years the RSC has been collaborating with Charlesworth China for the production of some of our leading journals. Charlesworth typeset articles in Beijing, contributing towards our fast publication times by preparing proofs overnight on our European timeframe (Fig. 4).

Many thanks to the hosts who welcomed the groups from the RSC to their institutions and particular thanks to Professor Xue Long Hou (Shanghai Institute of Organic Chemistry), Professor Henry Wong (Chinese University of Hong Kong and *ChemComm* Editorial Advisory Board member) and Professor Daoben Zhu (Institute of Chemistry, Chinese Academy of Sciences and *Journal of Materials Chemistry* Associate Editor for China).



Sarah Thomas, Editor



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