



J. Wang

The author presented on this page has recently published his **10th article** in *Angewandte Chemie* in the last 10 years:

“Transition-Metal-Free Synthesis of Pinacol Alkylboronates from Tosylhydrazones”: H. Li, L. Wang, Y. Zhang, J. Wang, *Angew. Chem.* **2012**, 124, 2997–3000; *Angew. Chem. Int. Ed.* **2012**, 51, 2943–2946.

## Jianbo Wang

<b>Date of birth:</b>	April 18, 1962
<b>Position:</b>	Professor, College of Chemistry, Peking University
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<b>Education:</b>	1979–1983 Undergraduate studies at Nanjing University of Science and Technology (China) 1984–1990 PhD with Hiroshi Sugimoto, Hokkaido University (Sapporo, Japan) 1990–1993 Postdoctoral fellow with Charles W. Jefford, University of Geneva (Switzerland) 1993–1995 Postdoctoral fellow with Howard E. Zimmerman and Leonard A. Fahien, University of Wisconsin–Madison
<b>Awards:</b>	<b>2002</b> National Outstanding Young Investigator Award from the Natural Science Foundation of China; <b>2006</b> Cheung Kong Scholarship from the Ministry of Education of China; Eli Lilly Research Excellence Award in China (ELSEA); <b>2008</b> Chinese Chemical Society–BASF Award
<b>Current research interests:</b>	Development of synthetic methodologies based on catalytic metal carbene transformations; radical chemistry
<b>Hobbies:</b>	Mountain hiking, swimming, music, tropical fish

### When I was eighteen I wanted to be ... an agriculturist.

If I could be described as an animal it would be ... a panda.

Chemistry is fun because ... there are always unexpected results.

Young people should study chemistry because ... you can make a living from it while enjoying the freedom and the excitement of discovery.

My favorite drink is ... all kinds of beer, especially Yanjing beer (the local beer in Beijing).

If I could be anyone for a day, I would be ... Monkey King, the principal character of the famous ancient Chinese allegorical novel “Journey to the West”.

My first experiment was ... assembling a radio with single transistor when I was twelve.

In a spare hour I ... hike around the mountain near my home in a suburb of Beijing.

The secret of being a successful scientist is ... self-absorption.

My science “heroes” are ... Albert Einstein, Marie Curie, and Louis Pasteur.

If I had one year of paid leave I would ... travel around the world.

If I could be a piece of lab equipment, I would be ... a magnetic stirrer, which can run tirelessly forever.

The principal aspect of my personality is ... perseverance.

### My 5 top papers:

1. “Lewis Acid Controlled Regioselective 1,2 and 1,4 Reaction of  $\alpha,\beta$ -Unsaturated Carbonyl Compounds with  $\text{Ti}^{\text{IV}}$  Enolates Derived from  $\alpha$ -Diazo  $\beta$ -Keto Carbonyl Compounds”: G. Deng, X. Tian, Z. Qu, J. Wang, *Angew. Chem.* **2002**, 114, 2897–2900; *Angew. Chem. Int. Ed.* **2002**, 41, 2773–2776. (The remarkable effect of a Lewis acid on regioselectivity control.)
2. “Palladium-Catalyzed Cross-Coupling of Aryl or Vinyl Iodides with Ethyl Diazoacetate”: C. Peng, J. Cheng, J. Wang, *J. Am. Chem. Soc.* **2007**, 129, 8708–8708. (Use of palladium as the catalyst in the transition-metal-catalyzed reaction of diazo compounds.)
3. “Palladium-Catalyzed Cross-Coupling of  $\alpha$ -Diazocarbonyl Compounds with Arylboronic Acids”: C. Peng, Y. Wang, J. Wang, *J. Am. Chem. Soc.* **2008**, 130, 1566–1567. (Palladium carbene migratory insertion is proposed as the key step in this transformation.)
4. “Direct Conversion of Arylamines to the Pinacol Boronates: A Metal-Free Borylation Process”: F. Mo, Y. Jiang, D. Qiu, Y. Zhang, J. Wang, *Angew. Chem.* **2010**, 122, 1890–1893; *Angew. Chem. Int. Ed.* **2010**, 49, 1846–1849. (This unusual transformation demonstrates the possibility to construct C–B bonds under Sandmeyer reaction conditions.)
5. “Coupling of *N*-Tosylhydrazones with Terminal Alkynes: Synthesis of Trisubstituted Allenes”: Q. Xiao, Y. Xia, H. Li, Y. Zhang, J. Wang, *Angew. Chem.* **2011**, 123, 1146–1149; *Angew. Chem. Int. Ed.* **2011**, 50, 1114–1117. (Following the research described in Ref. [3], this paper demonstrates a similar transformation with a copper catalyst.)

DOI: 10.1002/anie.201202058