



J.-H. Li

Jin-Heng Li

Date of birth:	March 25, 1971
Position:	Professor, Hunan University
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Education:	1990–1994 BSc in Chemistry, Hunan Normal University 2000–2002 PhD with Professor Mingcai Chen and Professor Huanfeng Jiang, University of Science and Technology of China 2002–2004 Postdoctoral fellow with Professor Dan Yang, The University of Hong Kong
Awards:	2009 <i>Tetrahedron</i> Most Cited Paper 2006–2009 Award; 2013 Thieme Chemistry Journal Award
Current research interests:	Organometallic chemistry; synthetic methods; cross-coupling reactions; C–H oxidative coupling reactions; radical reactions; cycloaddition reactions
Hobbies:	Basketball, table tennis, travel, music

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

“Rhodium(III)-Catalyzed [3 + 2] Annulation of 5-Aryl-2,3-dihydro-1-pyrroles with Internal Alkynes through C(sp²)–H/Alkene Functionalization”: M.-B. Zhou, R. Pi, M. Hu, Y. Yang, R.-J. Song, Y. Xia, J.-H. Li, *Angew. Chem. Int. Ed.* **2014**, *53*, 11338–11341; *Angew. Chem.* **2014**, *126*, 11520–11523.

My biggest motivation is ... exploring the world of chemistry.

I lose track of time when ... I discuss with my students and “travel” in the world of chemistry.

I would have liked to have discovered ... a magic wand to “predict” a reaction and an instrument to “see” and “control” this reaction.

My favorite author (fiction) is ... Songlin Pu (1640–1715; Qing Dynasty), who wrote *Strange Tales of a Chinese Studio*.

My top films of all time are ... *The Family Man*, *A Chinese Ghost Story I–III*, and *Robocop I–III*.

My favorite food is ... fried pork with peppers, a dish from Hunan.

My favorite song is ... *Yesterday Once More* (The Carpenters).

My favorite motto is ... “no pain, no gain”.

I like refereeing because ... I can learn about others’ achievements in advance.

If I could have dinner with three famous scientists from history, they would be ... Marie Skłodowska-Curie, Xuesen Qian, and Alexander Fleming.

My favorite place on earth is ... Zhangjiajie National Forest Park (China).

My 5 top papers:

1. “Copper-Catalyzed Intramolecular C–H Oxidation/Acylation of Formyl-*N*-arylformamides Leading to Indoline-2,3-diones”: B.-X. Tang, R.-J. Song, C.-Y. Wu, Y. Liu, M.-B. Zhou, W.-T. Wei, G.-B. Deng, D.-L. Yin, J.-H. Li, *J. Am. Chem. Soc.* **2010**, *132*, 8900–8902. (The transition-metal-catalyzed synthesis of isatin frameworks through dual C–H oxidative coupling.)
2. “Copper-Catalyzed Intramolecular Oxidative 6-*exo*-trig Cyclization of 1,6-Enynes with H₂O and O₂”: Z.-Q. Wang, W.-W. Zhang, L.-B. Gong, R.-Y. Tang, X.-H. Yang, Y. Liu, J.-H. Li, *Angew. Chem. Int. Ed.* **2011**, *50*, 8968–8973; *Angew. Chem.* **2011**, *123*, 9130–9135. (With this method, new functional groups can easily be introduced in a highly atom- and step-economic manner.)
3. “Synthesis of Oxindoles by Iron-Catalyzed Oxidative 1,2-Alkylarylation of Activated Alkenes with an Aryl C(sp²)–H Bond and a C(sp³)–H Bond Adjacent to a Heteroatom”: W.-T. Wei, M.-B. Zhou, J.-H. Fan, W. Liu, R.-J. Song, Y. Liu, M. Hu, P. Xie, J.-H. Li, *Angew. Chem. Int. Ed.* **2013**, *52*, 3638–3641; *Angew. Chem.* **2013**, *125*, 3726–3729. (A radical-mediated C–H oxidative coupling strategy for assembling functionalized heterocyclic compounds by incorporation of two functional groups into the alkene system.)
4. “Synthesis of Azepine Derivatives by Silver-Catalyzed [5 + 2] Cycloaddition of γ -Amino Ketones with Alkynes”: M.-B. Zhou, R.-J. Song, C.-Y. Wang, J.-H. Li, *Angew. Chem. Int. Ed.* **2013**, *52*, 10805–10808; *Angew. Chem.* **2013**, *125*, 11005–11008. (The construction of complex biologically active seven-membered heterocyclic systems from simple and readily available starting materials.)
5. “Cascade Nitration/Cyclization of 1,7-Enynes with *t*BuONO and H₂O: One-Pot Self-Assembly of Pyrrolo-[4,3,2-*de*]quinolinones”: Y. Liu, J.-L. Zhang, R.-J. Song, P.-C. Qian, J.-H. Li, *Angew. Chem. Int. Ed.* **2014**, *53*, 9017–9020; *Angew. Chem.* **2014**, *126*, 9163–9166. (A simple C–H oxidative coupling/cyclization strategy for building complex cyclic systems).

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