



CURRICULUM VITAE of Dr. WANG JUN(wang.j@sustc.edu.cn)

Name: Wang Jun

Academic qualifications:

B.S., Department of Chemistry, Lanzhou University, 2000

M.S., Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences, 2005

Ph.D., Department of Applied Biology and Chemical Technology, the Hong Kong Polytechnic University, 2009

Pervious academic position held:

Postdoctoral Fellow, Department of Biochemistry and Simmons Comprehensive Cancer Center, The University of Texas Southwestern Medical Center, 2010-2011

ResearchAssistant Professor, School of Chinese Medicine, Hong Kong Baptist University. 2012

Present academic position:

Assistant Professor(By Courtesy), Institute for Advancing Translational Medicine in Bone & Joint Diseases, Hong Kong Baptist University, 2012-present

Previous relevant research work:

Researcharea Asymmetric catalytic chemistry, Synthetic organic chemistry and Medicinal chemistry

Recent Paper

1. **Wang, Jun**; Li, Pengfei*; Choy, Pui Ying; Chan, Albert S. C. *; Kwong, Fuk Yee* Recent advances and applications in organocatalytic asymmetric aza-Michael addition. *ChemCatChem* 2012, 4, 917-925.
2. **Wang, Jun**; Li, Peng-Fei Li*; Chan, SauHing; Chan, Albert S. C.; Kwong, Fuk Yee* "Catalyst-free aza-Michael addition of azole to β , γ -unsaturated- α -keto ester: an efficient access to C-N bond formation" *Tetrahedron Lett.* 2012, 53, 2887-2889
3. Wu, Yinuo; **Wang, Jun**; Li, Pengfei*; Kwong, Fuk Yee* "Catalyst-free efficient aza- Michael addition of azoles to nitroalkenes" *Synlett* 2012 23, 788-790
4. Bian, Zhaoxiang*; Chen, Shilin*; Chung, Chungwah; **Wang, Jun**; Xiao, Haitao; Qin, Hongyan "Developing new drugs from annals of Chinese medicine" *ActaPharmaceuticaSinica B* 2012, 2, 1-7.
5. Nishimura, Takahiro*; **Wang, Jun**; Nagaosa, Makoto; Okamoto, Kazuhiro; Shintani, Ryo; Kwong, Fuk Yee; Yu, Wing-yiu; Chan, Albert S. C.* ; Hayashi, Tamio* "Rhodium-Catalyzed Asymmetric Addition of Arylboronic Acids to β -Phthaliminoacrylate Esters toward the Synthesis of β -Amino Acids." *J. Am. Chem. Soc.* 2010, 132, 464-465.
6. **Wang, Jun**; Shao, Zhihui; Ding, Kai; Yu, Wing Yiu*; Chan, Albert S. C.* "Copper (I)-Catalyzed Asymmetric Addition of Terminal Alkynes to β -imino Esters: An Efficient and Direct Method in the Synthesis of Chiral β 3-alkynyl β 2,2-dimethyl Amino Acid Derivatives" *Advanced Synthesis & Catalysis* 2009, 351, 1250-1254.
7. Tang, Weijun; Xu, Lijin*; Fan, Qing-Hua*; **Wang, Jun**; Fan, Baomin; Zhou, Zhongyuan; Lam, Kim-hung; Chan, Albert S. C.* "Asymmetric Hydrogenation of Quinoxalines with Diphosphinite Ligands: A Practical Synthesis of Enantioenriched, Substituted Tetrahydroquinoxalines" *Angew. Chem. Int. Ed.* 2009, 48, 9135-9138.
8. Shao, Zhihui; **Wang, Jun**; Ding, Kai; Chan, Albert S. C.* "Unprecedented Effects of Additives and Ligand-to-metal Ratio on the Enantiofacial Selection of Copper-Catalyzed Alkynylation of α -Imino Ester with Arylacetylenes" *Advanced Synthesis & Catalysis* 2007, 349, 2375-2379.
9. Wu, yinuo; **Wang, Jun**; Kwong, Fuk Yee "C-C Cross-Coupling Reactions of Acidic C-H Nucleophiles with Two Activating Groups" *Science of Synthesis: Cross Coupling and Heck-Type Reactions 2*, edited by M. Larhed, G. A. Molander and J. P. Wolfe, J Georg ThiemeVerlag KG, 2012
10. Li, Peng-Fei; **Wang, Jun**; Kwong, Fuk-Yee. "Asymmetric Michael Addition and Related Reactions", *Stereoselective Synthesis of Drugs and Natural Products*, edited by V. Andrushko and N. Andrushko, John Wiley & Sons, 2013. *Exp Clin Cancer Res.* 2004,23(4):207-15.