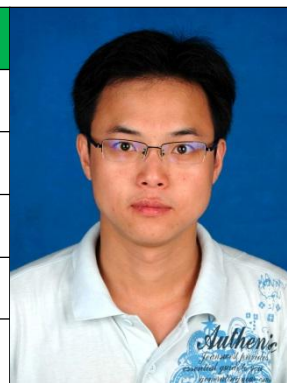


CURRICULUM VITAE

Personal Information			
Name	Bo Wang	Gender	Male
Position Title	Associate Professor		
Working Department	College of Plant Science and Technology		
Email	wangbo@mail.hzau.edu.cn; 65005800@qq.com		
Address	Shizishan Street 1#, Hongshan, Wuhan, China		
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Research Interest			
<p>(1) Genetics and breeding of ramie (<i>Boehmeria Nivea</i> (L.) Gaud.)</p> <p>(2) Regeneration and Transformation of ramie and other bast fiber crops</p> <p>(3) Cloning and function analysis of genes relevant to ramie fiber development</p>			
Professional Memberships			
<p>(1) Member of The Crop Science Society of China</p> <p>(2) Member of Key Laboratory of Crop Ecophysiology and Farming System in the Middle Reaches of the Yangtze River, Ministry of Agriculture, P.R. China</p>			
Other Roles			
Education & Working Experience			
Education			
Sept., 2011- Dec., 2011	Sichuan International Studies University, Chongqing, China Full time English training for national visiting scholar candidates, including listening, speaking, reading and writing		
Sept., 2001 - Jan., 2007	Huazhong Agricultural University, Wuhan, China Ph.D. and M.S. degrees in Crop management Research on the establishment of regeneration system and <i>Agrobacterium</i> -mediated transformation of ramie (<i>Boehmeria Nivea</i> (L.) Gaud.)).		
Sept., 1997 – July, 2001	Huazhong Agricultural University, Wuhan, China B.S. degree in Crop management study the basic knowledge of general genetics, plant biology, and breeding theories		



Working Experience

Dec., 2006 till now

Huazhong Agricultural University, Wuhan, Hubei Province, China

Lecturer and then associate professor (from Nov., 2008)

- (1) As a researcher: focus on genetics and breeding of ramie (an important fiber crop in China)
- (2) As a teacher: give lectures of plant production, crop management, etc. .
- (3) Be responsible for the management of graduate students in Prof. Dingxiang Peng's research team (Prof. Peng is a PI of MOA Key Laboratory of Crop Ecophysiology and Farming System in the Middle Reaches of the Yangtze River)

Aug., 2014 to Aug., 2015

Texas Tech University, Lubbock, Texas, USA

Visiting Scholar

- (1) Participated in research projects on heat response and tolerance in Arabidopsis.
- (2) Audited several biochemistry and molecular biology classes.
- (3) Actively interacted with scientists working at Texas Tech and the USDA lab at Lubbock and built up relationships for future collaborations.

Publications

- (1) An X, Chen J, Zhang JY, Liao YW, Dai LJ, **Wang B***, Liu LJ, Peng DX*. Transcriptome profiling and identification of transcription factors in ramie (*Boehmeria nivea* L. Gaud) in response to PEG treatment, using Illumina paired-end sequencing technology. International Journal of Molecular Science. 2015, 16(2): 3493-3511 DOI: 10.3390/ijms16023493
- (2) An X, **Wang B***, Liu LJ, Jiang H, Chen J, Ye ST, Chen LY, Guo PA, Huang X, Peng DX. *Agrobacterium*-mediated genetic transformation and regeneration of transgenic plants using leaf midribs as explants in ramie [*Boehmeria nivea* (L.) Gaud]. Molecular Biology Reports, 2014, 41(5): 3257-3269
- (3) Chen J, Pei Z, Dai L, **Wang B***, Liu L, Peng DX*. Transcriptome profiling using pyrosequencing shows genes associated with bast fiber development in ramie (*Boehmeria nivea* L.). BMC Genomics, (2014) 15: 919.
- (4) An X, Liao YW, Zhang JY, Dai LJ, Zhang N, **Wang B***, Liu LJ, Peng DX*. Overexpression of rice *NAC* gene *SNAC1* in ramie improves drought and salt tolerance, Plant Growth Regulation, 2014, (10): 211-223
- (5) Huang X, Chen J, Bao Y, Liu L, Jiang H, An X, Dai LJ, **Wang B*** and Peng DX*. Transcript profiling reveals auxin and cytokinin signaling pathways and transcription regulation during in vitro organogenesis of ramie (*Boehmeria nivea* L. Gaud). PLoS ONE, 2014, 9(11)
- (6) Wang XX, Chen J, **Wang B***, Liu LJ, Jiang H, Tang DL, Peng DX. Characterization by suppression subtractive hybridization of transcripts that are differentially expressed in leaves of anthracnose-resistant ramie cultivar. Plant Mol Biol Rep. 2012, 30:547-555
- (7) Chen J, Dai LJ, **Wang B**, Liu LJ, Peng DX*. Cloning of expansin genes in ramie (*Boehmeria nivea* L.) based on Universal Fast Walking. Gene, 2014, 569:27-33
- (8) Wang XX, Chen J, **Wang B**, Liu LJ, Huang X, Ye ST, and Peng DX. First Report of Anthracnose on *Boehmeria nivea* Caused by *Colletotrichum higginsianum* in China. Plant disease. 2011, 95(10):1318-1318
- (9) Wang XX, **Wang B***, Liu LJ, Cui XP, Yang JY, Wang H, Jiang H, Luo BB, Long Z, Dou WX, Zhang N, Peng DX. Isolation of high quality RNA and construction of a suppression subtractive hybridization library from ramie (*Boehmeria nivea* L. Gaud.) Molecular Biology Reporter. 2010, 37:2099-2103
- (10) **Wang B**, Peng DX*, Sun ZX, Zhang N, Gao SM. In vitro plant regeneration from seedling-derived explants of ramie (*Boehmeria nivea* L. (Gaud)). In Vitro Cellular & Developmental Biology-PLANT, 2008,

44(2):105-111

(11) **Wang B**, Peng DX*, Liu LJ, Sun ZX, Zhang N, Gao SM. An efficient adventitious shoot regeneration system for ramie (*Boehmeria nivea* Gaud) using thidiazuron. *Botanical Studies*, 2007, 48: 173-180

Additional Information