

# CURRICULUM VITAE

Personal Information			
Name	Guozheng Yang	Gender	Male
Position Title		Professor	
Working Department		College of Plant Science and Technology, Huazhong Agricultural University	
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Research Interest			
<ul style="list-style-type: none"> <li>➤ Principle and technique for cotton efficient production</li> <li>➤ Nitrogen metabolism and N fertilizer efficient utilization in cotton plant</li> <li>➤ Comprehensive utilization of crop residue</li> </ul>			
Professional Memberships			
<ul style="list-style-type: none"> <li>➤ Councilor of Chinese National Cotton Academic Society</li> <li>➤ Deputy Director of Hubei Provincial Cotton and Fiber Crops Academic Society</li> <li>➤ Deputy Secretary and Permanent Councilor of Hubei Provincial Cotton Industrial Association</li> </ul>			
Other Roles			
<ul style="list-style-type: none"> <li>➤ Consultant of Hubei Provincial Cotton Production</li> <li>➤ Consultant of Hubei Provincial Fertilizer Utilization</li> </ul>			
Education & Working Experience			
<p>Finished my higher education for Bachelor degree in Jingzhou Branch of Huazhong Agricultural College(former of Huazhong Agricultural University), and Master and Doctor degree in Huazhong Agricultural University</p> <p>Experienced on agricultural extension station at a county level in Hubei province for a dozen years and then shifted to Huazhong Agricultural University up to now.</p>			



## Publications

### Publications related to the focus mentioned above in English after 2010:

Corresponding author(✉)

1. Hafeez A, Ali S, Ma X, Tung SA, Shah, AN, Liu A, Zhang Z, Liu J, Yang G\*. Sucrose metabolism in cotton subtending leaves influenced by potassium-to-nitrogen ratios. *Nutr. Cycl. Agroecos.*, 2019,113,201–216.
2. Saif Ali, Abdul Hafeez, Xiaolei Ma, Shahbaz Atta Tung, Muhammad Sohaib Chattha, Adnan Noor Shah, Dan Luo, Shoaib Ahmad, Jiahao Liu, Guozheng Yang(✉). Equal potassium-nitrogen ratio regulated the nitrogen metabolism and yield of high-density late-planted cotton (*Gossypium hirsutum* L.) in Yangtze River valley of China. *Industrial Crops & Products*, 129 (2019) 231-241
3. Shahbaz Atta Tung, Ying Huang, Saif Ali, Abdul Hafeez, Adnan Noor Shah, Xiaolei Ma, Shoaib Ahmad, Muhammad Sohaib Chattha, Anda Liu, Jiahao Liu, Zhao Zhang, Guozheng Yang(✉). Mepiquat chloride effects on potassium acquisition and functional leaf physiology as well as lint yield in highly dense late-sown cotton. *Industrial Crops & Products*, 129 (2019) 142-155
4. LUO Hong-hai#, WANG Qiang#, ZHANG Jie-kun, WANG Lei-shan, LI Ya-bing\*, YANG Guo-zheng\*. One-time fertilization at first flowering improves lint yield and dry matter partitioning in late planted short-season cotton. *Journal of Integrative Agriculture* 2019, 18(0) 2–10.
5. Abdul Hafeez, Saif Ali, Xiaolei Ma, Shahbaz Atta Tung, Adnan Noor Shaha, Anda Liu, Shoaib Ahmed, Muhammad Sohaib Chattha, Guozheng Yang(✉). Potassium to nitrogen ratio favors photosynthesis in late-planted cotton at high planting density. *Industrial Crops & Products*, 124 (2018) 369-381
6. Saif Ali, Abdul Hafeez, Xiaolei Ma, Shahbaz Atta Tung, Anda Liu, Adnan Noor Shah, Muhammad Sohaib Chattha, Zhao Zhang, Guozheng Yang(✉). Potassium relative ratio to nitrogen considerably favors carbon metabolism in late-planted cotton at high planting density. *Field Crops Research*, 223 (2018) 48-56
7. Shahbaz Atta Tung, Ying Huang, Saif Ali, Abdul Hafeez, Adnan Noor Shah, Xinghu Song, Xiaolei Ma, Dan Luo, Guozheng Yang(✉). Mepiquat chloride application does not favor leaf photosynthesis and carbohydrate metabolism as well as lint yield in late-planted cotton at high plant density. *Field Crops Research*, 221 (2018) 108-118
8. Shahbaz Atta Tung, Ying Huang, Abdul Hafeez, Saif Ali, Aziz Khan, Biangkham Souliyanonh, Xinghu Song, Anda Liu, Guozheng Yang(✉). Mepiquat chloride effects on cotton yield and biomass accumulation under late sowing and high density. *Field Crops Research*, 215(2018)59-65

9. Aziz Khan, Leishan Wang, Saif Ali, Shahbaz Atta Tung, Abdul Hafeez, Guozheng Yang(✉). Optimal planting density and sowing date can improve cotton yield by maintaining reproductive organ biomass and enhancing potassium uptake. *Field Crops Research*, 214 (2017) 164-174
10. Aziz Khan, Ullah Najeeb, Leishan Wang, Daniel Kean Yuen Tan, Guozheng Yang(✉), Fazal Munsif, Saif Ali, Abdul Hafeez. Planting density and sowing date strongly influence growth and lint yield of cotton crops. *Field Crops Research*, 209 (2017) 129–135
11. Adnan Noor Shah, Mohsin Tanveer, Babar Shahzad, Guozheng Yang(✉), Shah Fahad, Saif Ali, Muhammad Adnan Bukhari, Shahbaz Atta Tung, Abdul Hafeez, Biangkham Souliyanonh. Soil compaction effects on soil health and crop productivity: an overview. *Environ Sci Pollut Res.*, 2017, 24,10056-10067
12. Adnan Noor Shah, Mohsin Tanveer, Guozheng Yang(✉), Javaid Iqbal. Leaf gas exchange, source-sink relationship and growth response of cotton to the interactive effects of nitrogen rate and planting density. *Acta Physiologiae Plantarum*, 2017, 39(119)1-10
13. Adnan Noor Shah, Javaid Iqbal, Mohsin Tanveer, Guozheng Yang(✉), Waseem Hassan, Shah Fahad, Muhammad Yousaf, Yingying Wu. Nitrogen fertilization and conservation tillage: a review on growth, yield, and greenhouse gas emissions in cotton. *Environ Sci Pollut Res.*, 2017, 24,2261-2272
14. Guozheng Yang(✉), Xuejiao Luo, Yichun Nie, Xianlong Zhang. Effects of plant density on yield and canopy micro environment in hybrid cotton. *Journal of Integrative Agriculture*, 2014, 13(10)2154-2163
15. Guozheng Yang(✉), Xiaobin Zhou, Chengfang Li, Yichun Nie, Xianlong Zhang. Cotton stubble mulching helps in the yield improvement of subsequent winter canola (*Brassica napus* L.) crop. *Industrial Crops and Products*, 2013,50,190-196
16. Guozheng Yang(✉), Kunyan Chu, Haoyue Tang, Yichun Nie, Xianlong Zhang. Fertilizer <sup>15</sup>N accumulation, recovery and distribution in cotton plant as affected by N rate and split. *Journal of Integrative Agriculture*, 2013, 12 (6)999-1007
17. Guozheng Yang(✉), Depeng Wang, Yichun Nie, Xianlong Zhang. Effect of Potassium Application Rate on Cotton (*Gossypium hirsutum* L.) Biomass and Yield. *Acta Agronomica Sinica*, 2013, 39(5) 905-911
18. Bataung Mokhele, Xianjin Zhan, Guozheng Yang(✉), Xianlong Zhang. Nitrogen assimilation in crop plants and its affecting factor. *Canadian Journal of Plant Science*, 2012, 92,1-7

19. Guozheng Yang(✉), Haoyue Tang, Jun Tong, Yichun Nie, Xianlong Zhang. Effect of fertilization frequency on cotton yield and biomass accumulation. *Field Crops Research*, 125(2012)161-166
20. Guozheng Yang, Haoyue Tang, Yichun Nie, Xianlong Zhang(✉). Responses of cotton growth, yield, and biomass to nitrogen split application ratio. *Eur. J. Agron.*, 2011, 35,164-170
21. Guozheng Yang(✉), Mingyan Zhou. Multi-site Investigation of Optimum Planting Density and Boll Distribution of High-Yielding Cotton (*G. hirsutum* L.) in Hubei Province. *Agricultural Sciences in China*, 2010, 9(12)1749-1757

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