

CURRICULUM VITAE

| Personal Information | | | |
|---|---|---|--------|
| Name | Jie Liu | Gender | Female |
| Position Title | Associate Professor | | |
| Working Department | College of Engineering | | |
| Email | liujie@mail.hazu.edu.cn | | |
| Address | College of Engineering, Huazhong Agricultural University, 1 ShiZhiShan Street, WuHan, HuBei, 430070 | | |
| Tel | 86 15623263208 | Fax | |
| Research Interest | | | |
| <p>Intelligent measurement, mechanical design and automation, especially in nondestructive measurement of agricultural product quality and biological materials mechanical properties based on Near-infrared spectroscopy, Hyperspectral, machine vision and ultrasonic testing technology and the post-harvest equipment development.</p> | | | |
| Education & Working Experience | | | |
| Education Experience | | | |
| Sep. 2005-Jun. 2011 | PhD | Agricultural Mechanization Engineering, Huazhong Agricultural University | |
| Nov. 2008-Nov.2010 | Visiting student | Biomedical Engineering Department, Northwestern University | |
| Sep.2001-Jun.2005 | B.S. | Mechanical Design, Manufacture & Automation, Huazhong Agricultural University | |
| Working Experience | | | |
| Dec. 2014 - | Associate Professor | College of Engineering, Huazhong Agricultural University | |
| Jul.2011 - Dec. 2014 | Lecturer | College of Engineering, Huazhong Agricultural University | |
| Publications | | | |
| <ol style="list-style-type: none"> 1. Zhou Dianzhuo, Huang kang, Dai Ning, Rubel Rana, Liao Yitao, <u>Liu Jie*</u>. Construction of Monocular Distance Measurement Model for the Pomelo on tree Basing on Image Pixels. ASABE Annual International Meeting 2020, Virtual, July 13-15, 2020. 2. <u>Liu Jie</u>, Yang Xiaoju, Liao Yitao, Dai Ning, Xie Hang, Zhan Kun. Study on soil surface roughness measuring method based on line structured light sensor[J]. Transactions of the Chinese Society of Agricultural Engineering (Transactions of the CSAE), 2019, 35(3): 134 – 140. 3. Qiao Dan, Cheng zhengming, Wu wenjun, Zhou Qiqiang, Li Xiaoyu, <u>Liu Jie*</u>. Discrimination of pork breeds using hyperspectral imaging and extreme learning machine algorithm. International Conference on Agricultural Engineering CIGR, 2016, June, Aarhus. | | | |



4. Liu Jie, Li Xiaoyu*, Wang Wei, Xiao Wu, Zhang Jun, Zhou Zhu. Measurement of protein content in chestnuts using Near Infrared Spectroscopy. Journal of Chemical and Pharmaceutical Research, 2014,6(6):938-941.
5. Liu Jie, Li Xiaoyu*, Wang Wei, Zhang Jun, Zhou Wei. Application of OSC in sugar content evaluation of chestnut based on Near Infrared Spectroscopy. Applied Mechanics and Materials. 2014, (701-702): 577-580.