

CURRICULUM VITAE

Personal Information			
Name	Jianjun Chen	Gender	Male
Position Title	Professor		
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Research Interest			
[1] Agricultural biosystems engineering.			
[2] Regulation of the artificial light environment for intelligent planting and intelligent breeding.			
[3] Artificial intelligence algorithm, agricultural big data mining and crop production decision-making.			
[4] Agricultural sensors, agricultural Internet of Things, agricultural robots and other technologies and equipment.			
[5] Ecological environment monitoring and equipment.			
Professional Memberships			
[1] 2020- present, Vice Chairman of Modern Physics Agricultural Engineering Branch of China Agricultural Machinery Society.			
[2] 2023- present, member of Intelligent Agriculture Development Branch of China Agricultural Mechanization Association.			
Other Roles			
[1] Appointed as an expert for the National Agricultural Machinery Equipment Industry Science and Technology Service Team of "Innovation China" in August 2022.			
[2] In June 2023, was selected as the "Technology Vice President" for small and medium-sized enterprises organized by the Department of Economy and Information Technology of Hubei Province.			



Education & Working Experience

- [1] July 2001 till now: Teacher of HuaZhong Agricultural University
- [2] 2015.03-2016.03 The University of Georgia , a government-sponsored visiting scholar project:
- [1] Joint research and development of light environment planting air conditioning control system, school-enterprise cooperation project.
- [2] Morels deep processing and by-product comprehensive utilization technology research, school-enterprise cooperation project.
- [3] Research on key technology of factory smart agriculture in Ndoug Agricultural Base, school-enterprise cooperation project.
- [4] wheat seedling LED light accelerator technology development, school-enterprise cooperation project.
- [5] Application of LED biological lighting products, school-enterprise cooperation project.

Publications

Paper :

- [1] Yue Zhang, Xin Ran Wang, Jianjun Chen*. Effects of light quality and photoperiod of light emitting LED on growth and biomass accumulation of shallot. Journal of Horticulture and Forestry, 2019,11(5):78-83.
- [2] Liu Yang, Zhang Yue, CAI Shangchen, Li Guangzhi, Chen Jianjun *. Study on the quality of LED lighting [J]. Agricultural engineering technology ,2021,41(28):66-69
- [3] Zhang Dong, Liu Yongqiang, Hou Youlong, Feng Yuxuan, Zhou Daowen, Chen Jianjun *. Effect of different light matter treatments on tissue culture seedling growth of blueberry [J]. agricultural engineering,2021,11(10):46-48
- [4] Sun Kelong, She Qiuming, Nie Wei, Fan Wei, Liu Yongqiang, Chen Jianjun *. Effect of different photoperiod treatments on the growth of barley seedlings [J]. , 2022, 12 (12) : 41-44.

Patent :

- [1] Chen Jianjun, Liu Yuhong, Zhang Shu. Device and detection method based on infrared

thermal imaging technology. patent of invention , In 2021 , Patent Number :
2018110438379

[2] Chen Jianjun, Liu Yang, Li Guangzhi. An automated light-filling growth system based on a small greenhouse. Invention patent, 2023, Patent Number: ZL 2021105131254