CURRICULUM VITAE

Personal Information			
Name	Jie Zhao	Gender	male
Position Title		Associate Professor	
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Research Interest

- High-yield and efficient cultivation of rapeseed;
- Agricultural biodiversity and green cropping systems;
- Agricultural big data and smart agriculture.

Education & Working Experience

May 2023 - Present: Associate Researcher, Huazhong Agricultural University
July 2020 - May 2023: Postdoctoral Researcher, China Agricultural University
October 2018 - December 2020: Visiting Scholar, Texas A&M University, USA
September 2014 - June 2020: Ph.D. in Agronomy, China Agricultural University
September 2010 - June 2014: Bachelor's Degree in Agronomy, Shanxi Agricultural University

Publications

1. **Zhao J**, Chen J, Beillouin D, Lambers H, Yang YD, Smith P, Zeng ZH*, Olesen JE, Zang HD* (2022) Global systematic review with meta-analysis reveals yield advantage of legume-based rotations and its drivers. Nature Communications, 13, 4926.
2. **Zhao J**, Zhang XP, Yang YD, Zang HD, Yan P, Meki MN, Doro L, Sui P, Jeong J*, Zeng ZH* (2021) Alternative cropping systems for groundwater irrigation sustainability in the North China Plain. Agricultural Water Management, 250, 106867.
3. **Zhao J**#, Yang YD#, Zhang K, Jeong J, Zeng ZH, Zang HD* (2020) Does crop rotation yield more in China? A meta-analysis. Field Crops Research, 245, 107659.
4. **Zhao J**#, Han T#, Wang C, Jia H, Worqlul AW, Norelli N, Zeng ZH, Chu QQ* (2020) Optimizing irrigation strategies to synchronously improve the yield and water productivity of winter wheat under interannual precipitation variability in the North China Plain. Agricultural Water Management, 240, 106298.
5. Shi XY#, **Zhao J**#, Jia H, Zhao JC, Lu J, Zhao MY, Chu QQ* (2022) Seeking sustainable pathway of crop production by optimizing planting structures and management practices from the perspective of water footprint. Science of The Total Environment, 843, 157091.