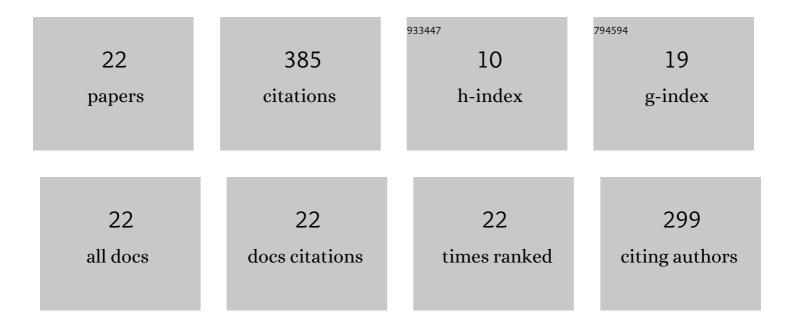
Jingwei Wang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1489972/publications.pdf Version: 2024-02-01



| # | Article | IF | CITATIONS |
|----|--|------------|--------------|
| 1 | Effects of Artificial Soil Aeration Volume and Frequency on Soil Enzyme Activity and Microbial Abundance when Cultivating Greenhouse Tomato. Soil Science Society of America Journal, 2016, 80, 1208-1221. | 2.2 | 57 |
| 2 | Subsurface drip irrigation enhances soil nitrogen and phosphorus metabolism in tomato root zones and promotes tomato growth. Applied Soil Ecology, 2018, 124, 240-251. | 4.3 | 39 |
| 3 | Effect of alternate partial root-zone drip irrigation on soil bacterial communities and tomato yield. Applied Soil Ecology, 2017, 119, 250-259. | 4.3 | 38 |
| 4 | Root morphology of greenhouse produced muskmelon under sub-surface drip irrigation with supplemental soil aeration. Scientia Horticulturae, 2016, 201, 287-294. | 3.6 | 36 |
| 5 | Pretreatment of ultrasound combined vacuum enhances the convective drying efficiency and physicochemical properties of okra (Abelmoschus esculentus). LWT - Food Science and Technology, 2019, 112, 108201. | 5.2 | 31 |
| 6 | Potential nutrient removal function of naturally existed ditches and ponds in paddy regions: Prospect of enhancing water quality by irrigation and drainage management. Science of the Total Environment, 2020, 718, 137418. | 8.0 | 31 |
| 7 | Artificial soil aeration increases soil bacterial diversity and tomato root performance under greenhouse conditions. Land Degradation and Development, 2020, 31, 1443-1461. | 3.9 | 27 |
| 8 | Biochar Improves Soil-Tomato Plant, Tomato Production, and Economic Benefits under Reduced Nitrogen Application in Northwestern China. Plants, 2021, 10, 759. | 3.5 | 23 |
| 9 | Drip irrigation mode affects tomato yield by regulating root–soil–microbe interactions. Agricultural Water Management, 2022, 260, 107188. | 5.6 | 23 |
| 10 | Deficit Alternate Drip Irrigation Increased Root-Soil-Plant Interaction, Tomato Yield, and Quality. International Journal of Environmental Research and Public Health, 2020, 17, 781. | 2.6 | 12 |
| 11 | The Response of Nutrient Uptake, Photosynthesis and Yield of Tomato to Biochar Addition under Reduced Nitrogen Application. Agronomy, 2021, 11, 1598. | 3.0 | 12 |
| 12 | Drip irrigation with film covering improves soil enzymes and muskmelon growth in the greenhouse. Soil Research, 2018, 56, 59. | 1.1 | 10 |
| 13 | Comparison of drying methods on drying efficiency and physicochemical quality of okra (<i>Abelmoschus esculentus</i>) cultivated in China. Journal of Food Process Engineering, 2019, 42, e13163. | 2.9 | 8 |
| 14 | Nitrogen and Phosphorus Absorption and Yield of Tomato Increased by Regulating the Bacterial Community under Greenhouse Conditions via the Alternate Drip Irrigation Method. Agronomy, 2020, 10, 315. | 3.0 | 7 |
| 15 | Responses of Bacterial Community, Root-Soil Interaction and Tomato Yield to Different Practices in Subsurface Drip Irrigation. Sustainability, 2020, 12, 2338. | 3.2 | 6 |
| 16 | Soil Aeration and Plastic Film Mulching Increase the Yield Potential and Quality of Tomato (Solanum) Tj ETQq0 0 | 0 rgBT /Ov | erlock 10 Tf |

| 17 | Changes of Soil Water and Heat Transport and Yield of Tomato (Solanum lycopersicum) in Greenhouses with Micro-Sprinkler Irrigation under Plastic Film. Agronomy, 2022, 12, 664. | 3.0 | 6 |
|----|--|-----|---|
| 18 | The functional features and interface design of wood/polypropylene composites based on microencapsulated wood particles via adopting in situ emulsion polymerization. Polymer Composites, 2018, 39, 427-436. | 4.6 | 4 |

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Effects of Drip Irrigation with Plastic on Photosynthetic Characteristics and Biomass Distribution of Muskmelon. Agriculture (Switzerland), 2020, 10, 84. | 3.1 | 3 |
| 20 | Different pipe burial depths associated with subsurface drip irrigation significantly affected soil gas emissions. Annals of Applied Biology, 2022, 180, 294-305. | 2.5 | 3 |
| 21 | Effects of Irrigation Strategy and Plastic Film Mulching on Soil N2O Emissions and Fruit Yields of Greenhouse Tomato. Agriculture (Switzerland), 2022, 12, 296. | 3.1 | 2 |
| 22 | Sensors and Applications in Agricultural and Environmental Monitoring. Journal of Sensors, 2021, 2021, 1-3. | 1.1 | 1 |