

Jingwei Wang

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

385
citations

933447

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299
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Artificial Soil Aeration Volume and Frequency on Soil Enzyme Activity and Microbial Abundance when Cultivating Greenhouse Tomato. <i>Soil Science Society of America Journal</i> , 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. <i>Applied Soil Ecology</i> , 2018, 124, 240-251.	4.3	39
3	Effect of alternate partial root-zone drip irrigation on soil bacterial communities and tomato yield. <i>Applied Soil Ecology</i> , 2017, 119, 250-259.	4.3	38
4	Root morphology of greenhouse produced muskmelon under sub-surface drip irrigation with supplemental soil aeration. <i>Scientia Horticulturae</i> , 2016, 201, 287-294.	3.6	36
5	Pretreatment of ultrasound combined vacuum enhances the convective drying efficiency and physicochemical properties of okra (<i>Abelmoschus esculentus</i>). <i>LWT - Food Science and Technology</i> , 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. <i>Science of the Total Environment</i> , 2020, 718, 137418.	8.0	31
7	Artificial soil aeration increases soil bacterial diversity and tomato root performance under greenhouse conditions. <i>Land Degradation and Development</i> , 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. <i>Plants</i> , 2021, 10, 759.	3.5	23
9	Drip irrigation mode affects tomato yield by regulating root-soil microbe interactions. <i>Agricultural Water Management</i> , 2022, 260, 107188.	5.6	23
10	Deficit Alternate Drip Irrigation Increased Root-Soil-Plant Interaction, Tomato Yield, and Quality. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 781.	2.6	12
11	The Response of Nutrient Uptake, Photosynthesis and Yield of Tomato to Biochar Addition under Reduced Nitrogen Application. <i>Agronomy</i> , 2021, 11, 1598.	3.0	12
12	Drip irrigation with film covering improves soil enzymes and muskmelon growth in the greenhouse. <i>Soil Research</i> , 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. <i>Journal of Food Process Engineering</i> , 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. <i>Agronomy</i> , 2020, 10, 315.	3.0	7
15	Responses of Bacterial Community, Root-Soil Interaction and Tomato Yield to Different Practices in Subsurface Drip Irrigation. <i>Sustainability</i> , 2020, 12, 2338.	3.2	6
16	Soil Aeration and Plastic Film Mulching Increase the Yield Potential and Quality of Tomato (<i>Solanum</i>) Tj ETQq0 0 0 rjBT /Overlock 10 Tf	3.1	6
17	Changes of Soil Water and Heat Transport and Yield of Tomato (<i>Solanum lycopersicum</i>) in Greenhouses with Micro-Sprinkler Irrigation under Plastic Film. <i>Agronomy</i> , 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. <i>Polymer Composites</i> , 2018, 39, 427-436.	4.6	4

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