

Chao Zhang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Mulching Measures Improve Soil Moisture in Rain-Fed Jujube (<i>Ziziphus jujuba</i> Mill.) Orchards in the Loess Hilly Region of China. <i>Sustainability</i> , 2021, 13, 610.	1.6	8
2	Improving winter wheat biomass and evapotranspiration simulation by assimilating leaf area index from spectral information into a crop growth model. <i>Agricultural Water Management</i> , 2021, 255, 107057.	2.4	10
3	Modelling future climate change impacts on winter wheat yield and water use: A case study in Guanzhong Plain, northwestern China. <i>European Journal of Agronomy</i> , 2020, 119, 126113.	1.9	38
4	Sloping Land Use Affects Soil Moisture and Temperature in the Loess Hilly Region of China. <i>Agronomy</i> , 2020, 10, 774.	1.3	2
5	Coupling Hyperspectral Remote Sensing Data with a Crop Model to Study Winter Wheat Water Demand. <i>Remote Sensing</i> , 2019, 11, 1684.	1.8	10
6	Evaluation of the Simple Algorithm for Yield Estimate Model in Winter Wheat Simulation under Different Irrigation Scenarios. <i>Agronomy Journal</i> , 2019, 111, 2970-2980.	0.9	7
7	Organic Amendments Improve Wheat Root Growth and Yield through Regulating Soil Properties. <i>Agronomy Journal</i> , 2019, 111, 482-495.	0.9	8
8	Land Use Affects Soil Moisture Response to Dramatic Short-term Rainfall Events in a Hillslope Catchment of the Chinese Loess Plateau. <i>Agronomy Journal</i> , 2019, 111, 1506-1515.	0.9	11
9	Assessment of Portable Chlorophyll Meters for Measuring Crop Leaf Chlorophyll Concentration. <i>Remote Sensing</i> , 2019, 11, 2706.	1.8	55
10	Retrieving Leaf and Canopy Water Content of Winter Wheat Using Vegetation Water Indices. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018, 11, 112-126.	2.3	31
11	Capability of crop water content for revealing variability of winter wheat grain yield and soil moisture under limited irrigation. <i>Science of the Total Environment</i> , 2018, 631-632, 677-687.	3.9	50
12	Organic Amendments Influence Soil Water Depletion, Root Distribution, and Water Productivity of Summer Maize in the Guanzhong Plain of Northwest China. <i>Water (Switzerland)</i> , 2018, 10, 1640.	1.2	4