

Anzhen Qin

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

336
citations

1040056

9
h-index

888059

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all docs

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docs citations

20
times ranked

314
citing authors

#	ARTICLE	IF	CITATIONS
1	Higher yield and lower carbon emission by intercropping maize with rape, pea, and wheat in arid irrigation areas. <i>Agronomy for Sustainable Development</i> , 2014, 34, 535-543.	5.3	124
2	Simple Assessment of Nitrogen Nutrition Index in Summer Maize by Using Chlorophyll Meter Readings. <i>Frontiers in Plant Science</i> , 2018, 9, 11.	3.6	41
3	Grain yields and evapotranspiration dynamics of drip-irrigated maize under high plant density across arid to semi-humid climates. <i>Agricultural Water Management</i> , 2021, 247, 106726.	5.6	26
4	Insentek Sensor: An Alternative to Estimate Daily Crop Evapotranspiration for Maize Plants. <i>Water (Switzerland)</i> , 2019, 11, 25.	2.7	21
5	Exploring the nitrogen source-sink ratio to quantify ear nitrogen accumulation in maize and wheat using critical nitrogen dilution curve. <i>Field Crops Research</i> , 2021, 274, 108332.	5.1	17
6	Incorporation of Manure into Ridge and Furrow Planting System Boosts Yields of Maize by Optimizing Soil Moisture and Improving Photosynthesis. <i>Agronomy</i> , 2019, 9, 865.	3.0	16
7	Effects of waterlogging at different stages on growth and ear quality of waxy maize. <i>Agricultural Water Management</i> , 2022, 266, 107603.	5.6	15
8	Silicon-Mediated Physiological and Agronomic Responses of Maize to Drought Stress Imposed at the Vegetative and Reproductive Stages. <i>Agronomy</i> , 2020, 10, 1136.	3.0	14
9	Analysis of the Accuracy of an FDR Sensor in Soil Moisture Measurement under Laboratory and Field Conditions. <i>Journal of Sensors</i> , 2021, 2021, 1-10.	1.1	9
10	Yield Response of Spring Maize to Inter-Row Subsoiling and Soil Water Deficit in Northern China. <i>PLoS ONE</i> , 2016, 11, e0153809.	2.5	9
11	Determining Threshold Values for a Crop Water Stress Index-Based Center Pivot Irrigation with Optimum Grain Yield. <i>Agriculture (Switzerland)</i> , 2021, 11, 958.	3.1	9
12	Response of Summer Maize Growth and Water Use to Different Irrigation Regimes. <i>Agronomy</i> , 2022, 12, 768.	3.0	8
13	Structural Equation Modeling of Soil Moisture Effects on Evapotranspiration of Maize in the North China Plain. <i>The National Academy of Sciences, India</i> , 2020, 43, 219-224.	1.3	6
14	Maize Yield as a Function of Water Availability across Precipitation Years in the North China Plain. <i>Crop Science</i> , 2017, 57, 2226-2237.	1.8	5
15	Estimating the Growth Indices and Nitrogen Status Based on Color Digital Image Analysis During Early Growth Period of Winter Wheat. <i>Frontiers in Plant Science</i> , 2021, 12, 619522.	3.6	5
16	Recalibrating plant water status of winter wheat based on nitrogen nutrition index using thermal images. <i>Precision Agriculture</i> , 2022, 23, 748-767.	6.0	4
17	Soil Moisture and Crop Evapotranspiration Forecast for Winter Wheat Based on Weather Information in North China Plain. , 2017, , .		3
18	Estimating the Impacts of Plant Internal Nitrogen Deficit at Key Top Dressing Stages on Corn Productivity and Intercepted Photosynthetic Active Radiation. <i>Frontiers in Plant Science</i> , 2022, 13, 864258.	3.6	2

#	ARTICLE	IF	CITATIONS
19	Evaluating Responses of Crop Water Use, Soil Water Storage and Infiltration to Precipitation Using Insentek Probes. , 2018, , .		1
20	Impacts of Irrigation Time and Well Depths on Farmersâ€™ Costs and Benefits in Maize Production. Agriculture (Switzerland), 2022, 12, 456.	3.1	1