

Guoqiang Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

428
citations

932766

10
h-index

996533

15
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16
all docs

16
docs citations

16
times ranked

259
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimizing water use efficiency and economic return of super high yield spring maize under drip irrigation and plastic mulching in arid areas of China. <i>Field Crops Research</i> , 2017, 211, 137-146.	2.3	117
2	Adjusting maize plant density to different climatic conditions across a large longitudinal distance in China. <i>Field Crops Research</i> , 2017, 212, 126-134.	2.3	90
3	Using irrigation intervals to optimize water-use efficiency and maize yield in Xinjiang, northwest China. <i>Crop Journal</i> , 2019, 7, 322-334.	2.3	47
4	Dry matter accumulation after silking and kernel weight are the key factors for increasing maize yield and water use efficiency. <i>Agricultural Water Management</i> , 2021, 254, 106938.	2.4	27
5	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.	2.4	26
6	Improving the yield potential in maize by constructing the ideal plant type and optimizing the maize canopy structure. <i>Food and Energy Security</i> , 2021, 10, e312.	2.0	22
7	Optimizing planting density to improve nitrogen use of super high yield maize. <i>Agronomy Journal</i> , 2020, 112, 4147-4158.	0.9	19
8	Nitrogen Split Application Can Improve the Stalk Lodging Resistance of Maize Planted at High Density. <i>Agriculture (Switzerland)</i> , 2020, 10, 364.	1.4	15
9	Optimized canopy structure improves maize grain yield and resource use efficiency. <i>Food and Energy Security</i> , 2022, 11, .	2.0	15
10	Improvement in Photosynthetic Rate and Grain Yield in Super-High-Yield Maize (<i>Zea mays</i> L.) by Optimizing Irrigation Interval under Mulch Drip Irrigation. <i>Agronomy</i> , 2020, 10, 1778.	1.3	14
11	Optimizing Grain Yield and Water Use Efficiency Based on the Relationship between Leaf Area Index and Evapotranspiration. <i>Agriculture (Switzerland)</i> , 2021, 11, 313.	1.4	11
12	Effects of Nitrogen Fertilizer Management on Stalk Lodging Resistance Traits in Summer Maize. <i>Agriculture (Switzerland)</i> , 2022, 12, 162.	1.4	7
13	Marginal superiority of maize: an indicator for density tolerance under high plant density. <i>Scientific Reports</i> , 2020, 10, 15378.	1.6	5
14	Weak border effects and great uniformity increase yield of maize (<i>Zea mays</i>) under dense population. <i>Crop and Pasture Science</i> , 2020, 71, 653.	0.7	5
15	Nitrogen Application and Dense Planting to Obtain High Yields from Maize. <i>Agronomy</i> , 2022, 12, 1308.	1.3	5
16	Optimizing row spacing increased radiation use efficiency and yield of maize. <i>Agronomy Journal</i> , 0, , .	0.9	3