

Taotao Chen

List of Publications by Year in descending order

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15
papers

280
citations

1051969

10
h-index

1113639

15
g-index

15
all docs

15
docs citations

15
times ranked

307
citing authors

#	ARTICLE	IF	CITATIONS
1	Zeolite increases grain yield and potassium balance in paddy fields. <i>Geoderma</i> , 2022, 405, 115397.	2.3	12
2	Zeolite increases paddy soil potassium fixation, partial factor productivity, and potassium balance under alternate wetting and drying irrigation. <i>Agricultural Water Management</i> , 2022, 260, 107294.	2.4	13
3	Zeolite application increases grain yield and mitigates greenhouse gas emissions under alternate wetting and drying rice system. <i>Science of the Total Environment</i> , 2022, 838, 156067.	3.9	10
4	Zeolite alleviates potassium deficiency and improves lodging-related stem morphological characteristics and grain yield in rice. <i>Crop and Pasture Science</i> , 2021, 72, 407-415.	0.7	5
5	Global Sensitivity Analysis of the Standardized Precipitation Evapotranspiration Index at Different Time Scales in Jilin Province, China. <i>Sustainability</i> , 2020, 12, 1713.	1.6	7
6	Soil nitrogen regulation using clinoptilolite for grain filling and grain quality improvements in rice. <i>Soil and Tillage Research</i> , 2020, 199, 104547.	2.6	24
7	Zeolite amendment enhances rice production, nitrogen accumulation and translocation in wetting and drying irrigation paddy field. <i>Agricultural Water Management</i> , 2020, 235, 106126.	2.4	22
8	Influence of Zeolite and Phosphorus Applications on Water Use, P Uptake and Yield in Rice under Different Irrigation Managements. <i>Agronomy</i> , 2019, 9, 537.	1.3	16
9	Zeolite amendment coupled with alternate wetting and drying to reduce nitrogen loss and enhance rice production. <i>Field Crops Research</i> , 2019, 235, 95-103.	2.3	32
10	Effect of zeolite application on phenology, grain yield and grain quality in rice under water stress. <i>Agricultural Water Management</i> , 2018, 206, 241-251.	2.4	38
11	Influences of irrigation, nitrogen and zeolite management on the physicochemical properties of rice. <i>Archives of Agronomy and Soil Science</i> , 2017, 63, 1210-1226.	1.3	21
12	The Influence of Zeolite Amendment on Yield Performance, Quality Characteristics, and Nitrogen Use Efficiency of Paddy Rice. <i>Crop Science</i> , 2017, 57, 2777-2787.	0.8	19
13	Trend and Cycle Analysis of Annual and Seasonal Precipitation in Liaoning, China. <i>Advances in Meteorology</i> , 2016, 2016, 1-15.	0.6	8
14	Assessment of Drought Impact on Main Cereal Crops Using a Standardized Precipitation Evapotranspiration Index in Liaoning Province, China. <i>Sustainability</i> , 2016, 8, 1069.	1.6	48
15	Effects of Nitrogen and Zeolite on Rice Grain Yield, Water and Nitrogen Use, and Soil Total Nitrogen in Coastal Region of Northeast China. <i>Communications in Soil Science and Plant Analysis</i> , 2016, 47, 2103-2114.	0.6	5