Zongkui Chen

List of Publications by Year
in descending order

12	231	1162889 8	1199470 12
papers	citations	h-index	g-index

12	12	12	152
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Grain starch, fatty acids, and amino acids determine the pasting properties in dry cultivation plus rice cultivars. Food Chemistry, 2022, 373, 131472.	4.2	7
2	Evaluation of resource and energy utilization, environmental and economic benefits of rice water-saving irrigation technologies in a rice-wheat rotation system. Science of the Total Environment, 2021, 757, 143748.	3.9	36
3	Dry cultivation and cultivar affect starch synthesis and traits to define rice grain quality in various panicle parts. Carbohydrate Polymers, 2021, 269, 118336.	5.1	16
4	Dry cultivation with ratoon system impacts rice quality using rice flour physicochemical traits, fatty and amino acids contents. Food Research International, 2021, 150, 110764.	2.9	5
5	Waterâ€saving cultivation plus super rice hybrid genotype improves water productivity and yield. Agronomy Journal, 2020, 112, 1764-1777.	0.9	8
6	Water-nutrient management enhances root morpho-physiological functioning, phosphorus absorption, transportation and utilization of cotton in arid region. Industrial Crops and Products, 2020, 143, 111975.	2.5	13
7	Metabolomic analysis reveals metabolites and pathways involved in grain quality traits of high-quality rice cultivars under a dry cultivation system. Food Chemistry, 2020, 326, 126845.	4.2	33
8	The combination of limited irrigation and high plant density optimizes canopy structure and improves the water use efficiency of cotton. Agricultural Water Management, 2019, 218, 139-148.	2.4	32
9	Pre-Sowing Irrigation Plus Surface Fertilization Improves Morpho-Physiological Traits and Sustaining Water-Nitrogen Productivity of Cotton. Agronomy, 2019, 9, 772.	1.3	5
10	Biomass Accumulation, Photosynthetic Traits and Root Development of Cotton as Affected by Irrigation and Nitrogen-Fertilization. Frontiers in Plant Science, 2018, 9, 173.	1.7	58
11	Presowing fertigation effects on soil moisture absorption and consumption of cotton in arid regions. Agricultural Water Management, 2018, 210, 130-139.	2.4	3
12	Optimal pre-plant irrigation and fertilization can improve biomass accumulation by maintaining the root and leaf productive capacity of cotton crop. Scientific Reports, 2017, 7, 17168.	1.6	15