

# Zongkui Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7187135/publications.pdf>

Version: 2024-02-01

12  
papers

231  
citations

1162889

8  
h-index

1199470

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

152  
citing authors

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