

Charles P Chen

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1653996/charles-p-chen-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

369
citations

11
h-index

14
g-index

14
ext. papers

422
ext. citations

5.7
avg, IF

3.05
L-index

#	Paper	IF	Citations
14	Heat-Mitigation Effects of Irrigated Rice-Paddy Fields Under Changing Atmospheric Carbon Dioxide Based on a Coupled Atmosphere and Crop Energy-Balance Model. <i>Boundary-Layer Meteorology</i> , 2021 , 179, 447-476	3.4	1
13	A High-Yielding Rice Cultivar "Takanari" Shows No N Constraints on CO Fertilization. <i>Frontiers in Plant Science</i> , 2019 , 10, 361	6.2	20
12	High mesophyll conductance in the high-yielding rice cultivar Takanari quantified with the combined gas exchange and chlorophyll fluorescence measurements under free-air CO ₂ enrichment. <i>Plant Production Science</i> , 2019 , 22, 395-406	2.4	10
11	Increasing canopy photosynthesis in rice can be achieved without a large increase in water use-A model based on free-air CO ₂ enrichment. <i>Global Change Biology</i> , 2018 , 24, 1321-1341	11.4	33
10	Nitrogen resorption in senescing leaf blades of rice exposed to free-air CO ₂ enrichment (FACE) under different N fertilization levels. <i>Plant and Soil</i> , 2017 , 418, 231-240	4.2	4
9	Nitrogen Distribution in Leaf Canopies of High-Yielding Rice Cultivar Takanari. <i>Crop Science</i> , 2017 , 57, 2080-2088	2.4	14
8	Do the rich always become richer? Characterizing the leaf physiological response of the high-yielding rice cultivar Takanari to free-air CO ₂ enrichment. <i>Plant and Cell Physiology</i> , 2014 , 55, 381-91	4.9	40
7	Overcoming the difficulties in collecting apoplastic fluid from rice leaves by the infiltration-centrifugation method. <i>Plant and Cell Physiology</i> , 2012 , 53, 1659-68	4.9	23
6	Leaf ascorbic acid level--is it really important for ozone tolerance in rice?. <i>Plant Physiology and Biochemistry</i> , 2012 , 59, 63-70	5.4	39
5	Investigations on spikelet formation in hybrid rice as affected by elevated tropospheric ozone concentration in China. <i>Agriculture, Ecosystems and Environment</i> , 2012 , 150, 63-71	5.7	26
4	The OzT8 locus in rice protects leaf carbon assimilation rate and photosynthetic capacity under ozone stress. <i>Plant, Cell and Environment</i> , 2011 , 34, 1141-9	8.4	20
3	Mechanisms of ozone tolerance in rice: characterization of two QTLs affecting leaf bronzing by gene expression profiling and biochemical analyses. <i>Journal of Experimental Botany</i> , 2010 , 61, 1405-17	7	74
2	Is a short, sharp shock equivalent to long-term punishment? Contrasting the spatial pattern of acute and chronic ozone damage to soybean leaves via chlorophyll fluorescence imaging. <i>Plant, Cell and Environment</i> , 2009 , 32, 327-35	8.4	36
1	The effect of leaf-level spatial variability in photosynthetic capacity on biochemical parameter estimates using the Farquhar model: a theoretical analysis. <i>Plant Physiology</i> , 2008 , 148, 1139-47	6.6	29