

Guoyou Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

325
citations

1039406

9
h-index

1125271

13
g-index

14
all docs

14
docs citations

14
times ranked

395
citing authors

#	ARTICLE	IF	CITATIONS
1	Responses of photosynthesis, lipid peroxidation and antioxidant system in leaves of <i>Quercus mongolica</i> to elevated O ₃ . <i>Environmental and Experimental Botany</i> , 2010, 69, 198-204.	2.0	63
2	The effects of free-air CO ₂ enrichment (FACE) on carbon and nitrogen accumulation in grains of rice (<i>Oryza sativa</i> L.). <i>Journal of Experimental Botany</i> , 2013, 64, 3179-3188.	2.4	49
3	Grain growth of different rice cultivars under elevated CO ₂ concentrations affects yield and quality. <i>Field Crops Research</i> , 2015, 179, 72-80.	2.3	45
4	Variation of the light stable isotopes in the superior and inferior grains of rice (<i>Oryza sativa</i> L.) with different geographical origins. <i>Food Chemistry</i> , 2016, 209, 95-98.	4.2	35
5	A High-Yielding Rice Cultivar "Takanari" Shows No N Constraints on CO ₂ Fertilization. <i>Frontiers in Plant Science</i> , 2019, 10, 361.	1.7	31
6	Elevated CO ₂ ameliorated oxidative stress induced by elevated O ₃ in <i>Quercus mongolica</i> . <i>Acta Physiologiae Plantarum</i> , 2010, 32, 375-385.	1.0	30
7	Ethylenediurea offers moderate protection against ozone-induced rice yield loss under high ozone pollution. <i>Science of the Total Environment</i> , 2022, 806, 151341.	3.9	23
8	Ethylenediurea (EDU) protects inbred but not hybrid cultivars of rice from yield losses due to surface ozone. <i>Environmental Science and Pollution Research</i> , 2021, 28, 68946-68956.	2.7	16
9	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.	0.9	13
10	Egg Safety Standards in China Need To Be Improved. <i>Journal of Food Protection</i> , 2016, 79, 512-518.	0.8	7
11	Variation of Antioxidant System in <i>Pinus armandii</i> under Elevated O ₃ in an Entire Growth Season. <i>Clean - Soil, Air, Water</i> , 2013, 41, 5-10.	0.7	6
12	Elevated CO ₂ and positional variation in cereal grains. <i>Crop Science</i> , 2021, 61, 3859-3860.	0.8	5
13	Effect of foliar spray of kinetin on the enhancement of rice yield by elevated CO ₂ . <i>Journal of Agronomy and Crop Science</i> , 2021, 207, 535-543.	1.7	2
14	A GIS-based spatial extent in gradient analysis of urban green space pattern in Shenyang, China. , 2011, , .		0