Guoyou Zhang

List of Publications by Citations

13 papers	217 citations	7 h-index	14 g-index
14 ext. papers	287 ext. citations	4.8 avg, IF	2.38 L-index

#	Paper	IF	Citations
13	Responses of photosynthesis, lipid peroxidation and antioxidant system in leaves of Quercus mongolica to elevated O3. *Environmental and Experimental Botany*, **2010**, 69, 198-204	5.9	54
12	The effects of free-air CO enrichment (FACE) on carbon and nitrogen accumulation in grains of rice (Oryza sativa L.). *Journal of Experimental Botany*, **2013**, 64, 3179-88	7	37
11	Grain growth of different rice cultivars under elevated CO2 concentrations affects yield and quality. *Field Crops Research*, **2015**, 179, 72-80	5.5	29
10	Elevated CO2 ameliorated oxidative stress induced by elevated O3 in Quercus mongolica. *Acta Physiologiae Plantarum*, **2010**, 32, 375-385	2.6	25
9	Variation of the light stable isotopes in the superior and inferior grains of rice (Oryza sativa L.) with different geographical origins. *Food Chemistry*, **2016**, 209, 95-8	8.5	22
8	A High-Yielding Rice Cultivar "Takanari" Shows No N Constraints on CO Fertilization. *Frontiers in Plant Science*, **2019**, 10, 361	6.2	20
7	High mesophyll conductance in the high-yielding rice cultivar Takanari quantified with the combined gas exchange and chlorophyll fluorescence measurements under free-air CO2 enrichment. *Plant Production Science*, **2019**, 22, 395-406	2.4	10
6	Egg Safety Standards in China Need To Be Improved. *Journal of Food Protection*, **2016**, 79, 512-8	2.5	6
5	Variation of Antioxidant System in Pinus armandii under Elevated O3 in an Entire Growth Season. *Clean - Soil, Air, Water*, **2013**, 41, 5-10	1.6	5
4	Ethylenediurea (EDU) protects inbred but not hybrid cultivars of rice from yield losses due to surface ozone. *Environmental Science and Pollution Research*, **2021**, 1	5.1	5
3	Ethylenediurea offers moderate protection against ozone-induced rice yield loss under high ozone pollution. *Science of the Total Environment*, **2022**, 806, 151341	10.2	3
2	Elevated CO2 and positional variation in cereal grains. *Crop Science*,	2.4	1
1	Effect of foliar spray of kinetin on the enhancement of rice yield by elevated CO2. *Journal of Agronomy and Crop Science*, **2021**, 207, 535-543	3.9	0