Jiuchang Su

List of Publications by Year
in descending order

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9 papers	235 citations	1307594 7 h-index	1474206 9 g-index
9 all docs	9 docs citations	9 times ranked	202 citing authors

#	Article	IF	Citations
1	Hydrogen-induced osmotic tolerance is associated with nitric oxide-mediated proline accumulation and reestablishment of redox balance in alfalfa seedlings. Environmental and Experimental Botany, 2018, 147, 249-260.	4.2	64
2	Endogenous hydrogen gas delays petal senescence and extends the vase life of lisianthus cut flowers. Postharvest Biology and Technology, 2019, 147, 148-155.	6.0	42
3	Molecular hydrogenâ€“induced salinity tolerance requires melatonin signalling in<scp>Arabidopsis thaliana</scp>. Plant, Cell and Environment, 2021, 44, 476-490.	5.7	35
4	Nitric oxide contributes to methane-induced osmotic stress tolerance in mung bean. BMC Plant Biology, 2018, 18, 207.	3.6	27
5	Genetic elucidation of hydrogen signaling in plant osmotic tolerance and stomatal closure via hydrogen sulfide. Free Radical Biology and Medicine, 2020, 161, 1-14.	2.9	26
6	Nitric Oxide Enhances Rice Resistance to Rice Black-Streaked Dwarf Virus Infection. Rice, 2020, 13, 24.	4.0	17
7	Methane control of cadmium tolerance in alfalfa roots requires hydrogen sulfide. Environmental Pollution, 2021, 284, 117123.	7.5	12
8	Hydrogen-induced tolerance against osmotic stress in alfalfa seedlings involves ABA signaling. Plant and Soil, 2019, 445, 409-423.	3.7	7
9	Methyl-coenzyme M reductase-dependent endogenous methane enhances plant tolerance against abiotic stress and alters ABA sensitivity in Arabidopsis thaliana. Plant Molecular Biology, 2019, 101, 439-454.	3.9	5