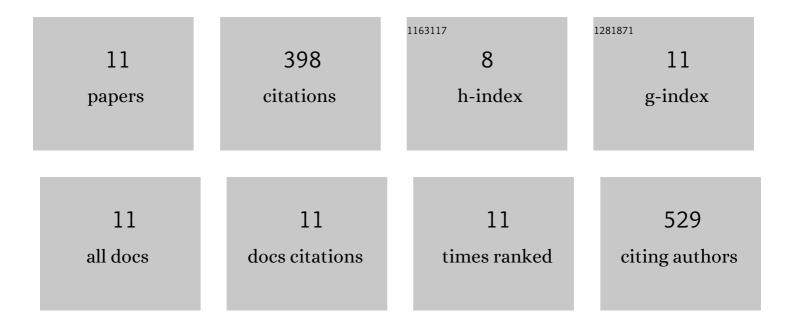
Doug Van Hoewyk

List of Publications by Year in descending order

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DOUG VAN HOFWAR

#	Article	IF	CITATIONS
1	A tale of two toxicities: malformed selenoproteins and oxidative stress both contribute to selenium stress in plants. Annals of Botany, 2013, 112, 965-972.	2.9	196
2	Malformed Selenoproteins Are Removed by the Ubiquitin–Proteasome Pathway in Stanleya pinnata. Plant and Cell Physiology, 2012, 53, 555-564.	3.1	53
3	The ubiquitin-proteasome pathway protects Chlamydomonas reinhardtii against selenite toxicity, but is impaired as reactive oxygen species accumulate. AoB PLANTS, 2014, 6, plu062-plu062.	2.3	37
4	Use of the non-radioactive SUnSET method to detect decreased protein synthesis in proteasome inhibited Arabidopsis roots. Plant Methods, 2016, 12, 20.	4.3	28
5	Superoxide generated from the glutathione-mediated reduction of selenite damages the iron-sulfur cluster of chloroplastic ferredoxin. Plant Physiology and Biochemistry, 2016, 106, 228-235.	5.8	25
6	Defects in endoplasmic reticulum-associated degradation (ERAD) increase selenate sensitivity in Arabidopsis. Plant Signaling and Behavior, 2018, 13, e1171451.	2.4	24
7	Stuck between a ROS and a hard place: Analysis of the ubiquitin proteasome pathway in selenocysteine treated Brassica napus reveals different toxicities during selenium assimilation. Journal of Plant Physiology, 2015, 181, 50-54.	3.5	19
8	Proteasome inhibition rapidly exacerbates photoinhibition and impedes recovery during high light stress in Chlamydomonas reinhardtii. BMC Plant Biology, 2020, 20, 22.	3.6	9
9	Profiling of proteasome activity in Alyssum species on serpentine soils in Turkey reveals possible insight into nickel tolerance and accumulation. Plant Physiology and Biochemistry, 2018, 124, 184-189.	5.8	5
10	Bringing the Dead Compartment of a Plant Cell to Life: A Novel Imaging Technique Resurrects the Dynamic Nature of the Apoplast. Frontiers in Plant Science, 2011, 2, 52.	3.6	1
11	Proteasome Inhibition in Brassica napus Roots Increases Amino Acid Synthesis to Offset Reduced Proteolysis. Plant and Cell Physiology, 2020, 61, 1028-1040.	3.1	1