

Sacha Bohler

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

617
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

980
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-Induced Oxidative Stress and Plant Mitochondria. <i>International Journal of Molecular Sciences</i> , 2011, 12, 6894-6918.	4.1	161
2	Differential response of Arabidopsis leaves and roots to cadmium: Glutathione-related chelating capacity vs antioxidant capacity. <i>Plant Physiology and Biochemistry</i> , 2014, 83, 1-9.	5.8	110
3	A DIGE analysis of developing poplar leaves subjected to ozone reveals major changes in carbon metabolism. <i>Proteomics</i> , 2007, 7, 1584-1599.	2.2	104
4	Both the concentration and redox state of glutathione and ascorbate influence the sensitivity of arabidopsis to cadmium. <i>Annals of Botany</i> , 2015, 116, 601-612.	2.9	70
5	The impact of atmospheric composition on plants: A case study of ozone and poplar. <i>Mass Spectrometry Reviews</i> , 2009, 28, 495-516.	5.4	64
6	Differential impact of chronic ozone exposure on expanding and fully expanded poplar leaves. <i>Tree Physiology</i> , 2010, 30, 1415-1432.	3.1	30
7	A physiological and proteomic study of poplar leaves during ozone exposure combined with mild drought. <i>Proteomics</i> , 2013, 13, 1737-1754.	2.2	27
8	A Difference Gel Electrophoresis Study on Thylakoids Isolated from Poplar Leaves Reveals a Negative Impact of Ozone Exposure on Membrane Proteins. <i>Journal of Proteome Research</i> , 2011, 10, 3003-3011.	3.7	20
9	Problems inherent to a meta-analysis of proteomics data: A case study on the plants' response to Cd in different cultivation conditions. <i>Journal of Proteomics</i> , 2014, 108, 30-54.	2.4	19
10	Acetaminophen Overdose as a Potential Risk Factor for Parkinson's Disease. <i>Clinical and Translational Science</i> , 2019, 12, 609-616.	3.1	6
11	Genes associated with Parkinson's disease respond to increasing polychlorinated biphenyl levels in the blood of healthy females. <i>Environmental Pollution</i> , 2019, 250, 107-117.	7.5	3
12	Transcriptomics analysis of human iPSC-derived dopaminergic neurons reveals a novel model for sporadic Parkinson's disease. <i>Molecular Psychiatry</i> , 2022, 27, 4355-4367.	7.9	3