Brett Williams

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5511437/publications.pdf

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27 papers	2,094 citations	394421 19 h-index	526287 27 g-index
27 all docs	27 docs citations	27 times ranked	2728 citing authors

#	Article	IF	Citations
1	Tipping the Balance: Sclerotinia sclerotiorum Secreted Oxalic Acid Suppresses Host Defenses by Manipulating the Host Redox Environment. PLoS Pathogens, 2011, 7, e1002107.	4.7	403
2	Cell Death Control: The Interplay of Apoptosis and Autophagy in the Pathogenicity of Sclerotinia sclerotiorum. PLoS Pathogens, 2013, 9, e1003287.	4.7	252
3	Improvement of Salinity Stress Tolerance in Rice: Challenges and Opportunities. Agronomy, 2016, 6, 54.	3.0	177
4	AtBAG7 , an Arabidopsis Bcl-2â€“associated athanogene, resides in the endoplasmic reticulum and is involved in the unfolded protein response. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 6088-6093.	7.1	137
5	The Life and Death of a Plant Cell. Annual Review of Plant Biology, 2017, 68, 375-404.	18.7	135
6	A footprint of desiccation tolerance in the genome of Xerophyta viscosa. Nature Plants, 2017, 3, 17038.	9.3	123
7	Plant programmed cell death: can't live with it; can't live without it. Molecular Plant Pathology, 2008, 9, 531-544.	4.2	105
8	Arabidopsis Bâ€cell lymphoma2 (Bclâ€2)â€associated athanogene 7 (<scp>BAG</scp>7)â€mediated heat tolerance requires translocation, sumoylation and binding to <scp>WRKY</scp>29. New Phytologist, 2017, 214, 695-705.	7.3	96
9	Trehalose Accumulation Triggers Autophagy during Plant Desiccation. PLoS Genetics, 2015, 11, e1005705.	3.5	94
10	When supply does not meet demand-ER stress and plant programmed cell death. Frontiers in Plant Science, 2014, 5, 211.	3.6	83
11	Characterization of Linkage Disequilibrium and Population Structure in a Mungbean Diversity Panel. Frontiers in Plant Science, 2017, 8, 2102.	3.6	71
12	Development of salinity tolerance in rice by constitutive-overexpression of genes involved in the regulation of programmed cell death. Frontiers in Plant Science, 2015, 6, 175.	3.6	67
13	Reassessing apoptosis in plants. Nature Plants, 2017, 3, 773-779.	9.3	67
14	The CuZn superoxide dismutase from Sclerotinia sclerotiorum is involved with oxidative stress tolerance, virulence, and oxalate production. Physiological and Molecular Plant Pathology, 2012, 78, 14-23.	2.5	45
15	Investigation of Baseline Iron Levels in Australian Chickpea and Evaluation of a Transgenic Biofortification Approach. Frontiers in Plant Science, 2018, 9, 788.	3.6	33
16	Tripogon loliiformis elicits a rapid physiological and structural response to dehydration for desiccation tolerance. Functional Plant Biology, 2016, 43, 643.	2.1	28
17	Characterisation of chickpea cropping systems in Australia for major abiotic production constraints. Field Crops Research, 2017, 204, 120-134.	5.1	26
18	An osmotin from the resurrection plant Tripogon loliiformis (<scp>TlOsm</scp>) confers tolerance to multiple abiotic stresses in transgenic rice. Physiologia Plantarum, 2018, 162, 13-34.	5.2	26

#	Article	IF	Citations
19	Physiological basis of salt stress tolerance in rice expressing the antiapoptotic gene SfIAP. Functional Plant Biology, 2014, 41, 1168.	2.1	24
20	Saving for a rainy day: Control of energy needs in resurrection plants. Plant Science, 2018, 271, 62-66.	3.6	18
21	Functional assessment of plant and microalgal lipid pathway genes in yeast to enhance microbial industrial oil production. Biotechnology and Applied Biochemistry, 2018, 65, 138-144.	3.1	18
22	Improved molecular tools for sugar cane biotechnology. Plant Molecular Biology, 2014, 84, 497-508.	3.9	15
23	A Bcl-2 Associated Athanogene (bagA) Modulates Sexual Development and Secondary Metabolism in the Filamentous Fungus Aspergillus nidulans. Frontiers in Microbiology, 2018, 9, 1316.	3.5	13
24	A Wild Cajanus scarabaeoides (L.), Thouars, IBS 3471, for Improved Insect-Resistance in Cultivated Pigeonpea. Agronomy, 2020, 10, 517.	3.0	13
25	Comparative Analysis Delineates the Transcriptional Resistance Mechanisms for Pod Borer Resistance in the Pigeonpea Wild Relative Cajanus scarabaeoides (L.) Thouars. International Journal of Molecular Sciences, 2021, 22, 309.	4.1	13
26	Genome-Wide Investigation of the Role of MicroRNAs in Desiccation Tolerance in the Resurrection Grass Tripogon loliiformis. Plants, 2018, 7, 68.	3.5	8
27	Comparative TMT Proteomic Analysis Unveils Unique Insights into Helicoverpa armigera (HÃ¼bner) Resistance in Cajanus scarabaeoides (L.) Thouars. International Journal of Molecular Sciences, 2021, 22, 5941.	4.1	4