

# Brett Williams

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Comparative TMT Proteomic Analysis Unveils Unique Insights into <i>Helicoverpa armigera</i> (H <sup>14</sup> bner) Resistance in <i>Cajanus scarabaeoides</i> (L.) Thouars. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5941.	4.1	4
2	Comparative Analysis Delineates the Transcriptional Resistance Mechanisms for Pod Borer Resistance in the Pigeonpea Wild Relative <i>Cajanus scarabaeoides</i> (L.) Thouars. <i>International Journal of Molecular Sciences</i> , 2021, 22, 309.	4.1	13
3	A Wild <i>Cajanus scarabaeoides</i> (L.), Thouars, IBS 3471, for Improved Insect-Resistance in Cultivated Pigeonpea. <i>Agronomy</i> , 2020, 10, 517.	3.0	13
4	Saving for a rainy day: Control of energy needs in resurrection plants. <i>Plant Science</i> , 2018, 271, 62-66.	3.6	18
5	An osmotin from the resurrection plant <i>Tripogon loliiformis</i> ( <i>TlOsm</i> ) confers tolerance to multiple abiotic stresses in transgenic rice. <i>Physiologia Plantarum</i> , 2018, 162, 13-34.	5.2	26
6	Functional assessment of plant and microalgal lipid pathway genes in yeast to enhance microbial industrial oil production. <i>Biotechnology and Applied Biochemistry</i> , 2018, 65, 138-144.	3.1	18
7	Genome-Wide Investigation of the Role of MicroRNAs in Desiccation Tolerance in the Resurrection Grass <i>Tripogon loliiformis</i> . <i>Plants</i> , 2018, 7, 68.	3.5	8
8	Investigation of Baseline Iron Levels in Australian Chickpea and Evaluation of a Transgenic Biofortification Approach. <i>Frontiers in Plant Science</i> , 2018, 9, 788.	3.6	33
9	A Bcl-2 Associated Athanogene ( <i>bagA</i> ) Modulates Sexual Development and Secondary Metabolism in the Filamentous Fungus <i>Aspergillus nidulans</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 1316.	3.5	13
10	The Life and Death of a Plant Cell. <i>Annual Review of Plant Biology</i> , 2017, 68, 375-404.	18.7	135
11	Characterisation of chickpea cropping systems in Australia for major abiotic production constraints. <i>Field Crops Research</i> , 2017, 204, 120-134.	5.1	26
12	A footprint of desiccation tolerance in the genome of <i>Xerophyta viscosa</i> . <i>Nature Plants</i> , 2017, 3, 17038.	9.3	123
13	<i>Arabidopsis</i> B <sup>2</sup> cell lymphoma2 (Bcl <sup>2</sup> )-associated athanogene 7 ( <i>BAG7</i> )-mediated heat tolerance requires translocation, sumoylation and binding to <i>WRKY29</i> . <i>New Phytologist</i> , 2017, 214, 695-705.	7.3	96
14	Reassessing apoptosis in plants. <i>Nature Plants</i> , 2017, 3, 773-779.	9.3	67
15	Characterization of Linkage Disequilibrium and Population Structure in a Mungbean Diversity Panel. <i>Frontiers in Plant Science</i> , 2017, 8, 2102.	3.6	71
16	Improvement of Salinity Stress Tolerance in Rice: Challenges and Opportunities. <i>Agronomy</i> , 2016, 6, 54.	3.0	177
17	<i>Tripogon loliiformis</i> elicits a rapid physiological and structural response to dehydration for desiccation tolerance. <i>Functional Plant Biology</i> , 2016, 43, 643.	2.1	28
18	Trehalose Accumulation Triggers Autophagy during Plant Desiccation. <i>PLoS Genetics</i> , 2015, 11, e1005705.	3.5	94

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19	Development of salinity tolerance in rice by constitutive-overexpression of genes involved in the regulation of programmed cell death. <i>Frontiers in Plant Science</i> , 2015, 6, 175.	3.6	67
20	When supply does not meet demand-ER stress and plant programmed cell death. <i>Frontiers in Plant Science</i> , 2014, 5, 211.	3.6	83
21	Physiological basis of salt stress tolerance in rice expressing the antiapoptotic gene SfiAP. <i>Functional Plant Biology</i> , 2014, 41, 1168.	2.1	24
22	Improved molecular tools for sugar cane biotechnology. <i>Plant Molecular Biology</i> , 2014, 84, 497-508.	3.9	15
23	Cell Death Control: The Interplay of Apoptosis and Autophagy in the Pathogenicity of <i>Sclerotinia sclerotiorum</i> . <i>PLoS Pathogens</i> , 2013, 9, e1003287.	4.7	252
24	The CuZn superoxide dismutase from <i>Sclerotinia sclerotiorum</i> is involved with oxidative stress tolerance, virulence, and oxalate production. <i>Physiological and Molecular Plant Pathology</i> , 2012, 78, 14-23.	2.5	45
25	Tipping the Balance: <i>Sclerotinia sclerotiorum</i> Secreted Oxalic Acid Suppresses Host Defenses by Manipulating the Host Redox Environment. <i>PLoS Pathogens</i> , 2011, 7, e1002107.	4.7	403
26	<i>AtBAG7</i> , an <i>Arabidopsis</i> Bcl-2-associated athanogene, resides in the endoplasmic reticulum and is involved in the unfolded protein response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6088-6093.	7.1	137
27	Plant programmed cell death: can't live with it; can't live without it. <i>Molecular Plant Pathology</i> , 2008, 9, 531-544.	4.2	105