

Dawn Worrall

List of Publications by Year in descending order

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16
papers

1,314
citations

687363

13
h-index

940533

16
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docs citations

16
times ranked

1764
citing authors

#	ARTICLE	IF	CITATIONS
1	The Activity of Arabidopsis Glycosyltransferases toward Salicylic Acid, 4-Hydroxybenzoic Acid, and Other Benzoates. <i>Journal of Biological Chemistry</i> , 2002, 277, 586-592.	3.4	245
2	Heat-stable antifreeze protein from grass. <i>Nature</i> , 2000, 406, 256-256.	27.8	223
3	Treating seeds with activators of plant defence generates long-lasting priming of resistance to pests and pathogens. <i>New Phytologist</i> , 2012, 193, 770-778.	7.3	183
4	The anther-specific protein encoded by the <i>Brassica napus</i> and <i>Arabidopsis thaliana</i> A6 gene displays similarity to beta-1,3-glucanases. <i>Plant Journal</i> , 1993, 4, 1023-1033.	5.7	151
5	Involvement of sphingosine kinase in plant cell signalling. <i>Plant Journal</i> , 2008, 56, 64-72.	5.7	109
6	Evolution of substrate recognition across a multigene family of glycosyltransferases in <i>Arabidopsis</i> . <i>Glycobiology</i> , 2003, 13, 139-145.	2.5	103
7	Sphingolipids, new players in plant signaling. <i>Trends in Plant Science</i> , 2003, 8, 317-320.	8.8	89
8	Distribution and Characterization of Recrystallization Inhibitor Activity in Plant and Lichen Species from the UK and Maritime Antarctic. <i>Cryobiology</i> , 2000, 40, 218-227.	0.7	51
9	An isoleucine residue acts as a thermal and regulatory switch in wheat Rubisco activase. <i>Plant Journal</i> , 2020, 103, 742-751.	5.7	46
10	Jasmonic acid-dependent regulation of seed dormancy following maternal herbivory in <i>Arabidopsis</i> . <i>New Phytologist</i> , 2017, 214, 1702-1711.	7.3	38
11	Hybrid Cyanobacterial-Tobacco Rubisco Supports Autotrophic Growth and Procarboxysomal Aggregation. <i>Plant Physiology</i> , 2020, 182, 807-818.	4.8	23
12	A procedure to introduce point mutations into the Rubisco large subunit gene in wild-type plants. <i>Plant Journal</i> , 2021, 106, 876-887.	5.7	17
13	Rubisco activation by wheat Rubisco activase isoform 2 ¹ 2 is insensitive to inhibition by ADP. <i>Biochemical Journal</i> , 2019, 476, 2595-2606.	3.7	13
14	Long-Lasting Defence Priming by γ^2 -Aminobutyric Acid in Tomato Is Marked by Genome-Wide Changes in DNA Methylation. <i>Frontiers in Plant Science</i> , 2022, 13, 836326.	3.6	13
15	Pollen maturation: Where ubiquitin is not required?. <i>BioEssays</i> , 1994, 16, 873-875.	2.5	7
16	A novel transient assay system demonstrates that DT-Atsm is a temperature-sensitive toxin in plant tissues. <i>Plant Science</i> , 1996, 113, 59-65.	3.6	3