

Eva Miedes

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

1,387
citations

17
h-index

27
g-index

27
ext. papers

2,060
ext. citations

6.2
avg. IF

4.63
L-index

#	Paper	IF	Citations
25	The role of the secondary cell wall in plant resistance to pathogens. <i>Frontiers in Plant Science</i> , 2014 , 5, 358	6.2	264
24	Plant cell wall-mediated immunity: cell wall changes trigger disease resistance responses. <i>Plant Journal</i> , 2018 , 93, 614-636	6.9	181
23	The Arabidopsis leucine-rich repeat receptor kinase MIK2/LRR-KISS connects cell wall integrity sensing, root growth and response to abiotic and biotic stresses. <i>PLoS Genetics</i> , 2017 , 13, e1006832	6	114
22	Disruption of abscisic acid signaling constitutively activates Arabidopsis resistance to the necrotrophic fungus <i>Plectosphaerella cucumerina</i> . <i>Plant Physiology</i> , 2012 , 160, 2109-24	6.6	104
21	Arabidopsis heterotrimeric G-protein regulates cell wall defense and resistance to necrotrophic fungi. <i>Molecular Plant</i> , 2012 , 5, 98-114	14.4	103
20	Xyloglucan endotransglucosylase/hydrolases (XTHs) during tomato fruit growth and ripening. <i>Journal of Plant Physiology</i> , 2009 , 166, 489-98	3.6	75
19	Xyloglucan endotransglucosylase/hydrolase (XTH) overexpression affects growth and cell wall mechanics in etiolated Arabidopsis hypocotyls. <i>Journal of Experimental Botany</i> , 2013 , 64, 2481-97	7	70
18	Xyloglucan endotransglucosylase and cell wall extensibility. <i>Journal of Plant Physiology</i> , 2011 , 168, 196-208		53
17	Overexpression of a cell wall enzyme reduces xyloglucan depolymerization and softening of transgenic tomato fruits. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 5708-13	5.7	53
16	Expression of fungal acetyl xylan esterase in Arabidopsis thaliana improves saccharification of stem lignocellulose. <i>Plant Biotechnology Journal</i> , 2016 , 14, 387-97	11.6	51
15	Apple (<i>Malus domestica</i>) and tomato (<i>Lycopersicon esculentum</i>) fruits cell-wall hemicelluloses and xyloglucan degradation during <i>Penicillium expansum</i> infection. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 7957-63	5.7	45
14	Expression of xyloglucan endotransglucosylase/hydrolase (XTH) genes and XET activity in ethylene treated apple and tomato fruits. <i>Journal of Plant Physiology</i> , 2013 , 170, 1194-201	3.6	41
13	The apoplastic antioxidant system and altered cell wall dynamics influence mesophyll conductance and the rate of photosynthesis. <i>Plant Journal</i> , 2019 , 99, 1031-1046	6.9	39
12	Alteration of cell wall xylan acetylation triggers defense responses that counterbalance the immune deficiencies of plants impaired in the β subunit of the heterotrimeric G-protein. <i>Plant Journal</i> , 2017 , 92, 386-399	6.9	39
11	YODA MAP3K kinase regulates plant immune responses conferring broad-spectrum disease resistance. <i>New Phytologist</i> , 2018 , 218, 661-680	9.8	31
10	A computational approach for inferring the cell wall properties that govern guard cell dynamics. <i>Plant Journal</i> , 2017 , 92, 5-18	6.9	25
9	Response Regulator 6 (ARR6) Modulates Plant Cell-Wall Composition and Disease Resistance. <i>Molecular Plant-Microbe Interactions</i> , 2020 , 33, 767-780	3.6	20

8	Changes in cell wall pectin and pectinase activity in apple and tomato fruits during <i>Penicillium expansum</i> infection. <i>Journal of the Science of Food and Agriculture</i> , 2006 , 86, 1359-1364	4.3	17
7	cell wall composition determines disease resistance specificity and fitness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	17
6	The implication of xyloglucan endotransglucosylase/hydrolase (XTHs) in tomato fruit infection by <i>Penicillium expansum</i> Link. A. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 9021-6	5.7	14
5	Characterization of Plant Cell Wall Damage-Associated Molecular Patterns Regulating Immune Responses. <i>Methods in Molecular Biology</i> , 2017 , 1578, 13-23	1.4	13
4	Cell wall composition strongly influences mesophyll conductance in gymnosperms. <i>Plant Journal</i> , 2020 , 103, 1372-1385	6.9	9
3	Functional characterization of genes mediating cell wall metabolism and responses to plant cell wall integrity impairment. <i>BMC Plant Biology</i> , 2019 , 19, 320	5.3	5
2	<i>Arabidopsis</i> cell wall composition determines disease resistance specificity and fitness		2
1	Breeding for Low Temperature Germinability in Temperate Japonica Rice Varieties: Analysis of Candidate Genes in Associated QTLs. <i>Agronomy</i> , 2021 , 11, 2125	3.6	0