

Penñlope Garc a-Angulo

List of Publications by Year in descending order

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28
papers

512
citations

759055

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665
citing authors

#	ARTICLE	IF	CITATIONS
1	Using Plant-Based Preparations to Protect Common Bean against Halo Blight Disease: The Potential of Nettle to Trigger the Immune System. <i>Agronomy</i> , 2022, 12, 63.	1.3	0
2	Perception and First Defense Responses Against <i>Pseudomonas syringae</i> pv. <i>phaseolicola</i> in <i>Phaseolus vulgaris</i> : Identification of Wall-Associated Kinase Receptors. <i>Phytopathology</i> , 2021, 111, 2332-2342.	1.1	4
3	Elucidating compositional factors of maize cell walls contributing to stalk strength and lodging resistance. <i>Plant Science</i> , 2021, 307, 110882.	1.7	21
4	Immune Priming Triggers Cell Wall Remodeling and Increased Resistance to Halo Blight Disease in Common Bean. <i>Plants</i> , 2021, 10, 1514.	1.6	8
5	The role of cell wall phenolics during the early remodelling of cellulose-deficient maize cells. <i>Phytochemistry</i> , 2020, 170, 112219.	1.4	3
6	Effect of ancyimidol on cell wall metabolism in growing maize cells. <i>Planta</i> , 2018, 247, 987-999.	1.6	1
7	Phenolic metabolism and molecular mass distribution of polysaccharides in cellulose-deficient maize cells. <i>Journal of Integrative Plant Biology</i> , 2017, 59, 475-495.	4.1	3
8	Characterization of structural cell wall polysaccharides in cattail (<i>Typha latifolia</i>): Evaluation as potential biofuel feedstock. <i>Carbohydrate Polymers</i> , 2017, 175, 679-688.	5.1	28
9	Early habituation of maize (<i>Zea mays</i>) suspension-cultured cells to 2,6-dichlorobenzonitrile is associated with the enhancement of antioxidant status. <i>Physiologia Plantarum</i> , 2016, 157, 193-204.	2.6	5
10	Quinlorac-habituation of bean (<i>Phaseolus vulgaris</i>) cultured cells is related to an increase in their antioxidant capacity. <i>Plant Physiology and Biochemistry</i> , 2016, 107, 257-263.	2.8	4
11	The biosynthesis and wall-binding of hemicelluloses in cellulose-deficient maize cells: An example of metabolic plasticity. <i>Journal of Integrative Plant Biology</i> , 2015, 57, 373-387.	4.1	10
12	Monitoring of cell wall modifications during callogenesis in <i>Stylosanthes guianensis</i> (Fabaceae) under salt stress conditions. <i>Revista Brasileira De Botanica</i> , 2015, 38, 783-793.	0.5	2
13	Ectopic lignification in primary cellulose-deficient cell walls of maize cell suspension cultures. <i>Journal of Integrative Plant Biology</i> , 2015, 57, 357-372.	4.1	69
14	Early cell-wall modifications of maize cell cultures during habituation to dichlobenil. <i>Journal of Plant Physiology</i> , 2014, 171, 127-135.	1.6	14
15	Manganese transporter protein MntH is required for virulence of <i>Xylophilus ampelinus</i> , the causal agent of bacterial necrosis in grapevine. <i>Australian Journal of Grape and Wine Research</i> , 2014, 20, 442-450.	1.0	2
16	Purification and characterization of a soluble β -1,4-glucan from bean (<i>Phaseolus vulgaris</i> L.)-cultured cells dehabituated to dichlobenil. <i>Planta</i> , 2013, 237, 1475-1482.	1.6	2
17	Mineral stress affects the cell wall composition of grapevine (<i>Vitis vinifera</i> L.) callus. <i>Plant Science</i> , 2013, 205-206, 111-120.	1.7	37
18	Cellulose Biosynthesis Inhibitors: Comparative Effect on Bean Cell Cultures. <i>International Journal of Molecular Sciences</i> , 2012, 13, 3685-3702.	1.8	20

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19	The use of FTIR spectroscopy to monitor modifications in plant cell wall architecture caused by cellulose biosynthesis inhibitors. <i>Plant Signaling and Behavior</i> , 2011, 6, 1104-1110.	1.2	90
20	The phenolic profile of maize primary cell wall changes in cellulose-deficient cell cultures. <i>Phytochemistry</i> , 2010, 71, 1684-1689.	1.4	17
21	Plasticity of Xyloglucan Composition in Bean (<i>Phaseolus vulgaris</i>)-Cultured Cells during Habituation and Dehabituation to Lethal Concentrations of Dichlobenil. <i>Molecular Plant</i> , 2010, 3, 603-609.	3.9	10
22	Habituation and dehabituation to dichlobenil. <i>Plant Signaling and Behavior</i> , 2009, 4, 1069-1071.	1.2	3
23	Novel type of cell wall architecture in dichlobenil-habituated maize calluses. <i>Planta</i> , 2009, 229, 617-631.	1.6	34
24	High peroxidase activity and stable changes in the cell wall are related to dichlobenil tolerance. <i>Journal of Plant Physiology</i> , 2009, 166, 1229-1240.	1.6	20
25	Habituation of Bean (<i>Phaseolus vulgaris</i>) Cell Cultures to Quinclorac and Analysis of the Subsequent Cell Wall Modifications. <i>Annals of Botany</i> , 2008, 101, 1329-1339.	1.4	8
26	Increase in XET activity in bean (<i>Phaseolus vulgaris</i> L.) cells habituated to dichlobenil. <i>Planta</i> , 2007, 226, 765-771.	1.6	6
27	Immunocytochemical characterization of the cell walls of bean cell suspensions during habituation and dehabituation to dichlobenil. <i>Physiologia Plantarum</i> , 2006, 127, 87-99.	2.6	25
28	FTIR spectroscopy monitoring of cell wall modifications during the habituation of bean (<i>Phaseolus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.7	66