Jos L Acebes

List of Publications by Year in Descending Order

53 papers	690 citations	15 h-index	23 g-index
53 ext. papers	840 ext. citations	5.2 avg, IF	3.52 L-index

#	Paper	IF	Citations
53	The graft framework: Quantitative changes in cell wall matrix polysaccharides throughout the tomato graft union formation. *Carbohydrate Polymers*, **2022**, 276, 118781	10.3	1
52	Tomato Graft Union Failure Is Associated with Alterations in Tissue Development and the Onset of Cell Wall Defense Responses. *Agronomy*, **2021**, 11, 1197	3.6	2
51	Elucidating compositional factors of maize cell walls contributing to stalk strength and lodging resistance. *Plant Science*, **2021**, 307, 110882	5.3	3
50	Histological Changes Associated with the Graft Union Development in Tomato. *Plants*, **2020**, 9,	4.5	3
49	The role of cell wall phenolics during the early remodelling of cellulose-deficient maize cells. *Phytochemistry*, **2020**, 170, 112219	4	3
48	Production of Encecalin in Cell Cultures and Hairy Roots of (Hook.) A. Gray. *Molecules*, **2020**, 25,	4.8	1
47	Necrotic and Cytolytic Activity on Grapevine Leaves Produced by Nep1-Like Proteins of. *Frontiers in Plant Science*, **2019**, 10, 1282	6.2	6
46	Class III peroxidases in cellulose deficient cultured maize cells during cell wall remodeling. *Physiologia Plantarum*, **2018**, 164, 45-55	4.6	7
45	Effect of ancymidol on cell wall metabolism in growing maize cells. *Planta*, **2018**, 247, 987-999	4.7	1
44	Phenolic metabolism and molecular mass distribution of polysaccharides in cellulose-deficient maize cells. *Journal of Integrative Plant Biology*, **2017**, 59, 475-495	8.3	2
43	Characterization of structural cell wall polysaccharides in cattail (Typha latifolia): Evaluation as potential biofuel feedstock. *Carbohydrate Polymers*, **2017**, 175, 679-688	10.3	18
42	Early habituation of maize (Zea mays) suspension-cultured cells to 2,6-dichlorobenzonitrile is associated with the enhancement of antioxidant status. *Physiologia Plantarum*, **2016**, 157, 193-204	4.6	5
41	Quinclorac-habituation of bean (Phaseolus vulgaris) cultured cells is related to an increase in their antioxidant capacity. *Plant Physiology and Biochemistry*, **2016**, 107, 257-263	5.4	3
40	Anticipating extinctions of glacial relict populations in mountain refugia. *Biological Conservation*, **2016**, 201, 243-251	6.2	20
39	Monitoring of cell wall modifications during callogenesis in Stylosanthes guianensis (Fabaceae) under salt stress conditions. *Revista Brasileira De Botanica*, **2015**, 38, 783-793	1.2	2
38	Ectopic lignification in primary cellulose-deficient cell walls of maize cell suspension cultures. *Journal of Integrative Plant Biology*, **2015**, 57, 357-72	8.3	24
37	The biosynthesis and wall-binding of hemicelluloses in cellulose-deficient maize cells: an example of metabolic plasticity. *Journal of Integrative Plant Biology*, **2015**, 57, 373-87	8.3	8

36	Early cell-wall modifications of maize cell cultures during habituation to dichlobenil. *Journal of Plant Physiology*, **2014**, 171, 127-35	3.6	13
35	Manganese transporter protein MntH is required for virulence of Xylophilus ampelinus, the causal agent of bacterial necrosis in grapevine. *Australian Journal of Grape and Wine Research*, **2014**, 20, 442-450	2.4	2
34	Fourier transform mid infrared spectroscopy applications for monitoring the structural plasticity of plant cell walls. *Frontiers in Plant Science*, **2014**, 5, 303	6.2	52
33	Purification and characterization of a soluble β1,4-glucan from bean (Phaseolus vulgaris L.)-cultured cells dehabituated to dichlobenil. *Planta*, **2013**, 237, 1475-82	4.7	2
32	Mineral stress affects the cell wall composition of grapevine (Vitis vinifera L.) callus. *Plant Science*, **2013**, 205-206, 111-20	5.3	32
31	Effect of water availability and fertilization on water status, growth, vigour and the resistance of Scots pine to fungal mass inoculation with Ophiostoma ips. *Plant Biosystems*, **2012**, 146, 384-393	1.6	8
30	Cellulose biosynthesis inhibitors: comparative effect on bean cell cultures. *International Journal of Molecular Sciences*, **2012**, 13, 3685-702	6.3	11
29	Changes in cinnamic acid derivatives associated with the habituation of maize cells to dichlobenil. *Molecular Plant*, **2011**, 4, 869-78	14.4	12
28	The use of FTIR spectroscopy to monitor modifications in plant cell wall architecture caused by cellulose biosynthesis inhibitors. *Plant Signaling and Behavior*, **2011**, 6, 1104-10	2.5	56
27	Deepening into the proteome of maize cells habituated to the cellulose biosynthesis inhibitor dichlobenil. *Plant Signaling and Behavior*, **2011**, 6, 143-6	2.5	9
26	Plasticity of xyloglucan composition in bean (Phaseolus vulgaris)-cultured cells during habituation and dehabituation to lethal concentrations of dichlobenil. *Molecular Plant*, **2010**, 3, 603-9	14.4	10
25	Unraveling the biochemical and molecular networks involved in maize cell habituation to the cellulose biosynthesis inhibitor dichlobenil. *Molecular Plant*, **2010**, 3, 842-53	14.4	21
24	The phenolic profile of maize primary cell wall changes in cellulose-deficient cell cultures. *Phytochemistry*, **2010**, 71, 1684-9	4	17
23	Habituation and dehabituation to dichlobenil: simply the equivalent of Penelope's weaving and unweaving process?. *Plant Signaling and Behavior*, **2009**, 4, 1069-71	2.5	3
22	Novel type II cell wall architecture in dichlobenil-habituated maize calluses. *Planta*, **2009**, 229, 617-31	4.7	33
21	High peroxidase activity and stable changes in the cell wall are related to dichlobenil tolerance. *Journal of Plant Physiology*, **2009**, 166, 1229-1240	3.6	19
20	Habituation of bean (Phaseolus vulgaris) cell cultures to Quinclorac and analysis of the subsequent cell wall modifications. *Annals of Botany*, **2008**, 101, 1329-39	4.1	6
19	Increase in XET activity in bean (Phaseolus vulgaris L.) cells habituated to dichlobenil. *Planta*, **2007**, 226, 765-71	4.7	5

18	Immunocytochemical characterization of the cell walls of bean cell suspensions during habituation and dehabituation to dichlobenil. *Physiologia Plantarum*, **2006**, 127, 87-99	4.6	24
17	FTIR spectroscopy monitoring of cell wall modifications during the habituation of bean (Phaseolus vulgaris L.) callus cultures to dichlobenil. *Plant Science*, **2004**, 167, 1273-1281	5.3	53
16	Autolysis-like release of homogalacturonan from bean (Phaseolus vulgaris L.) callus cell walls. *Plant Science*, **2003**, 164, 579-588	5.3	4
15	Cell wall modifications of bean (Phaseolus vulgaris) cell suspensions during habituation and dehabituation to dichlobenil. *Physiologia Plantarum*, **2002**, 114, 182-191	4.6	45
14	Characterization of cell walls in bean (Phaseolus vulgaris L.) callus cultures tolerant to dichlobenil. *Plant Science*, **2001**, 160, 331-339	5.3	31
13	Cell wall modifications in bean (Phaseolus vulgaris) callus cultures tolerant to isoxaben. *Physiologia Plantarum*, **1999**, 107, 54-59	4.6	23
12	Pectin Depolymerase Activities Associated with Cell Walls from Cicer arietinum L. Epicotyl. *Plant and Cell Physiology*, **1997**, 38, 1259-1263	4.9	5
11	Glycanase activities associated with cell walls ofCicer arietinum L. epicotyls. *Biologia Plantarum*, **1996**, 38, 39	2.1	
10	Glycanases Associated with Cell Walls of Cicer arietinum L: Arabinogalactan Degradation. *Journal of Experimental Botany*, **1993**, 44, 1089-1094	7	1
9	Pine xyloglucan. Occurrence, localization and interaction with cellulose. *Physiologia Plantarum*, **1993**, 89, 417-422	4.6	13
8	Purification and structure of xyloglucan in pine hypocotyls. *Phytochemistry*, **1993**, 33, 1343-5	4	9
7	Pine xyloglucan. Occurrence, localization and interaction with cellulose. *Physiologia Plantarum*, **1993**, 89, 417-422	4.6	10
6	Cell wall glycanases and their activity against the hemicelluloses from pine hypocotyls. *Physiologia Plantarum*, **1992**, 86, 433-438	4.6	14
5	Growth capacity and molecular mass distribution of cell wall polysaccharides along the hypocotyl of Pinus pinaster. *Physiologia Plantarum*, **1990**, 79, 563-569	4.6	7
4	Growth capacity and molecular mass distribution of cell wall polysaccharides along the hypocotyl of Pinus pinaster. *Physiologia Plantarum*, **1990**, 79, 563-569	4.6	7
3	Changes in pectic and hemicellulosic polysaccharides during acid pH-induced growth in pine hypocotyl segments. *Plant Science*, **1989**, 62, 53-61	5.3	13
2	Cell Wall Autolysis in Pinus pinaster Aiton Hypocotyls. Enzymatic Activities Involved. *Journal of Plant Physiology*, **1987**, 127, 11-22	3.6	11
1	Sequential extraction and analysis of cell wall polysaccharides from Inula viscosa leaves and stems. *Plant Biosystems*,1-13	1.6	