PrzemysÅ‚aw Wojtaszek

List of Publications by Year
in descending order

31 papers	1,763 citations	623574 14 h-index	477173 29 g-index
33 all docs	33 docs citations	33 times ranked	2247 citing authors

#	Article	IF	Citations
1	Oxidative burst: an early plant response to pathogen infection. Biochemical Journal, 1997, 322, 681-692.	1.7	1,105
2	Nitric oxide in plants. Phytochemistry, 2000, 54, 1-4.	1.4	118
3	Pathogenic infection and the oxidative defences in plant apoplast. Protoplasma, 2001, 217, 20-32.	1.0	67
4	The architecture of polarized cell growth: The unique status of elongating plant cells. BioEssays, 2003, 25, 569-576.	1.2	61
5	Genes and plant cell walls: a difficult relationship. Biological Reviews, 2000, 75, 437-475.	4.7	47
6	Identification of flavonoid diglycosides in yellow lupin (Lupinus luteus l.) with mass spectrometric techniques. , 1999, 34, 486-495.		41
7	Mechanisms for the generation of reactive oxygen species in plant defence response. Acta Physiologiae Plantarum, 1997, 19, 581-589.	1.0	39
8	Recruitment of myosin VIII towards plastid surfaces is root-cap specific and provides the evidence for actomyosin involvement in root osmosensing. Functional Plant Biology, 2005, 32, 721.	1.1	39
9	The very many faces of presenilins and the Î³-secretase complex. Protoplasma, 2013, 250, 997-1011.	1.0	27
10	Ultrastructural localisation and further biochemical characterisation of prolyl 4-hydroxylase from Phaseolus vulgaris : comparative analysis. International Journal of Biochemistry and Cell Biology, 1999, 31, 463-477.	1.2	25
11	Domain-specific mechanosensory transmission of osmotic and enzymatic cell wall disturbances to the actin cytoskeleton. Protoplasma, 2007, 230, 217-230.	1.0	25
12	Plant plasma membrane-bound staphylococcal-like DNases as a novel class of eukaryotic nucleases. BMC Plant Biology, 2012, 12, 195.	1.6	23
13	Gamma-secretase subunits associate in intracellular membrane compartments in Arabidopsis thaliana. Journal of Experimental Botany, 2014, 65, 3015-3027.	2.4	21
14	Nitration of plant apoplastic proteins from cell suspension cultures. Journal of Proteomics, 2015, 120, 158-168.	1.2	19
15	A fluorescence correlation spectroscopy study of ligand interaction with cytokinin-specific binding protein from mung bean. Biological Chemistry, 2010, 391, 43-53.	1.2	14
16	Validation of reference genes for gene expression analysis using quantitative polymerase chain reaction in pea lines (Pisum sativum) with different lodging susceptibility. Annals of Applied Biology, 2019, 174, 86-91.	1.3	14
17	Stimulation of cell wall biosynthesis and structural changes in response to cytokinin- and elicitor-treatments of suspension-cultured Phaseolus vulgaris cells. Plant Physiology and Biochemistry, 1999, 37, 611-621.	2.8	11
18	Inhibitors of protein glycosylation or secretion change the pattern of extracellular proteins in suspension-cultured cells of Arabidopsis thaliana. Plant Physiology and Biochemistry, 2008, 46, 962-969.	2.8	10

#	Article	IF	Citations
19	Plant Science View on Biohybrid Development. Frontiers in Bioengineering and Biotechnology, 2017, 5, 46.	2.0	10
20	Active chitinases in the apoplastic fluids of healthy white lupin (Lupinus albus L.) plants. Acta Physiologiae Plantarum, 2000, 22, 31-38.	1.0	9
21	Acta physiologiae plantarum 2004. Acta Physiologiae Plantarum, 2004, 26, 3-4.	1.0	7
22	Signaling and Cell Walls. Signaling and Communication in Plants, 2009, , 173-193.	0.5	5
23	Collagenase as a useful tool for the analysis of plant cellular peripheries. Phytochemistry, 2015, 112, 195-209.	1.4	5
24	Genes and plant cell walls: a difficult relationship. Biological Reviews, 2000, 75, 437-475.	4.7	4
25	Introduction: Tensegral World of Plants. Signaling and Communication in Plants, 2011, , 1-25.	0.5	4
26	The complexity of oxidative cross-linking of phenylpropanoids â€" evidence from an in vitro model system. Functional Plant Biology, 2002, 29, 853.	1.1	4
27	Journey from the Center of the Cell - the intra- and intercellular transport of mRNA. Acta Biochimica Polonica, 2017, 63, 693-699.	0.3	3
28	Influence of plant secondary metabolites on in vitro oxidation of methyl ferulate with cell wall peroxidases from lupine apoplast. Journal of Plant Physiology, 2008, 165, 239-250.	1.6	2
29	Characterization of the Î³-secretase subunit interactome in Arabidopsis thaliana. Acta Physiologiae Plantarum, 2019, 41, 1.	1.0	1
30	Mechanical Integration of Plant Cells. Signaling and Communication in Plants, 2009, , 1-20.	0.5	0
31	Editorial for Phytochemistry issue â€˜In Memory of G. Paul Bolwell: Plant Cell Wall Dynamicsâ€™. Phytochemistry, 2015, 112, 13-14.	1.4	0