Kirsten JÃ¸rgensen

List of Publications by Year
in descending order

47 papers	3,898 citations	172457 29 h-index	223800 46 g-index
48 all docs	48 docs citations	48 times ranked	4787 citing authors

#	Article	IF	Citations
1	Siteâ€specific, siliconâ€induced structural and molecular defence responses against powdery mildew infection in roses. Pest Management Science, 2021, 77, 4545-4554.	3.4	5
2	Glutathione transferases catalyze recycling of autoâ€toxic cyanogenic glucosides in sorghum. Plant Journal, 2018, 94, 1109-1125.	5.7	60
3	The Intracellular Localization of the Vanillin Biosynthetic Machinery in Pods of Vanilla planifolia. Plant and Cell Physiology, 2018, 59, 304-318.	3.1	39
4	Diurnal regulation of cyanogenic glucoside biosynthesis and endogenous turnover in cassava. Plant Direct, 2018, 2, e00038.	1.9	25
5	The ironâ€regulated transporter 1 plays an essential role in uptake, translocation and grainâ€loading of manganese, but not iron, in barley. New Phytologist, 2018, 217, 1640-1653.	7.3	37
6	Mass Spectrometry Based Imaging of Labile Glucosides in Plants. Frontiers in Plant Science, 2018, 9, 892.	3.6	17
7	Prevention of â€œsimple accidents at workâ€•with major consequences. Safety Science, 2016, 81, 46-58.	4.9	31
8	The bifurcation of the cyanogenic glucoside and glucosinolate biosynthetic pathways. Plant Journal, 2015, 84, 558-573.	5.7	45
9	A recycling pathway for cyanogenic glycosides evidenced by the comparative metabolic profiling in three cyanogenic plant species. Biochemical Journal, 2015, 469, 375-389.	3.7	109
10	Building defects in Danish construction: project characteristics influencing the occurrence of defects at handover. Architectural Engineering and Design Management, 2015, 11, 423-439.	1.7	19
11	Vanillin formation from ferulic acid in Vanilla planifolia is catalysed by a single enzyme. Nature Communications, 2014, 5, 4037.	12.8	157
12	Cassava genome from a wild ancestor to cultivated varieties. Nature Communications, 2014, 5, 5110.	12.8	230
13	Analysis of peptide PSY1 responding transcripts in the two Arabidopsis plant lines: wild type and psy1r receptor mutant. BMC Genomics, 2014, 15, 441.	2.8	17
14	Sequestration, tissue distribution and developmental transmission ofÂcyanogenic glucosides in a specialist insect herbivore. Insect Biochemistry and Molecular Biology, 2014, 44, 44-53.	2.7	35
15	Transcriptional regulation of de novo biosynthesis of cyanogenic glucosides throughout the life-cycle of the burnet moth Zygaena filipendulae (Lepidoptera). Insect Biochemistry and Molecular Biology, 2014, 49, 80-89.	2.7	19
16	Chemical Defense Balanced by Sequestration and De Novo Biosynthesis in a Lepidopteran Specialist. PLoS ONE, 2014, 9, e108745.	2.5	20
17	Visualizing metabolite distribution and enzymatic conversion in plant tissues by desorption electrospray ionization mass spectrometry imaging. Plant Journal, 2013, 74, 1059-1071.	5.7	64
18	Absence from work due to occupational and non-occupational accidents. Scandinavian Journal of Public Health, 2013, 41, 18-24.	2.3	8

#	Article	IF	Citations
19	Red Beet as a Model System for Studying Vacuolar Transport of Primary and Secondary Metabolites. , 2013, , 75-90.		1
20	Integrative Analysis of Metabolomics and Transcriptomics Data: A Unified Model Framework to Identify Underlying System Pathways. PLoS ONE, 2013, 8, e72116.	2.5	17
21	Prunasin Hydrolases during Fruit Development in Sweet and Bitter Almonds Â Â Â. Plant Physiology, 2012, 158, 1916-1932.	4.8	40
22	Genomic clustering of cyanogenic glucoside biosynthetic genes aids their identification in <i>Lotus japonicus</i> and suggests the repeated evolution of this chemical defence pathway. Plant Journal, 2011, 68, 273-286.	5.7	162
23	Characterization and expression profile of two UDPâ€glucosyltransferases, UGT85K4 and UGT85K5, catalyzing the last step in cyanogenic glucoside biosynthesis in cassava. Plant Journal, 2011, 68, 287-301.	5.7	60
24	A tool for safety officers investigating â€œsimpleâ€• accidents. Safety Science, 2011, 49, 32-38.	4.9	17
25	Biosynthesis of the Cyanogenic Glucosides Linamarin and Lotaustralin in Cassava: Isolation, Biochemical Characterization, and Expression Pattern of CYP71E7, the Oxime-Metabolizing Cytochrome P450 Enzyme. Plant Physiology, 2011, 155, 282-292.	4.8	83
26	Leaf and Floral Parts Feeding by Orange Tip Butterfly Larvae Depends on Larval Position but Not on Glucosinolate Profile or Nitrogen Level. Journal of Chemical Ecology, 2010, 36, 1335-1345.	1.8	19
27	Metabolomic, Transcriptional, Hormonal, and Signaling Cross-Talk in Superroot2. Molecular Plant, 2010, 3, 192-211.	8.3	38
28	Tissue and cellular localization of individual Î²â€glycosidases using a substrateâ€specific sugar reducing assay. Plant Journal, 2009, 60, 894-906.	5.7	25
29	Î²-Glucosidases as detonators of plant chemical defense. Phytochemistry, 2008, 69, 1795-1813.	2.9	459
30	A systematic use of information from accidents as a basis of prevention activities. Safety Science, 2008, 46, 164-175.	4.9	30
31	The <i>Î²</i>-Glucosidases Responsible for Bioactivation of Hydroxynitrile Glucosides in <i>Lotus japonicus</i> Â Â. Plant Physiology, 2008, 147, 1072-1091.	4.8	60
32	Bitterness in Almonds. Plant Physiology, 2008, 146, 1040-1052.	4.8	113
33	CYP703 Is an Ancient Cytochrome P450 in Land Plants Catalyzing in-Chain Hydroxylation of Lauric Acid to Provide Building Blocks for Sporopollenin Synthesis in Pollen. Plant Cell, 2007, 19, 1473-1487.	6.6	332
34	Lessons learned from metabolic engineering of cyanogenic glucosides. Metabolomics, 2007, 3, 383-398.	3.0	35
35	Biofortification of Cassava Using Molecular Breeding. , 2007, , 409-411.		0
36	Cyanogenic glycosides: a case study for evolution and application of cytochromes P450. Phytochemistry Reviews, 2006, 5, 309-329.	6.5	122

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37	Functional characterisation of potato starch modified by specific in planta alteration of the amylopectin branching and phosphate substitution. Food Hydrocolloids, 2005, 19, 1016-1024.	10.7	42
38	Metabolon formation and metabolic channeling in the biosynthesis of plant natural products. Current Opinion in Plant Biology, 2005, 8, 280-291.	7.1	476
39	Cassava Plants with a Depleted Cyanogenic Glucoside Content in Leaves and Tubers. Distribution of Cyanogenic Glucosides, Their Site of Synthesis and Transport, and Blockage of the Biosynthesis by RNA Interference Technology. Plant Physiology, 2005, 139, 363-374.	4.8	232
40	Structure function relationships of transgenic starches with engineered phosphate substitution and starch branching. International Journal of Biological Macromolecules, 2005, 36, 159-168.	7.5	51
41	Carbon partitioning in leaves and tubers of transgenic potato plants with reduced activity of fructose-6-phosphate,2-kinase/fructose-2,6-bisphosphatase. Physiologia Plantarum, 2004, 121, 204-214.	5.2	16
42	Raman Spectroscopic Analysis of Cyanogenic Glucosides in Plants: Development of a Flow Injection Surface-Enhanced Raman Scatter (FI-SERS) Method for Determination of Cyanide. Applied Spectroscopy, 2004, 58, 212-217.	2.2	26
43	Title is missing!. Molecular Breeding, 2003, 11, 315-323.	2.1	32
44	CYP79F1 and CYP79F2 have distinct functions in the biosynthesis of aliphatic glucosinolates in Arabidopsis. Plant Journal, 2003, 33, 923-937.	5.7	238
45	The molecular deposition of transgenically modified starch in the starch granule as imaged by functional microscopy. Journal of Structural Biology, 2003, 143, 229-241.	2.8	151
46	Starch biosynthesis from triose-phosphate in transgenic potato tubers expressing plastidic fructose-1,6-bisphosphatase. Planta, 2002, 214, 616-624.	3.2	11
47	Structural, Physicochemical, and Pasting Properties of Starches from Potato Plants with Repressedr1-Geneâ€. Biomacromolecules, 2001, 2, 836-843.	5.4	72