

Olivier Van Wuytswinkel

List of Publications by Year in descending order

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17
papers

2,257
citations

623734

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888059

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docs citations

17
times ranked

3163
citing authors

#	ARTICLE	IF	CITATIONS
1	Integument-Specific Transcriptional Regulation in the Mid-Stage of Flax Seed Development Influences the Release of Mucilage and the Seed Oil Content. <i>Cells</i> , 2021, 10, 2677.	4.1	2
2	Cytological Approaches Combined With Chemical Analysis Reveals the Layered Nature of Flax Mucilage. <i>Frontiers in Plant Science</i> , 2019, 10, 684.	3.6	14
3	MuSeeQ, a novel supervised image analysis tool for the simultaneous phenotyping of the soluble mucilage and seed morphometric parameters. <i>Plant Methods</i> , 2018, 14, 112.	4.3	10
4	Metabolite profiling of developing <i>Camelina sativa</i> seeds. <i>Metabolomics</i> , 2016, 12, 1.	3.0	20
5	PME58 plays a role in pectin distribution during seed coat mucilage extrusion through homogalacturonan modification. <i>Journal of Experimental Botany</i> , 2016, 67, 2177-2190.	4.8	46
6	PT-Flax (phenotyping and TILLinG of flax): development of a flax (<i>Linum usitatissimum</i> L.) mutant population and TILLinG platform for forward and reverse genetics. <i>BMC Plant Biology</i> , 2013, 13, 159.	3.6	44
7	Identification of pectin methylesterase 3 as a basic pectin methylesterase isoform involved in adventitious rooting in <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2011, 192, 114-126.	7.3	67
8	Development and validation of a flax (<i>Linum usitatissimum</i> L.) gene expression oligo microarray. <i>BMC Genomics</i> , 2010, 11, 592.	2.8	66
9	Normalization of qRT-PCR data: the necessity of adopting a systematic, experimental conditions-specific, validation of references. <i>Journal of Experimental Botany</i> , 2009, 60, 487-493.	4.8	481
10	The lack of a systematic validation of reference genes: a serious pitfall undervalued in reverse transcription-polymerase chain reaction (RT-PCR) analysis in plants. <i>Plant Biotechnology Journal</i> , 2008, 6, 609-618.	8.3	613
11	Towards a Systematic Validation of References in Real-Time RT-PCR. <i>Plant Cell</i> , 2008, 20, 1734-1735.	6.6	186
12	Combined networks regulating seed maturation. <i>Trends in Plant Science</i> , 2007, 12, 294-300.	8.8	293
13	Identification of new gene expression regulators specifically expressed during plant seed maturation. <i>Journal of Experimental Botany</i> , 2006, 57, 1919-1932.	4.8	36
14	Unexpected effects of chitinases on the peach-potato aphid (<i>Myzus persicae</i> Sulzer) when delivered via transgenic potato plants (<i>Solanum tuberosum</i> Linn; 1/2) and in vitro. <i>Transgenic Research</i> , 2005, 14, 57-67.	2.4	44
15	The control of intracellular glycerol in <i>Saccharomyces cerevisiae</i> influences osmotic stress response and resistance to increased temperature. <i>Molecular Microbiology</i> , 2002, 36, 1381-1390.	2.5	94
16	Characterization of an Iron-dependent Regulatory Sequence Involved in the Transcriptional Control of AtFer1 and ZmFer1 Plant Ferritin Genes by Iron. <i>Journal of Biological Chemistry</i> , 2001, 276, 5584-5590.	3.4	121
17	Iron homeostasis alteration in transgenic tobacco overexpressing ferritin. <i>Plant Journal</i> , 1999, 17, 93-97.	5.7	120