

Guy Vancanneyt

List of Publications by Year in descending order

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14
papers

1,570
citations

687220

13
h-index

1058333

14
g-index

14
all docs

14
docs citations

14
times ranked

1820
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydroperoxide lyase depletion in transgenic potato plants leads to an increase in aphid performance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 8139-8144.	3.3	246
2	LAT52 protein is essential for tomato pollen development: pollen expressing antisense LAT52 RNA hydrates and germinates abnormally and cannot achieve fertilization. <i>Plant Journal</i> , 1994, 6, 321-338.	2.8	209
3	Characterization of Three Potato Lipoxygenases with Distinct Enzymatic Activities and Different Organ-specific and Wound-regulated Expression Patterns. <i>Journal of Biological Chemistry</i> , 1996, 271, 21012-21019.	1.6	189
4	Rapid, high-yield production in plants of individualized idiotypic vaccines for non-Hodgkin's lymphoma. <i>Annals of Oncology</i> , 2010, 21, 2420-2427.	0.6	170
5	Antisense-mediated depletion of a potato lipoxygenase reduces wound induction of proteinase inhibitors and increases weight gain of insect pests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 1146-1151.	3.3	161
6	Reversible protein phosphorylation regulates jasmonic acid-dependent and -independent wound signal transduction pathways in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 1998, 13, 153-165.	2.8	148
7	Glucosinolate and Amino Acid Biosynthesis in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2004, 135, 828-839.	2.3	113
8	Differential distribution of the lipoxygenase pathway enzymes within potato chloroplasts. <i>Journal of Experimental Botany</i> , 2006, 58, 555-568.	2.4	88
9	Lipoxygenase H1 Gene Silencing Reveals a Specific Role in Supplying Fatty Acid Hydroperoxides for Aliphatic Aldehyde Production. <i>Journal of Biological Chemistry</i> , 2002, 277, 416-423.	1.6	82
10	<i>Spirodela</i> (duckweed) as an alternative production system for pharmaceuticals: a case study, aprotinin. <i>Transgenic Research</i> , 2008, 17, 503-513.	1.3	55
11	Translatability of a plant-mRNA strongly influences its accumulation in transgenic plants. <i>Nucleic Acids Research</i> , 1990, 18, 2917-2921.	6.5	50
12	Pod shatter resistance in the resynthesized <i>Brassica napus</i> line DK142. <i>Journal of Agricultural Science</i> , 2003, 140, 43-52.	0.6	32
13	Expression of a Patatin-Like Protein in the Anthers of Potato and Sweet Pepper Flowers. <i>Plant Cell</i> , 1989, 1, 533.	3.1	15
14	A Case Study for Plant-Made Pharmaceuticals Comparing Different Plant Expression and Production Systems. <i>Methods in Molecular Biology</i> , 2009, 483, 209-221.	0.4	12