

Soazig Guyomarc'h

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

2,293
citations

623734

14
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

3105
citing authors

#	ARTICLE	IF	CITATIONS
1	A plausible model of phyllotaxis. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 1301-1306.	7.1	554
2	Lateral root development in Arabidopsis: fifty shades of auxin. Trends in Plant Science, 2013, 18, 450-458.	8.8	536
3	Auxin influx carriers stabilize phyllotactic patterning. Genes and Development, 2008, 22, 810-823.	5.9	248
4	Lateral root morphogenesis is dependent on the mechanical properties of the overlaying tissues. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 5229-5234.	7.1	233
5	A fluorescent hormone biosensor reveals the dynamics of jasmonate signalling in plants. Nature Communications, 2015, 6, 6043.	12.8	130
6	Lateral Root Formation in Arabidopsis: A Well-Ordered LRexit. Trends in Plant Science, 2019, 24, 826-839.	8.8	109
7	Inference of the Arabidopsis Lateral Root Gene Regulatory Network Suggests a Bifurcation Mechanism That Defines Primordia Flanking and Central Zones. Plant Cell, 2015, 27, 1368-1388.	6.6	105
8	Characterization of Pearl Millet Root Architecture and Anatomy Reveals Three Types of Lateral Roots. Frontiers in Plant Science, 2016, 7, 829.	3.6	79
9	Quiescent center initiation in the <i>Arabidopsis</i> lateral root primordia is dependent on the <i>SCARECROW</i> transcription factor. Development (Cambridge), 2016, 143, 3363-71.	2.5	61
10	MGOUN3, an Arabidopsis gene with Tetratricopeptide-Repeat-related motifs, regulates meristem cellular organization. Journal of Experimental Botany, 2004, 55, 673-684.	4.8	52
11	PUCHI regulates very long chain fatty acid biosynthesis during lateral root and callus formation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 14325-14330.	7.1	46
12	Regulation of meristem activity by chromatin remodelling. Trends in Plant Science, 2005, 10, 332-338.	8.8	38
13	A New Phenotyping Pipeline Reveals Three Types of Lateral Roots and a Random Branching Pattern in Two Cereals. Plant Physiology, 2018, 177, 896-910.	4.8	27
14	PIN Transcriptional Regulation Shapes Root System Architecture. Trends in Plant Science, 2016, 21, 175-177.	8.8	18
15	MGOUN3: evidence for chromatin-mediated regulation of FLC expression. Journal of Experimental Botany, 2006, 57, 2111-2119.	4.8	16
16	AP2/ERF transcription factors orchestrate very long chain fatty acid biosynthesis during Arabidopsis lateral root development. Molecular Plant, 2021, 14, 205-207.	8.3	11
17	PUCHI represses early meristem formation in developing lateral roots of <i>Arabidopsis thaliana</i> . Journal of Experimental Botany, 2022, 73, 3496-3510.	4.8	11
18	The Dicot Root as a Model System for Studying Organogenesis. Methods in Molecular Biology, 2013, 959, 45-67.	0.9	4

#	ARTICLE	IF	CITATIONS
19	Quiescent center initiation in the Arabidopsis lateral root primordia is dependent on the SCARECROW transcription factor. Journal of Cell Science, 2016, 129, e1.2-e1.2.	2.0	1