Ilse Vercauteren

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2184830/publications.pdf

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10	677	1040056 9	1372567 10
papers	citations	h-index	g-index

13	13	13	977
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	ERF115 Controls Root Quiescent Center Cell Division and Stem Cell Replenishment. Science, 2013, 342, 860-863.	12.6	263
2	The heterodimeric transcription factor complex ERF115â€“PAT1 grants regeneration competence. Nature Plants, 2016, 2, 16165.	9.3	111
3	A Spatiotemporal DNA Endoploidy Map of the Arabidopsis Root Reveals Roles for the Endocycle in Root Development and Stress Adaptation. Plant Cell, 2018, 30, 2330-2351.	6.6	107
4	Rocks in the auxin stream: Wound-induced auxin accumulation and ERF115 expression synergistically drive stem cell regeneration. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 16667-16677.	7.1	63
5	Mitotic recombination between homologous chromosomes drives genomic diversity in diatoms. Current Biology, 2021, 31, 3221-3232.e9.	3.9	29
6	Genome Editing-Based Engineering of CESA3 Dual Cellulose-Inhibitor-Resistant Plants. Plant Physiology, 2019, 180, 827-836.	4.8	26
7	Arabidopsis casein kinase 2 triggers stem cell exhaustion under Al toxicity and phosphate deficiency through activating the DNA damage response pathway. Plant Cell, 2021, 33, 1361-1380.	6.6	26
8	The Cyclin CYCA3;4 Is a Postprophase Target of the APC/C^{CCS52A2} E3-Ligase Controlling Formative Cell Divisions in Arabidopsis. Plant Cell, 2020, 32, 2979-2996.	6.6	22
9	Maize ATR safeguards genome stability during kernel development to prevent early endosperm endocycle onset and cell death. Plant Cell, 2021, 33, 2662-2684.	6.6	19
10	G2/M-checkpoint activation in fasciata1 rescues an aberrant S-phase checkpoint but causes genome instability. Plant Physiology, 2021, 186, 1893-1907.	4.8	11