

Ilse Vercauteren

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

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citations

1040056

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977
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#	ARTICLE	IF	CITATIONS
1	Arabidopsis casein kinase 2 triggers stem cell exhaustion under Al toxicity and phosphate deficiency through activating the DNA damage response pathway. <i>Plant Cell</i> , 2021, 33, 1361-1380.	6.6	26
2	G2/M-checkpoint activation in <i>fasciata1</i> rescues an aberrant S-phase checkpoint but causes genome instability. <i>Plant Physiology</i> , 2021, 186, 1893-1907.	4.8	11
3	Maize ATR safeguards genome stability during kernel development to prevent early endosperm endocycle onset and cell death. <i>Plant Cell</i> , 2021, 33, 2662-2684.	6.6	19
4	Mitotic recombination between homologous chromosomes drives genomic diversity in diatoms. <i>Current Biology</i> , 2021, 31, 3221-3232.e9.	3.9	29
5	The Cyclin CYCA3;4 Is a Postprophase Target of the APC/C ^{CCS52A2} E3-Ligase Controlling Formative Cell Divisions in Arabidopsis. <i>Plant Cell</i> , 2020, 32, 2979-2996.	6.6	22
6	Rocks in the auxin stream: Wound-induced auxin accumulation and <i>ERF115</i> expression synergistically drive stem cell regeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 16667-16677.	7.1	63
7	Genome Editing-Based Engineering of CESA3 Dual Cellulose-Inhibitor-Resistant Plants. <i>Plant Physiology</i> , 2019, 180, 827-836.	4.8	26
8	A Spatiotemporal DNA Endoploidy Map of the Arabidopsis Root Reveals Roles for the Endocycle in Root Development and Stress Adaptation. <i>Plant Cell</i> , 2018, 30, 2330-2351.	6.6	107
9	The heterodimeric transcription factor complex ERF115â€‘PAT1 grants regeneration competence. <i>Nature Plants</i> , 2016, 2, 16165.	9.3	111
10	ERF115 Controls Root Quiescent Center Cell Division and Stem Cell Replenishment. <i>Science</i> , 2013, 342, 860-863.	12.6	263