

# Thomas Eekhout

## List of Publications by Year in descending order

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17  
papers

712  
citations

759233

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888059

17  
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20  
docs citations

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times ranked

1025  
citing authors

#	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>Arabidopsis thaliana</i> rescues an aberrant S-phase checkpoint but causes genome instability. <i>Plant Physiology</i> , 2021, 186, 1893-1907.	4.8	11
3	Advances and Opportunities in Single-Cell Transcriptomics for Plant Research. <i>Annual Review of Plant Biology</i> , 2021, 72, 847-866.	18.7	101
4	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
5	A single-cell morpho-transcriptomic map of brassinosteroid action in the Arabidopsis root. <i>Molecular Plant</i> , 2021, 14, 1985-1999.	8.3	40
6	A Mutation in DNA Polymerase $\delta$ Rescues WEE1KO Sensitivity to HU. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9409.	4.1	3
7	Non-cell autonomous and spatiotemporal signalling from a tissue organizer orchestrates root vascular development. <i>Nature Plants</i> , 2021, 7, 1485-1494.	9.3	42
8	The plant WEE1 kinase is involved in checkpoint control activation in nematode-induced galls. <i>New Phytologist</i> , 2020, 225, 430-447.	7.3	12
9	The Cyclin CYCA3;4 Is a Postprophase Target of the APC/C <sup>CCS52A2</sup> E3-Ligase Controlling Formative Cell Divisions in Arabidopsis. <i>Plant Cell</i> , 2020, 32, 2979-2996.	6.6	22
10	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
11	Suppressor of Gamma Response 1 Modulates the DNA Damage Response and Oxidative Stress Response in Leaves of Cadmium-Exposed Arabidopsis thaliana. <i>Frontiers in Plant Science</i> , 2020, 11, 366.	3.6	24
12	Hitting pause on the cell cycle. <i>ELife</i> , 2019, 8, .	6.0	4
13	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
14	Modification of DNA Checkpoints to Confer Aluminum Tolerance. <i>Trends in Plant Science</i> , 2017, 22, 102-105.	8.8	47
15	Tissue-Specific Control of the Endocycle by the Anaphase Promoting Complex/Cyclosome Inhibitors UVI4 and DEL1. <i>Plant Physiology</i> , 2017, 175, 303-313.	4.8	23
16	Lack of RNase H2 activity rescues HU-sensitivity of WEE1 deficient plants. <i>Plant Signaling and Behavior</i> , 2015, 10, e1001226.	2.4	4
17	The <i>Arabidopsis</i> SIAMESE-RELATED Cyclin-Dependent Kinase Inhibitors SMR5 and SMR7 Regulate the DNA Damage Checkpoint in Response to Reactive Oxygen Species. <i>Plant Cell</i> , 2014, 26, 296-309.	6.6	164