Thomas Eekhout

List of Publications by Year in descending order

17	712	759233 12	888059 17
papers	citations	h-index	g-index

20	20	20	1025
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	TheArabidopsisSIAMESE-RELATED Cyclin-Dependent Kinase Inhibitors SMR5 and SMR7 Regulate the DNA Damage Checkpoint in Response to Reactive Oxygen Species. Plant Cell, 2014, 26, 296-309.	6.6	164
2	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
3	Advances and Opportunities in Single-Cell Transcriptomics for Plant Research. Annual Review of Plant Biology, 2021, 72, 847-866.	18.7	101
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	Modification of DNA Checkpoints to Confer Aluminum Tolerance. Trends in Plant Science, 2017, 22, 102-105.	8.8	47
6	Non-cell autonomous and spatiotemporal signalling from a tissue organizer orchestrates root vascular development. Nature Plants, 2021, 7, 1485-1494.	9.3	42
7	A single-cell morpho-transcriptomic map of brassinosteroid action in the Arabidopsis root. Molecular Plant, 2021, 14, 1985-1999.	8.3	40
8	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
9	Suppressor of Gamma Response 1 Modulates the DNA Damage Response and Oxidative Stress Response in Leaves of Cadmium-Exposed Arabidopsis thaliana. Frontiers in Plant Science, 2020, 11, 366.	3.6	24
10	Tissue-Specific Control of the Endocycle by the Anaphase Promoting Complex/Cyclosome Inhibitors UVI4 and DEL1. Plant Physiology, 2017, 175, 303-313.	4.8	23
11	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
12	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
13	The plant WEE1 kinase is involved in checkpoint control activation in nematodeâ€induced galls. New Phytologist, 2020, 225, 430-447.	7.3	12
14	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
15	Lack of RNase H2 activity rescues HU-sensitivity of WEE1 deficient plants. Plant Signaling and Behavior, 2015, 10, e1001226.	2.4	4
16	Hitting pause on the cell cycle. ELife, 2019, 8, .	6.0	4
17	A Mutation in DNA Polymerase Î± Rescues WEE1KO Sensitivity to HU. International Journal of Molecular Sciences, 2021, 22, 9409.	4.1	3