

Eva Elisabeth Deinum

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1707748/publications.pdf>

Version: 2024-02-01

19
papers

1,048
citations

567281

15
h-index

839539

18
g-index

28
all docs

28
docs citations

28
times ranked

1351
citing authors

#	ARTICLE	IF	CITATIONS
1	More Insights from Ultrastructural and Functional Plasmodesmata Data Using PDinsight. <i>Methods in Molecular Biology</i> , 2022, 2457, 443-456.	0.9	0
2	Long-term single-cell imaging and simulations of microtubules reveal principles behind wall patterning during proto-xylem development. <i>Nature Communications</i> , 2021, 12, 669.	12.8	26
3	Robust banded protoxylem pattern formation through microtubule-based directional ROP diffusion restriction. <i>Journal of Theoretical Biology</i> , 2020, 502, 110351.	1.7	6
4	Small GTPase patterning: How to stabilise cluster coexistence. <i>PLoS ONE</i> , 2019, 14, e0213188.	2.5	16
5	From plasmodesma geometry to effective symplasmic permeability through biophysical modelling. <i>ELife</i> , 2019, 8, .	6.0	25
6	Auxin transport, metabolism, and signalling during nodule initiation: indeterminate and determinate nodules. <i>Journal of Experimental Botany</i> , 2018, 69, 229-244.	4.8	86
7	Modelling the Plant Microtubule Cytoskeleton. , 2018, , 53-67.		0
8	How selective severing by katanin promotes order in the plant cortical microtubule array. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6942-6947.	7.1	56
9	Quantitative modelling of legume root nodule primordium induction by a diffusive signal of epidermal origin that inhibits auxin efflux. <i>BMC Plant Biology</i> , 2016, 16, 254.	3.6	29
10	Global population divergence and admixture of the brown rat (<i>Rattus norvegicus</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161762.	2.6	119
11	An active second dihydrofolate reductase enzyme is not a feature of rat and mouse, but they do have activity in their mitochondria. <i>FEBS Letters</i> , 2015, 589, 1855-1862.	2.8	5
12	Rhizobium Lipo-chitooligosaccharide Signaling Triggers Accumulation of Cytokinins in <i>Medicago truncatula</i> Roots. <i>Molecular Plant</i> , 2015, 8, 1213-1226.	8.3	146
13	Recent Evolution in <i>Rattus norvegicus</i> Is Shaped by Declining Effective Population Size. <i>Molecular Biology and Evolution</i> , 2015, 32, 2547-2558.	8.9	36
14	Efficient event-driven simulations shed new light on microtubule organization in the plant cortical array. <i>Frontiers in Physics</i> , 2014, 2, .	2.1	21
15	Fate map of <i>Medicago truncatula</i> root nodules. <i>Development (Cambridge)</i> , 2014, 141, 3517-3528.	2.5	245
16	Modelling the role of microtubules in plant cell morphology. <i>Current Opinion in Plant Biology</i> , 2013, 16, 688-692.	7.1	49
17	Cortical Microtubule Arrays Are Initiated from a Nonrandom Prepattern Driven by Atypical Microtubule Initiation Å A. <i>Plant Physiology</i> , 2013, 161, 1189-1201.	4.8	33
18	Modeling a Cortical Auxin Maximum for Nodulation: Different Signatures of Potential Strategies. <i>Frontiers in Plant Science</i> , 2012, 3, 96.	3.6	44

#	ARTICLE	IF	CITATIONS
19	Taking directions: the role of microtubule-bound nucleation in the self-organization of the plant cortical array. <i>Physical Biology</i> , 2011, 8, 056002.	1.8	50