

Teagen D Quilichini

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

722
citations

10
h-index

19
g-index

19
ext. papers

1,056
ext. citations

7.1
avg, IF

4.18
L-index

#	Paper	IF	Citations
17	The biosynthesis, composition and assembly of the outer pollen wall: A tough case to crack. <i>Phytochemistry</i> , 2015 , 113, 170-82	4	133
16	ATP-binding cassette transporter G26 is required for male fertility and pollen exine formation in Arabidopsis. <i>Plant Physiology</i> , 2010 , 154, 678-90	6.6	129
15	ABCG15 encodes an ABC transporter protein, and is essential for post-meiotic anther and pollen exine development in rice. <i>Plant and Cell Physiology</i> , 2013 , 54, 138-54	4.9	93
14	New views of tapetum ultrastructure and pollen exine development in Arabidopsis thaliana. <i>Annals of Botany</i> , 2014 , 114, 1189-201	4.1	83
13	Cannabis glandular trichomes alter morphology and metabolite content during flower maturation. <i>Plant Journal</i> , 2020 , 101, 37-56	6.9	71
12	IRE1, a component of the unfolded protein response signaling pathway, protects pollen development in Arabidopsis from heat stress. <i>Plant Journal</i> , 2016 , 88, 193-204	6.9	62
11	ABCG26-mediated polyketide trafficking and hydroxycinnamoyl spermidines contribute to pollen wall exine formation in Arabidopsis. <i>Plant Cell</i> , 2014 , 26, 4483-98	11.6	61
10	Specific Recruitment of Phosphoinositide Species to the Plant-Pathogen Interfacial Membrane Underlies Arabidopsis Susceptibility to Fungal Infection. <i>Plant Cell</i> , 2020 , 32, 1665-1688	11.6	25
9	The Transcriptional Landscape of Polyploid Wheats and Their Diploid Ancestors during Embryogenesis and Grain Development. <i>Plant Cell</i> , 2019 , 31, 2888-2911	11.6	25
8	A role for TOR signaling at every stage of plant life. <i>Journal of Experimental Botany</i> , 2019 , 70, 2285-2296		10
7	Gene expression atlas of embryo development in Arabidopsis. <i>Plant Reproduction</i> , 2019 , 32, 93-104	3.9	10
6	Copy number variation of controls solid-stemmed architecture in wheat. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 28708-28718	11.5	7
5	Versatile and multifaceted CRISPR/Cas gene editing tool for plant research. <i>Seminars in Cell and Developmental Biology</i> , 2019 , 96, 107-114	7.5	6
4	The ARP2/3 complex, acting cooperatively with Class I formins, modulates penetration resistance in Arabidopsis against powdery mildew invasion. <i>Plant Cell</i> , 2021 , 33, 3151-3175	11.6	3
3	Alternative splicing dynamics and evolutionary divergence during embryogenesis in wheat species. <i>Plant Biotechnology Journal</i> , 2021 , 19, 1624-1643	11.6	2
2	The Toughest Material in the Plant Kingdom: An Update on Sporopollenin. <i>Frontiers in Plant Science</i> , 2021 , 12, 703864	6.2	1
1	Evolutionary divergence in embryo and seed coat development of Uls Triangle Brassica species illustrated by a spatiotemporal transcriptome atlas. <i>New Phytologist</i> , 2022 , 233, 30-51	9.8	0

