

# Teagen D Quilichini

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8765855/publications.pdf>

Version: 2024-02-01

19  
papers

1,231  
citations

567144

15  
h-index

839398

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1513  
citing authors

#	ARTICLE	IF	CITATIONS
1	The biosynthesis, composition and assembly of the outer pollen wall: A tough case to crack. <i>Phytochemistry</i> , 2015, 113, 170-182.	1.4	194
2	ATP-Binding Cassette Transporter G26 Is Required for Male Fertility and Pollen Exine Formation in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2010, 154, 678-690.	2.3	161
3	<i>Cannabis glandular trichomes alter morphology and metabolite content during flower maturation.</i> <i>Plant Journal</i> , 2020, 101, 37-56.	2.8	158
4	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, 138-154.	1.5	125
5	New views of tapetum ultrastructure and pollen exine development in <i>Arabidopsis thaliana</i> . <i>Annals of Botany</i> , 2014, 114, 1189-1201.	1.4	117
6	IRE1, a component of the unfolded protein response signaling pathway, protects pollen development in <i>Arabidopsis</i> from heat stress. <i>Plant Journal</i> , 2016, 88, 193-204.	2.8	113
7	ABCG26-Mediated Polyketide Trafficking and Hydroxycinnamoyl Spermidines Contribute to Pollen Wall Exine Formation in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2014, 26, 4483-4498.	3.1	84
8	The Transcriptional Landscape of Polyploid Wheats and Their Diploid Ancestors during Embryogenesis and Grain Development. <i>Plant Cell</i> , 2019, 31, 2888-2911.	3.1	57
9	Specific Recruitment of Phosphoinositide Species to the Plant-Pathogen Interfacial Membrane Underlies <i>Arabidopsis</i> Susceptibility to Fungal Infection. <i>Plant Cell</i> , 2020, 32, 1665-1688.	3.1	47
10	The Toughest Material in the Plant Kingdom: An Update on Sporopollenin. <i>Frontiers in Plant Science</i> , 2021, 12, 703864.	1.7	34
11	Copy number variation of <i>TdDof</i> 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.	3.3	33
12	Alternative splicing dynamics and evolutionary divergence during embryogenesis in wheat species. <i>Plant Biotechnology Journal</i> , 2021, 19, 1624-1643.	4.1	23
13	The ARP2/3 complex, acting cooperatively with Class I formins, modulates penetration resistance in <i>Arabidopsis</i> against powdery mildew invasion. <i>Plant Cell</i> , 2021, 33, 3151-3175.	3.1	23
14	A role for TOR signaling at every stage of plant life. <i>Journal of Experimental Botany</i> , 2019, 70, 2285-2296.	2.4	21
15	Evolutionary divergence in embryo and seed coat development of <i>Brassica</i> species illustrated by a spatiotemporal transcriptome atlas. <i>New Phytologist</i> , 2022, 233, 30-51.	3.5	16
16	Gene expression atlas of embryo development in <i>Arabidopsis</i> . <i>Plant Reproduction</i> , 2019, 32, 93-104.	1.3	15
17	Versatile and multifaceted CRISPR/Cas gene editing tool for plant research. <i>Seminars in Cell and Developmental Biology</i> , 2019, 96, 107-114.	2.3	9
18	A rapid method for sex identification in <i>Cannabis sativa</i> using high resolution melt analysis. <i>Botany</i> , 2023, 101, 284-290.	0.5	1

#	ARTICLE	IF	CITATIONS
19	Analysis of Developing Pollen Grains within Intact Arabidopsis thaliana Anthers by Olympus Two-Photon Laser Scanning Microscopy. Bio-protocol, 2015, 5, .	0.2	0