

Sophie de Vries

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4917691/publications.pdf>

Version: 2024-02-01

21
papers

1,018
citations

687363

13
h-index

794594

19
g-index

27
all docs

27
docs citations

27
times ranked

1177
citing authors

#	ARTICLE	IF	CITATIONS
1	Anthoceros genomes illuminate the origin of land plants and the unique biology of hornworts. <i>Nature Plants</i> , 2020, 6, 259-272.	9.3	225
2	Evo-physio: on stress responses and the earliest land plants. <i>Journal of Experimental Botany</i> , 2020, 71, 3254-3269.	4.8	107
3	How Embryophytic is the Biosynthesis of Phenylpropanoids and their Derivatives in Streptophyte Algae?. <i>Plant and Cell Physiology</i> , 2017, 58, 934-945.	3.1	102
4	Evolutionarily Dynamic, but Robust, Targeting of Resistance Genes by the miR482/2118 Gene Family in the Solanaceae. <i>Genome Biology and Evolution</i> , 2015, 7, 3307-3321.	2.5	86
5	The evolution of the phenylpropanoid pathway entailed pronounced radiations and divergences of enzyme families. <i>Plant Journal</i> , 2021, 107, 975-1002.	5.7	67
6	Heat stress response in the closest algal relatives of land plants reveals conserved stress signaling circuits. <i>Plant Journal</i> , 2020, 103, 1025-1048.	5.7	65
7	Underwater CAM photosynthesis elucidated by <i>Isoetes</i> genome. <i>Nature Communications</i> , 2021, 12, 6348.	12.8	56
8	On plant defense signaling networks and early land plant evolution. <i>Communicative and Integrative Biology</i> , 2018, 11, 1-14.	1.4	54
9	Jasmonic and salicylic acid response in the fern <i>Azolla filiculoides</i> and its cyanobiont. <i>Plant, Cell and Environment</i> , 2018, 41, 2530-2548.	5.7	40
10	Crossroads in the evolution of plant specialized metabolism. <i>Seminars in Cell and Developmental Biology</i> , 2023, 134, 37-58.	5.0	39
11	Rapid evolution in plant-microbe interactions – an evolutionary genomics perspective. <i>New Phytologist</i> , 2020, 226, 1256-1262.	7.3	35
12	Expression profiling across wild and cultivated tomatoes supports the relevance of early miR482/2118 suppression for <i>Phytophthora</i> resistance. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172560.	2.6	34
13	Signatures of selection and host-adapted gene expression of the <i>Phytophthora infestans</i> RNA silencing suppressor PSR2. <i>Molecular Plant Pathology</i> , 2017, 18, 110-124.	4.2	25
14	Broad-spectrum inhibition of <i>Phytophthora infestans</i> by fungal endophytes. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	2.7	14
15	The Elaboration of miRNA Regulation and Gene Regulatory Networks in Plant-Microbe Interactions. <i>Genes</i> , 2019, 10, 310.	2.4	13
16	Submergence of the filamentous Zygnematophyceae <i>Mougeotia</i> induces differential gene expression patterns associated with core metabolism and photosynthesis. <i>Protoplasma</i> , 2022, 259, 1157-1174.	2.1	12
17	A Global Survey of Carbohydrate Esterase Families 1 and 10 in Oomycetes. <i>Frontiers in Genetics</i> , 2020, 11, 756.	2.3	10
18	<i>Azolla</i> : A Model System for Symbiotic Nitrogen Fixation and Evolutionary Developmental Biology. , 2018, , 21-46.		8

#	ARTICLE	IF	CITATIONS
19	Comparative analyses of saprotrophy in <i>Salisapilia sapeloensis</i> and diverse plant pathogenic oomycetes reveal lifestyle-specific gene expression. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	2.7	4
20	Heterotrimeric G α proteins in <i>Picea abies</i> and their regulation in response to <i>Heterobasidion annosum</i> s.l. infection. <i>BMC Plant Biology</i> , 2015, 15, 287.	3.6	2
21	Different patterns of gene evolution underpin water-related innovations in land plants. <i>New Phytologist</i> , 2022, , .	7.3	0