

Jean Keller

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4884148/publications.pdf>

Version: 2024-02-01

24
papers

1,646
citations

567281

15
h-index

642732

23
g-index

30
all docs

30
docs citations

30
times ranked

2281
citing authors

#	ARTICLE	IF	CITATIONS
1	Phylogenomics reveals multiple losses of nitrogen-fixing root nodule symbiosis. <i>Science</i> , 2018, 361, .	12.6	339
2	Genomes of Subaerial Zygnematophyceae Provide Insights into Land Plant Evolution. <i>Cell</i> , 2019, 179, 1057-1067.e14.	28.9	320
3	<i>Anthoceros</i> genomes illuminate the origin of land plants and the unique biology of hornworts. <i>Nature Plants</i> , 2020, 6, 259-272.	9.3	225
4	An ancestral signalling pathway is conserved in intracellular symbioses-forming plant lineages. <i>Nature Plants</i> , 2020, 6, 280-289.	9.3	150
5	The evolutionary fate of the chloroplast and nuclear <i>rps16</i> genes as revealed through the sequencing and comparative analyses of four novel legume chloroplast genomes from <i>Lupinus</i> . <i>DNA Research</i> , 2017, 24, 343-358.	3.4	96
6	High-quality genome sequence of white lupin provides insight into soil exploration and seed quality. <i>Nature Communications</i> , 2020, 11, 492.	12.8	90
7	Lipid exchanges drove the evolution of mutualism during plant terrestrialization. <i>Science</i> , 2021, 372, 864-868.	12.6	90
8	An ancestral function of strigolactones as symbiotic rhizosphere signals. <i>Nature Communications</i> , 2022, 13, .	12.8	55
9	Proteomics for exploiting diversity of lupin seed storage proteins and their use as nutraceuticals for health and welfare. <i>Journal of Proteomics</i> , 2016, 143, 57-68.	2.4	42
10	LCO Receptors Involved in Arbuscular Mycorrhiza Are Functional for Rhizobia Perception in Legumes. <i>Current Biology</i> , 2019, 29, 4249-4259.e5.	3.9	41
11	Low genetic diversity contrasts with high phenotypic variability in heptaploid <i>Spartina densiflora</i> populations invading the Pacific coast of North America. <i>Ecology and Evolution</i> , 2018, 8, 4992-5007.	1.9	38
12	Cytonuclear interactions remain stable during allopolyploid evolution despite repeated whole-genome duplications in <i>Brassica</i> . <i>Plant Journal</i> , 2019, 98, 434-447.	5.7	32
13	The genome of <i>Geosiphon pyriformis</i> reveals ancestral traits linked to the emergence of the arbuscular mycorrhizal symbiosis. <i>Current Biology</i> , 2021, 31, 1570-1577.e4.	3.9	30
14	The <i>Medicago truncatula</i> DREPP Protein Triggers Microtubule Fragmentation in Membrane Nanodomains during Symbiotic Infections. <i>Plant Cell</i> , 2020, 32, 1689-1702.	6.6	23
15	Formin-mediated bridging of cell wall, plasma membrane, and cytoskeleton in symbiotic infections of <i>Medicago truncatula</i> . <i>Current Biology</i> , 2021, 31, 2712-2719.e5.	3.9	20
16	Plant-microbe interactions that have impacted plant terrestrializations. <i>Plant Physiology</i> , 2022, 190, 72-84.	4.8	10
17	The Intertwined Chloroplast and Nuclear Genome Coevolution in Plants. , 0, , .		9
18	VAPYRIN-like is required for development of the moss <i>Physcomitrella patens</i> . <i>Development (Cambridge)</i> , 2020, 147, .	2.5	7

#	ARTICLE	IF	CITATIONS
19	Genetic structure of <i>Spartina</i> hybrids between native <i>Spartina maritima</i> and invasive <i>Spartina densiflora</i> in Southwest Europe. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2019, 37, 26-38.	2.7	6
20	NIN-Like Proteins: Interesting Players in Rhizobia-Induced Nitrate Signaling Response During Interaction with Non-Legume Host <i>Arabidopsis thaliana</i> . <i>Molecular Plant-Microbe Interactions</i> , 2022, 35, 230-243.	2.6	3
21	PERKing up our understanding of the proline-rich extensin-like receptor kinases, a forgotten plant receptor kinase family. <i>New Phytologist</i> , 2022, 235, 875-884.	7.3	3
22	DELLA family duplication events lead to different selective constraints in angiosperms. <i>Genetica</i> , 2020, 148, 243-251.	1.1	2
23	The Repetitive Content in Lupin Genomes. <i>Compendium of Plant Genomes</i> , 2020, , 161-186.	0.5	2
24	Evolution of Plant Metabolism: A (Bio)synthesis. <i>Current Biology</i> , 2020, 30, R432-R435.	3.9	1