Jean Keller

List of Publications by Year
in descending order

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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	NIN-Like Proteins: Interesting Players in Rhizobia-Induced Nitrate Signaling Response During Interaction with Non-Legume Host Arabidopsis thaliana. Molecular Plant-Microbe Interactions, 2022, 35, 230-243.	2.6	3
2	PERKing up our understanding of the prolineâ€rich extensinâ€like receptor kinases, a forgotten plant receptor kinase family. New Phytologist, 2022, 235, 875-884.	7.3	3
3	Plantâ€“microbe interactions that have impacted plant terrestrializations. Plant Physiology, 2022, 190, 72-84.	4.8	10
4	An ancestral function of strigolactones as symbiotic rhizosphere signals. Nature Communications, 2022, 13, .	12.8	55
5	The genome of Geosiphon pyriformis reveals ancestral traits linked to the emergence of the arbuscular mycorrhizal symbiosis. Current Biology, 2021, 31, 1570-1577.e4.	3.9	30
6	Lipid exchanges drove the evolution of mutualism during plant terrestrialization. Science, 2021, 372, 864-868.	12.6	90
7	Formin-mediated bridging of cell wall, plasma membrane, and cytoskeleton in symbiotic infections of Medicago truncatula. Current Biology, 2021, 31, 2712-2719.e5.	3.9	20
8	DELLA family duplication events lead to different selective constraints in angiosperms. Genetica, 2020, 148, 243-251.	1.1	2
9	VAPYRIN-like is required for development of the moss Physcomitrella patens. Development (Cambridge), 2020, 147, .	2.5	7
10	Evolution of Plant Metabolism: A (Bio)synthesis. Current Biology, 2020, 30, R432-R435.	3.9	1
11	Anthoceros genomes illuminate the origin of land plants and the unique biology of hornworts. Nature Plants, 2020, 6, 259-272.	9.3	225
12	An ancestral signalling pathway is conserved in intracellular symbioses-forming plant lineages. Nature Plants, 2020, 6, 280-289.	9.3	150
13	The Medicago truncatula DREPP Protein Triggers Microtubule Fragmentation in Membrane Nanodomains during Symbiotic Infections. Plant Cell, 2020, 32, 1689-1702.	6.6	23
14	High-quality genome sequence of white lupin provides insight into soil exploration and seed quality. Nature Communications, 2020, 11, 492.	12.8	90
15	The Repetitive Content in Lupin Genomes. Compendium of Plant Genomes, 2020, , 161-186.	0.5	2
16	Genomes of Subaerial Zygnematophyceae Provide Insights into Land Plant Evolution. Cell, 2019, 179, 1057-1067.e14.	28.9	320
17	Genetic structure of Spartina hybrids between native Spartina maritima and invasive Spartina densiflora in Southwest Europe. Perspectives in Plant Ecology, Evolution and Systematics, 2019, 37, 26-38.	2.7	6
18	LCO Receptors Involved in Arbuscular Mycorrhiza Are Functional for Rhizobia Perception in Legumes. Current Biology, 2019, 29, 4249-4259.e5.	3.9	41

#	Article	IF	Citations
19	Cytonuclear interactions remain stable during allopolyploid evolution despite repeated wholeâ€genome duplications in Brassica. Plant Journal, 2019, 98, 434-447.	5.7	32
20	Phylogenomics reveals multiple losses of nitrogen-fixing root nodule symbiosis. Science, 2018, 361, .	12.6	339
21	Low genetic diversity contrasts with high phenotypic variability in heptaploid Spartina densiflora populations invading the Pacific coast of North America. Ecology and Evolution, 2018, 8, 4992-5007.	1.9	38
22	The evolutionary fate of the chloroplast and nuclear rps16 genes as revealed through the sequencing and comparative analyses of four novel legume chloroplast genomes from Lupinus. DNA Research, 2017, 24, 343-358.	3.4	96
23	Proteomics for exploiting diversity of lupin seed storage proteins and their use as nutraceuticals for health and welfare. Journal of Proteomics, 2016, 143, 57-68.	2.4	42
24	The Intertwined Chloroplast and Nuclear Genome Coevolution in Plants. , 0, , .		9