Juliette de Meaux

List of Publications by Year
in descending order

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Version: 2024-02-01

43 papers	3,427 citations	304743 22 h-index	276875 41 g-index
54 all docs	54 docs citations	54 times ranked	5020 citing authors

#	Article	IF	Citations
1	Genome-wide association study of 107 phenotypes in Arabidopsis thaliana inbred lines. Nature, 2010, 465, 627-631.	27.8	1,651
2	DOG1 expression is predicted by the seedâ€maturation environment and contributes to geographical variation in germination in Arabidopsis thaliana. Molecular Ecology, 2011, 20, 3336-3349.	3.9	144
3	Co-Variation between Seed Dormancy, Growth Rate and Flowering Time Changes with Latitude in Arabidopsis thaliana. PLoS ONE, 2013, 8, e61075.	2.5	130
4	Natural variation at Strubbelig Receptor Kinase 3 drives immune-triggered incompatibilities between Arabidopsis thaliana accessions. Nature Genetics, 2010, 42, 1135-1139.	21.4	117
5	miR824-Regulated AGAMOUS-LIKE16 Contributes to Flowering Time Repression in Arabidopsis Â Â. Plant Cell, 2014, 26, 2024-2037.	6.6	112
6	GENETIC BASIS OF ADAPTATION IN ARABIDOPSIS THALIANA: LOCAL ADAPTATION AT THE SEED DORMANCY QTL DOG1. Evolution; International Journal of Organic Evolution, 2012, 66, 2287-2302.	2.3	103
7	Natural variation in stomata size contributes to the local adaptation of waterâ€use efficiency in Arabidopsis thaliana. Molecular Ecology, 2018, 27, 4052-4065.	3.9	102
8	Arabidopsis thaliana Leaf Form Evolved via Loss of KNOX Expression in Leaves in Association with a Selective Sweep. Current Biology, 2010, 20, 2223-2228.	3.9	88
9	Flagellin Perception Varies Quantitatively in Arabidopsis thaliana and Its Relatives. Molecular Biology and Evolution, 2012, 29, 1655-1667.	8.9	77
10	ADAPTATION TO DIFFERENT RATES OF ENVIRONMENTAL CHANGE INCHLAMYDOMONAS. Evolution; International Journal of Organic Evolution, 2009, 63, 2952-2965.	2.3	69
11	Adaptive Walks Toward a Moving Optimum. Genetics, 2007, 176, 1089-1099.	2.9	63
12	Structurally different alleles of the ath- MIR824 microRNA precursor are maintained at high frequency in Arabidopsis thaliana. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 8994-8999.	7.1	63
13	Influence of mutation rate on estimators of genetic differentiation - lessons from Arabidopsis thaliana. BMC Genetics, 2010, 11, 33.	2.7	53
14	The Footprint of Polygenic Adaptation on Stress-ResponsiveCis-Regulatory Divergence in theArabidopsis Genus. Molecular Biology and Evolution, 2016, 33, 2088-2101.	8.9	50
15	Allele-Specific Assay Reveals Functional Variation in the Chalcone Synthase Promoter of Arabidopsis thaliana That Is Compatible with Neutral Evolution. Plant Cell, 2005, 17, 676-690.	6.6	47
16	Evolution of plant resistance at the molecular level: ecological context of species interactions. Heredity, 2003, 91, 345-352.	2.6	45
17	Cis-regulatory Evolution of Chalcone-Synthase Expression in the Genus Arabidopsis. Genetics, 2006, 174, 2181-2202.	2.9	43
18	Local Evolution of Seed Flotation in Arabidopsis. PLoS Genetics, 2014, 10, e1004221.	3.5	38

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19	Linking genes with ecological strategies in Arabidopsis thaliana. Journal of Experimental Botany, 2019, 70, 1141-1151.	4.8	37
20	Genome-wide Analysis of Cis-regulatory Divergence between Species in the Arabidopsis Genus. Molecular Biology and Evolution, 2012, 29, 3385-3395.	8.9	34
21	Robustness of Transposable Element Regulation but No Genomic Shock Observed in Interspecific Arabidopsis Hybrids. Genome Biology and Evolution, 2018, 10, 1403-1415.	2.5	33
22	Genetic and evolutionary perspectives on the interplay between plant immunity and development. Current Opinion in Plant Biology, 2011, 14, 378-384.	7.1	30
23	Widespread Interspecific Divergence in Cis-Regulation of Transposable Elements in the Arabidopsis Genus. Molecular Biology and Evolution, 2012, 29, 1081-1091.	8.9	29
24	Arabidopsis species deploy distinct strategies to cope with drought stress. Annals of Botany, 2019, 124, 27-40.	2.9	26
25	Rapid adaptive evolution to drought in a subset of plant traits in a largeâ€scale climate change experiment. Ecology Letters, 2020, 23, 1643-1653.	6.4	25
26	Cis-regulatory evolution spotlights species differences in the adaptive potential of gene expression plasticity. Nature Communications, 2021, 12, 3376.	12.8	25
27	Maintenance of Adaptive Dynamics and No Detectable Load in a Range-Edge Outcrossing Plant Population. Molecular Biology and Evolution, 2021, 38, 1820-1836.	8.9	24
28	Common gardens in teosintes reveal the establishment of a syndrome of adaptation to altitude. PLoS Genetics, 2019, 15, e1008512.	3.5	22
29	Polygenic adaptation of rosette growth in Arabidopsis thaliana. PLoS Genetics, 2021, 17, e1008748.	3.5	22
30	Polymorphism of a complex resistance gene candidate family in wild populations of common bean (Phaseolus vulgaris) in Argentina: comparison with phenotypic resistance polymorphism. Molecular Ecology, 2002, 12, 263-273.	3.9	17
31	The spectrum of mutations controlling complex traits and the genetics of fitness in plants. Current Opinion in Genetics and Development, 2013, 23, 665-671.	3.3	14
32	Assortment of Flowering Time and Immunity Alleles in Natural Arabidopsis thaliana Populations Suggests Immunity and Vegetative Lifespan Strategies Coevolve. Genome Biology and Evolution, 2018, 10, 2278-2291.	2.5	14
33	Strengths and potential pitfalls of hay transfer for ecological restoration revealed by RADâ€seq analysis in floodplain Arabis species. Molecular Ecology, 2019, 28, 3887-3901.	3.9	14
34	Cisâ€regulatory variation in plant genomes and the impact of natural selection. American Journal of Botany, 2018, 105, 1788-1791.	1.7	10
35	The cause and consequences of natural variation: the genome era takes off!. Current Opinion in Plant Biology, 2008, 11, 99-102.	7.1	9
36	Temporal fitness fluctuations in experimental Arabidopsis thaliana populations. PLoS ONE, 2017, 12, e0178990.	2.5	9

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37	The Arabidopsis genus. Mobile Genetic Elements, 2012, 2, 142-144.	1.8	8
38	Assessing the Influence of Adjacent Gene Orientation on the Evolution of Gene Upstream Regions in Arabidopsis thaliana. Genetics, 2010, 185, 695-701.	2.9	4
39	Approximate Bayesian Computation Untangles Signatures of Contemporary and Historical Hybridization between Two Endangered Species. Molecular Biology and Evolution, 2022, 39, .	8.9	4
40	An adaptive path through jungle DNA. Nature Genetics, 2006, 38, 506-507.	21.4	3
41	Spatial pattern for resistance to a pathogen. Theoretical approach and empirical approach at the phenotypic and molecular levels. Genetics Selection Evolution, 2001, 33, S3.	3.0	2
42	Treasurerâ€™s Report for Financial Year (FY) 2014:. Molecular Biology and Evolution, 2016, 33, 301-301.	8.9	0
43	Treasurerâ€™s Report for Financial Year (FY) 2016. Genome Biology and Evolution, 2017, 9, 3432-3432.	2.5	0