Aline Muyle

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3448878/publications.pdf

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20	918	567281 15	752698 20
papers	citations	h-index	g-index

25	25	25	1081
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rapid De Novo Evolution of X Chromosome Dosage Compensation in Silene latifolia, a Plant with Young Sex Chromosomes. PLoS Biology, 2012, 10, e1001308.	5.6	146
2	The genetic basis of sex determination in grapes. Nature Communications, 2020, 11, 2902.	12.8	118
3	GC-Biased Gene Conversion and Selection Affect GC Content in the Oryza Genus (rice). Molecular Biology and Evolution, 2011, 28, 2695-2706.	8.9	83
4	The Evolution of Sex Chromosomes and Dosage Compensation in Plants. Genome Biology and Evolution, 2017, 9, 627-645.	2.5	77
5	SEX-DETector: A Probabilistic Approach to Study Sex Chromosomes in Non-Model Organisms. Genome Biology and Evolution, 2016, 8, 2530-2543.	2.5	64
6	Evolution of sex-biased gene expression in a dioecious plant. Nature Plants, 2016, 2, 16168.	9.3	57
7	Early Sex-Chromosome Evolution in the Diploid Dioecious Plant Mercurialis annua. Genetics, 2019, 212, 815-835.	2.9	53
8	The genome-wide dynamics of purging during selfing in maize. Nature Plants, 2019, 5, 980-990.	9.3	42
9	Evolution of Young Sex Chromosomes in Two Dioecious Sister Plant Species with Distinct Sex Determination Systems. Genome Biology and Evolution, 2019, 11, 350-361.	2.5	40
10	Genomic imprinting mediates dosage compensation in a young plant XY system. Nature Plants, 2018, 4, 677-680.	9.3	34
11	Dioecy Is Associated with High Genetic Diversity and Adaptation Rates in the Plant GenusSilene. Molecular Biology and Evolution, 2021, 38, 805-818.	8.9	31
12	Loss of Gene Body Methylation inEutrema salsugineumIs Associated with Reduced Gene Expression. Molecular Biology and Evolution, 2019, 36, 155-158.	8.9	29
13	Chromosomeâ€scale assembly of the genome of Salix dunnii reveals a maleâ€heterogametic sex determination system on chromosome 7. Molecular Ecology Resources, 2021, 21, 1966-1982.	4.8	28
14	Plant epigenetics: phenotypic and functional diversity beyond the DNA sequence. American Journal of Botany, 2021, 108, 553-558.	1.7	22
15	Gene capture by transposable elements leads to epigenetic conflict in maize. Molecular Plant, 2021, 14, 237-252.	8.3	17
16	Epigenetics drive the evolution of sex chromosomes in animals and plants. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200124.	4.0	15
17	How different is the evolution of sex-biased gene expression between plants and animals? A commentary on: â€˜Sexual dimorphism and rapid turnover in gene expression in pre-reproductive seedlings of a dioecious herbâ€™. Annals of Botany, 2019, 123, iv-v.	2.9	14
18	Evidence for Dosage Compensation in Coccinia grandis, a Plant with a Highly Heteromorphic XY System. Genes, 2020, 11, 787.	2.4	12

#	Article	IF	Citations
19	Gene body methylation is under selection in Arabidopsis thaliana. Genetics, 2021, 218, .	2.9	10
20	Dosage compensation evolution in plants: theories, controversies and mechanisms. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, 20210222.	4.0	9