

Aline Muyle

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

918
citations

567281

15
h-index

752698

20
g-index

25
all docs

25
docs citations

25
times ranked

1081
citing authors

#	ARTICLE	IF	CITATIONS
1	Dosage compensation evolution in plants: theories, controversies and mechanisms. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20210222.	4.0	9
2	Gene capture by transposable elements leads to epigenetic conflict in maize. <i>Molecular Plant</i> , 2021, 14, 237-252.	8.3	17
3	Dioecy Is Associated with High Genetic Diversity and Adaptation Rates in the Plant Genus <i>Silene</i> . <i>Molecular Biology and Evolution</i> , 2021, 38, 805-818.	8.9	31
4	Chromosome-scale assembly of the genome of <i>Salix dunnii</i> reveals a male heterogametic sex determination system on chromosome 7. <i>Molecular Ecology Resources</i> , 2021, 21, 1966-1982.	4.8	28
5	Epigenetics drive the evolution of sex chromosomes in animals and plants. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200124.	4.0	15
6	Plant epigenetics: phenotypic and functional diversity beyond the DNA sequence. <i>American Journal of Botany</i> , 2021, 108, 553-558.	1.7	22
7	Gene body methylation is under selection in <i>Arabidopsis thaliana</i> . <i>Genetics</i> , 2021, 218, .	2.9	10
8	Evidence for Dosage Compensation in <i>Coccinia grandis</i> , a Plant with a Highly Heteromorphic XY System. <i>Genes</i> , 2020, 11, 787.	2.4	12
9	The genetic basis of sex determination in grapes. <i>Nature Communications</i> , 2020, 11, 2902.	12.8	118
10	How different is the evolution of sex-biased gene expression between plants and animals? A commentary on: "Sexual dimorphism and rapid turnover in gene expression in pre-reproductive seedlings of a dioecious herb". <i>Annals of Botany</i> , 2019, 123, iv-v.	2.9	14
11	The genome-wide dynamics of purging during selfing in maize. <i>Nature Plants</i> , 2019, 5, 980-990.	9.3	42
12	Evolution of Young Sex Chromosomes in Two Dioecious Sister Plant Species with Distinct Sex Determination Systems. <i>Genome Biology and Evolution</i> , 2019, 11, 350-361.	2.5	40
13	Early Sex-Chromosome Evolution in the Diploid Dioecious Plant <i>Mercurialis annua</i> . <i>Genetics</i> , 2019, 212, 815-835.	2.9	53
14	Loss of Gene Body Methylation in <i>Eutrema salsugineum</i> Is Associated with Reduced Gene Expression. <i>Molecular Biology and Evolution</i> , 2019, 36, 155-158.	8.9	29
15	Genomic imprinting mediates dosage compensation in a young plant XY system. <i>Nature Plants</i> , 2018, 4, 677-680.	9.3	34
16	The Evolution of Sex Chromosomes and Dosage Compensation in Plants. <i>Genome Biology and Evolution</i> , 2017, 9, 627-645.	2.5	77
17	SEX-DETECTOR: A Probabilistic Approach to Study Sex Chromosomes in Non-Model Organisms. <i>Genome Biology and Evolution</i> , 2016, 8, 2530-2543.	2.5	64
18	Evolution of sex-biased gene expression in a dioecious plant. <i>Nature Plants</i> , 2016, 2, 16168.	9.3	57

#	ARTICLE	IF	CITATIONS
19	Rapid De Novo Evolution of X Chromosome Dosage Compensation in <i>Silene latifolia</i> , a Plant with Young Sex Chromosomes. <i>PLoS Biology</i> , 2012, 10, e1001308.	5.6	146
20	GC-Biased Gene Conversion and Selection Affect GC Content in the <i>Oryza</i> Genus (rice). <i>Molecular Biology and Evolution</i> , 2011, 28, 2695-2706.	8.9	83