

Yann Froelicher

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

838
citations

759233

12
h-index

794594

19
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21
all docs

21
docs citations

21
times ranked

508
citing authors

#	ARTICLE	IF	CITATIONS
1	Tetraploidization events by chromosome doubling of nucellar cells are frequent in apomictic citrus and are dependent on genotype and environment. <i>Annals of Botany</i> , 2011, 108, 37-50.	2.9	111
2	New universal mitochondrial PCR markers reveal new information on maternal citrus phylogeny. <i>Tree Genetics and Genomes</i> , 2011, 7, 49-61.	1.6	99
3	Induced parthenogenesis in mandarin for haploid production: induction procedures and genetic analysis of plantlets. <i>Plant Cell Reports</i> , 2007, 26, 937-944.	5.6	81
4	Somatic hybridization for citrus rootstock breeding: an effective tool to solve some important issues of the Mediterranean citrus industry. <i>Plant Cell Reports</i> , 2011, 30, 883-900.	5.6	75
5	Sensitivity to high salinity in tetraploid citrus seedlings increases with water availability and correlates with expression of candidate genes. <i>Functional Plant Biology</i> , 2010, 37, 674.	2.1	72
6	Evidence for non-disomic inheritance in a Citrus interspecific tetraploid somatic hybrid between <i>C. reticulata</i> and <i>C. limon</i> using SSR markers and cytogenetic analysis. <i>Plant Cell Reports</i> , 2011, 30, 1415-1425.	5.6	54
7	Maximum-likelihood method identifies meiotic restitution mechanism from heterozygosity transmission of centromeric loci: application in citrus. <i>Scientific Reports</i> , 2015, 5, 9897.	3.3	39
8	Genotyping by sequencing can reveal the complex mosaic genomes in gene pools resulting from reticulate evolution: a case study in diploid and polyploid citrus. <i>Annals of Botany</i> , 2019, 123, 1231-1251.	2.9	38
9	Triploid Citrus Genotypes Have a Better Tolerance to Natural Chilling Conditions of Photosynthetic Capacities and Specific Leaf Volatile Organic Compounds. <i>Frontiers in Plant Science</i> , 2020, 11, 330.	3.6	34
10	Non-additive phenotypic and transcriptomic inheritance in a citrus allotetraploid somatic hybrid between <i>C. reticulata</i> and <i>C. limon</i> : the case of pulp carotenoid biosynthesis pathway. <i>Plant Cell Reports</i> , 2009, 28, 1689-1697.	5.6	32
11	Somatic hybridization between diploid <i>Poncirus</i> and Citrus improves natural chilling and light stress tolerances compared with equivalent doubled-diploid genotypes. <i>Trees - Structure and Function</i> , 2018, 32, 883-895.	1.9	27
12	Preferential Homologous Chromosome Pairing in a Tetraploid Intergeneric Somatic Hybrid (<i>Citrus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Science, 2018, 9, 1557.	3.6	22
13	Traditional breeding. , 2020, , 129-148.		15
14	Improved response of triploid citrus varieties to water deficit is related to anatomical and cytological properties. <i>Plant Physiology and Biochemistry</i> , 2021, 162, 762-775.	5.8	13
15	Preferential Disomic Segregation and <i>C. micrantha</i> / <i>C. medica</i> Interspecific Recombination in Tetraploid â€œGiant Keyâ€™™ Lime; Outlook for Triploid Lime Breeding. <i>Frontiers in Plant Science</i> , 2020, 11, 939.	3.6	10
16	Ploidy Manipulation for Citrus Breeding, Genetics, and Genomics. <i>Compendium of Plant Genomes</i> , 2020, , 75-105.	0.5	10
17	Enhanced Photosynthetic Capacity, Osmotic Adjustment and Antioxidant Defenses Contribute to Improve Tolerance to Moderate Water Deficit and Recovery of Triploid Citrus Genotypes. <i>Antioxidants</i> , 2022, 11, 562.	5.1	10
18	Intermediate Inheritance with Disomic Tendency in Tetraploid Intergeneric Citrus Ã— <i>Poncirus</i> Hybrids Enhances the Efficiency of Citrus Rootstock Breeding. <i>Agronomy</i> , 2020, 10, 1961.	3.0	8

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19	The effect of cross direction and ploidy level on phenotypic variation of reciprocal diploid and triploid mandarin hybrids. <i>Tree Genetics and Genomes</i> , 2020, 16, 1.	1.6	7
20	Triploidy in Citrus Genotypes Improves Leaf Gas Exchange and Antioxidant Recovery From Water Deficit. <i>Frontiers in Plant Science</i> , 2020, 11, 615335.	3.6	7