Jean-Michel Michno

List of Publications by Year
in descending order

19	942	687363 13	794594 19
papers	citations	h-index	g-index

21	21	21	1484
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of Candidate Susceptibility Genes to Puccinia graminis f. sp. tritici in Wheat. Frontiers in Plant Science, 2021, 12, 657796.	3.6	10
2	Integration, abundance, and transmission of mutations and transgenes in a series of CRISPR/Cas9 soybean lines. BMC Biotechnology, 2020, 20, 10.	3.3	21
3	Using multiple reference genomes to identify and resolve annotation inconsistencies. BMC Genomics, 2020, 21, 281.	2.8	10
4	Identification of nodulationâ€related genes in Medicago truncatula using genomeâ€wide association studies and coâ€expression networks. Plant Direct, 2020, 4, e00220.	1.9	4
5	Identification and Fineâ€Mapping of a Soybean Quantitative Trait Locus on Chromosome 5 Conferring Tolerance to Iron Deficiency Chlorosis. Plant Genome, 2019, 12, 190007.	2.8	14
6	Genome Editing in Soybean with CRISPR/Cas9. Methods in Molecular Biology, 2019, 1917, 217-234.	0.9	27
7	<scp>CRISPR</scp>/Cas9 and <scp>TALEN</scp>s generate heritable mutations for genes involved in small <scp>RNA</scp> processing of Glycine max and Medicago truncatula. Plant Biotechnology Journal, 2018, 16, 1125-1137.	8.3	147
8	Integrating Coexpression Networks with GWAS to Prioritize Causal Genes in Maize. Plant Cell, 2018, 30, 2922-2942.	6.6	137
9	The importance of genotype identity, genetic heterogeneity, and bioinformatic handling for properly assessing genomic variation in transgenic plants. BMC Biotechnology, 2018, 18, 38.	3.3	9
10	Genetic Architecture of Soybean Yield and Agronomic Traits. G3: Genes, Genomes, Genetics, 2018, 8, 3367-3375.	1.8	98
11	An Induced Chromosomal Translocation in Soybean Disrupts a KASI Ortholog and Is Associated with a High-Sucrose and Low-Oil Seed Phenotype. G3: Genes, Genomes, Genetics, 2017, 7, 1215-1223.	1.8	42
12	Unraveling gene function in agricultural species using gene co-expression networks. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2017, 1860, 53-63.	1.9	47
13	MicroRNA Maturation and MicroRNA Target Gene Expression Regulation Are Severely Disrupted in Soybean dicer-like1 Double Mutants. G3: Genes, Genomes, Genetics, 2016, 6, 423-433.	1.8	23
14	Genomic variation and DNA repair associated with soybean transgenesis: a comparison to cultivars and mutagenized plants. BMC Biotechnology, 2016, 16, 41.	3.3	54
15	Identical Substitutions in Magnesium Chelatase Paralogs Result in Chlorophyll-Deficient Soybean Mutants. G3: Genes, Genomes, Genetics, 2015, 5, 123-131.	1.8	57
16	A bacterial gene codA encoding cytosine deaminase is an effective conditional negative selectable marker in Glycine max. Plant Cell Reports, 2015, 34, 1707-1716.	5.6	5
17	CRISPR/Cas mutagenesis of soybean and Medicago truncatula using a new web-tool and a modified Cas9 enzyme. GM Crops and Food, 2015, 6, 243-252.	3.8	162
18	Genome Resilience and Prevalence of Segmental Duplications Following Fast Neutron Irradiation of Soybean. Genetics, 2014, 198, 967-981.	2.9	53

#	Article	IF	Citations
19	Evaluating an interspecific Helianthus annuusÃ—Helianthus tuberosus population for use in a perennial sunflower breeding program. Field Crops Research, 2014, 155, 254-264.	5.1	21