

Florian Veillet

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

773
citations

840776

11
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

845
citing authors

#	ARTICLE	IF	CITATIONS
1	Transgene-Free Genome Editing in Tomato and Potato Plants Using Agrobacterium-Mediated Delivery of a CRISPR/Cas9 Cytidine Base Editor. <i>International Journal of Molecular Sciences</i> , 2019, 20, 402.	4.1	240
2	Expression of Arabidopsis sugar transport protein STP13 differentially affects glucose transport activity and basal resistance to <i>Botrytis cinerea</i> . <i>Plant Molecular Biology</i> , 2014, 85, 473-484.	3.9	127
3	The <i>Solanum tuberosum</i> GBSSI gene: a target for assessing gene and base editing in tetraploid potato. <i>Plant Cell Reports</i> , 2019, 38, 1065-1080.	5.6	78
4	Targeting the AtCWIN1 Gene to Explore the Role of Invertases in Sucrose Transport in Roots and during <i>Botrytis cinerea</i> Infection. <i>Frontiers in Plant Science</i> , 2016, 7, 1899.	3.6	57
5	New Strategies to Overcome Present CRISPR/Cas9 Limitations in Apple and Pear: Efficient Dechimerization and Base Editing. <i>International Journal of Molecular Sciences</i> , 2021, 22, 319.	4.1	53
6	Expanding the CRISPR Toolbox in <i>P. patens</i> Using SpCas9-NG Variant and Application for Gene and Base Editing in Solanaceae Crops. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1024.	4.1	44
7	CRISPR-induced indels and base editing using the <i>Staphylococcus aureus</i> Cas9 in potato. <i>PLoS ONE</i> , 2020, 15, e0235942.	2.5	33
8	Precision Breeding Made Real with CRISPR: Illustration through Genetic Resistance to Pathogens. <i>Plant Communications</i> , 2020, 1, 100102.	7.7	32
9	Prime Editing in the model plant <i>Physcomitrium patens</i> and its potential in the tetraploid potato. <i>Plant Science</i> , 2022, 316, 111162.	3.6	32
10	The molecular dialogue between <i>Arabidopsis thaliana</i> and the necrotrophic fungus <i>Botrytis cinerea</i> leads to major changes in host carbon metabolism. <i>Scientific Reports</i> , 2017, 7, 17121.	3.3	26
11	A blueprint for gene function analysis through Base Editing in the model plant <i>Physcomitrium (Physcomitrella) patens</i> . <i>New Phytologist</i> , 2021, 230, 1258-1272.	7.3	18
12	Gene Editing in Potato Using CRISPR-Cas9 Technology. <i>Methods in Molecular Biology</i> , 2021, 2354, 331-351.	0.9	4