

Sarah Z Agapito-Tenfen

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

513
citations

932766

10
h-index

713013

21
g-index

34
all docs

34
docs citations

34
times ranked

546
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainability and innovation in staple crop production in the US Midwest. <i>International Journal of Agricultural Sustainability</i> , 2014, 12, 71-88.	1.3	67
2	An integrated multi-omics analysis of the NK603 Roundup-tolerant GM maize reveals metabolism disturbances caused by the transformation process. <i>Scientific Reports</i> , 2016, 6, 37855.	1.6	58
3	A comparative evaluation of the regulation of GM crops or products containing dsRNA and suggested improvements to risk assessments. <i>Environment International</i> , 2013, 55, 43-55.	4.8	56
4	Revisiting Risk Governance of GM Plants: The Need to Consider New and Emerging Gene-Editing Techniques. <i>Frontiers in Plant Science</i> , 2018, 9, 1874.	1.7	56
5	Effect of stacking insecticidal cry and herbicide tolerance epsps transgenes on transgenic maize proteome. <i>BMC Plant Biology</i> , 2014, 14, 346.	1.6	48
6	Molecular responses of genetically modified maize to abiotic stresses as determined through proteomic and metabolomic analyses. <i>PLoS ONE</i> , 2017, 12, e0173069.	1.1	43
7	PEG-Delivered CRISPR-Cas9 Ribonucleoproteins System for Gene-Editing Screening of Maize Protoplasts. <i>Genes</i> , 2020, 11, 1029.	1.0	36
8	Comparative proteomic analysis of genetically modified maize grown under different agroecosystems conditions in Brazil. <i>Proteome Science</i> , 2013, 11, 46.	0.7	32
9	Proteome of <i>Plasmopara viticola</i> -infected <i>Vitis vinifera</i> provides insights into grapevine Rpv1 / Rpv3 pyramided resistance to downy mildew. <i>Journal of Proteomics</i> , 2017, 151, 264-274.	1.2	18
10	Transgene flow in Mexican maize revisited: Socio-biological analysis across two contrasting farmer communities and seed management systems. <i>Ecology and Evolution</i> , 2017, 7, 9461-9472.	0.8	12
11	Levels of DNA methylation and transcript accumulation in leaves of transgenic maize varieties. <i>Environmental Sciences Europe</i> , 2016, 28, 29.	2.6	11
12	Stacked genetically modified soybean harboring herbicide resistance and insecticide rCry1Ac shows strong defense and redox homeostasis disturbance after glyphosate-based herbicide application. <i>Environmental Sciences Europe</i> , 2020, 32, .	2.6	11
13	Alterations in genetically modified crops assessed by omics studies: Systematic review and meta-analysis. <i>Trends in Food Science and Technology</i> , 2022, 120, 325-337.	7.8	11
14	Patterns of polyembryony and frequency of surviving multiple embryos of the Brazilian pine <i>Araucaria angustifolia</i> . <i>Australian Journal of Botany</i> , 2011, 59, 749.	0.3	8
15	Comparative proteomic analysis of off-type and normal phenotype somatic plantlets derived from somatic embryos of Feijoa (<i>Acca sellowiana</i> (O. Berg) Burret). <i>Plant Science</i> , 2013, 210, 224-231.	1.7	8
16	Challenges for transgene detection in landraces and wild relatives: learning from 15 years of debate over GM maize in Mexico. <i>Biodiversity and Conservation</i> , 2018, 27, 539-566.	1.2	8
17	Proteomic Profile of Glyphosate-Resistant Soybean under Combined Herbicide and Drought Stress Conditions. <i>Plants</i> , 2021, 10, 2381.	1.6	7
18	A DNA-Free Editing Platform for Genetic Screens in Soybean via CRISPR/Cas9 Ribonucleoprotein Delivery. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	7

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19	Genetic and epigenetic characterization of the cry1Ab coding region and its 3â€² flanking genomic region in MON810 maize using next-generation sequencing. <i>European Food Research and Technology</i> , 2018, 244, 1473-1485.	1.6	5
20	Identification of the Er1 resistance gene and RNase S-alleles in <i>Malus prunifolia</i> var. ringo rootstock. <i>Scientia Agricola</i> , 2015, 72, 62-68.	0.6	4
21	Response to a 28-day oral toxicity evaluation of small interfering RNAs and a long double-stranded RNA targeting vacuolar ATPase in mice. <i>Regulatory Toxicology and Pharmacology</i> , 2015, 71, 599-600.	1.3	2
22	Analysis of transcriptomic differences between NK603 maize and near-isogenic varieties using RNA sequencing and RT-qPCR. <i>Environmental Sciences Europe</i> , 2020, 32, .	2.6	2
23	Reply to "Comments on two recent publications on GM maize and Roundup"™. <i>Scientific Reports</i> , 2018, 8, 13339.	1.6	1
24	Reply to comment on sustainability and innovation in staple crop production in the US Midwest. <i>International Journal of Agricultural Sustainability</i> , 2014, 12, 387-390.	1.3	0
25	Systematic miRNome profiling reveals differential microRNAs in transgenic maize metabolism. <i>Environmental Sciences Europe</i> , 2018, 30, 37.	2.6	0
26	Untargeted Proteomics-Based Approach to Investigate Unintended Changes in Genetically Modified Maize for Environmental Risk Assessment Purpose. <i>Frontiers in Toxicology</i> , 2021, 3, 655968.	1.6	0
27	Challenges for monitoring (trans)gene-flow in the environment.. , 2021, , 39-55.		0
28	Detection, Quantification and Identification of Genome-Edited Crops. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0