

Andres M Gatica Arias

List of Publications by Year in descending order

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18
papers

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#	ARTICLE	IF	CITATIONS
1	A Temporary Immersion System Improves Regeneration of In Vitro Irradiated Recalcitrant Indica Rice (<i>Oryza sativa</i> L.) Embryogenic Calli. <i>Plants</i> , 2022, 11, 375.	3.5	4
2	NTH2 1271_1272delTA Gene Disruption Results in Salt Tolerance in <i>Saccharomyces cerevisiae</i> . <i>Fermentation</i> , 2022, 8, 166.	3.0	0
3	Rice breeding in the new era: Comparison of useful agronomic traits. <i>Current Plant Biology</i> , 2021, 27, 100211.	4.7	15
4	Use of genome editing technologies for genetic improvement of crops of tropical origin. <i>Plant Cell, Tissue and Organ Culture</i> , 2020, 140, 215-244.	2.3	13
5	The regulatory current status of plant breeding technologies in some Latin American and the Caribbean countries. <i>Plant Cell, Tissue and Organ Culture</i> , 2020, 141, 229-242.	2.3	41
6	Use of gamma radiation to induce mutations in rice (<i>Oryza sativa</i> L.) and the selection of lines with tolerance to salinity and drought. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2020, 56, 88-97.	2.1	19
7	Consumer attitudes toward food crops developed by CRISPR/Cas9 in Costa Rica. <i>Plant Cell, Tissue and Organ Culture</i> , 2019, 139, 417-427.	2.3	28
8	Sensitivity of Seeds to Chemical Mutagens, Detection of DNA Polymorphisms and Agro-Metrical Traits in M1 Generation of Coffee (<i>Coffea arabica</i> L.). <i>Journal of Crop Science and Biotechnology</i> , 2019, 22, 451-464.	1.5	7
9	CRISPR/Cas9: Development and Application in Rice Breeding. <i>Rice Science</i> , 2019, 26, 265-281.	3.9	54
10	A simple and efficient agroinfiltration method in coffee leaves (<i>Coffea arabica</i> L.): assessment of factors affecting transgene expression. <i>3 Biotech</i> , 2018, 8, 471.	2.2	6
11	Responses of Arabica coffee (<i>Coffea arabica</i> L. var. <i>Caturra</i>) cell suspensions to chemically induced mutagenesis and salinity stress under in vitro culture conditions. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2018, 54, 576-589.	2.1	15
12	In vitro plant regeneration system for common bean (<i>Phaseolus vulgaris</i>): effect of N6-benzylaminopurine and adenine sulphate. <i>Electronic Journal of Biotechnology</i> , 2010, 13, .	2.2	16
13	Plant regeneration via indirect somatic embryogenesis and optimisation of genetic transformation in <i>Coffea arabica</i> L. cvs. <i>Caturra</i> and <i>Caturra</i> . <i>Electronic Journal of Biotechnology</i> , 2008, 11, 0-0.	2.2	26
14	Vaso fermentador de bajo costo para la micropropagación masiva de jengibre. <i>Agronomy Mesoamerican</i> , 2008, 19, 87.	0.2	2
15	Aspectos clave para la transformación genética de arroz (<i>Oryza sativa</i> L.) subespecie indica mediante <i>Agrobacterium tumefaciens</i> . <i>Agronomy Mesoamerican</i> , 0, , 764-778.	0.2	0
16	Influence of Silver Nitrate on Somatic Embryogenesis Induction in Arabica Coffee (<i>Coffea arabica</i> L.). <i>Brazilian Archives of Biology and Technology</i> , 0, 62, .	0.5	8
17	Una mirada en el tiempo: mejoramiento genético de café mediante la aplicación de la biotecnología. <i>Agronomy Mesoamerican</i> , 0, , 577-599.	0.2	2
18	Development of synthetic seeds in Arabica coffee embryos under aseptic and non-aseptic conditions. <i>Vegetos</i> , 0, , 1.	1.5	0