

# Viviana Echenique

## List of Publications by Year in descending order

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45  
papers

2,401  
citations

361413

20  
h-index

243625

44  
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all docs

45  
docs citations

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times ranked

2245  
citing authors

#	ARTICLE	IF	CITATIONS
1	Population structure, allelic variation at Rht-B1 and Ppd-A1 loci and its effects on agronomic traits in Argentinian durum wheat. <i>Scientific Reports</i> , 2022, 12, .	3.3	9
2	Linkage disequilibrium patterns, population structure and diversity analysis in a worldwide durum wheat collection including Argentinian genotypes. <i>BMC Genomics</i> , 2021, 22, 233.	2.8	17
3	Differential Methylation Patterns in Apomictic vs. Sexual Genotypes of the Diplosporous Grass <i>Eragrostis curvula</i> . <i>Plants</i> , 2021, 10, 946.	3.5	6
4	Association of novel characterized sequence variations in the $\beta$ -carotene desaturase (Zds) gene with yellow color and yellow pigment content in durum wheat cultivars. <i>Journal of Cereal Science</i> , 2021, 99, 103185.	3.7	2
5	<i>Eragrostis curvula</i> , a Model Species for Diplosporous Apomixis. <i>Plants</i> , 2021, 10, 1818.	3.5	4
6	Genetic Transformation of Apomictic Grasses: Progress and Constraints. <i>Frontiers in Plant Science</i> , 2021, 12, 768393.	3.6	7
7	Allelic Variation at Glutenin Loci (Glu-1, Glu-2 and Glu-3) in a Worldwide Durum Wheat Collection and Its Effect on Quality Attributes. <i>Foods</i> , 2021, 10, 2845.	4.3	14
8	Genes Modulating the Increase in Sexuality in the Facultative Diplosporous Grass <i>Eragrostis curvula</i> under Water Stress Conditions. <i>Genes</i> , 2020, 11, 969.	2.4	13
9	The Global Durum Wheat Panel (GDP): An International Platform to Identify and Exchange Beneficial Alleles. <i>Frontiers in Plant Science</i> , 2020, 11, 569905.	3.6	44
10	A high-quality genome of <i>Eragrostis curvula</i> grass provides insights into Poaceae evolution and supports new strategies to enhance forage quality. <i>Scientific Reports</i> , 2019, 9, 10250.	3.3	27
11	A High-Density Linkage Map of the Forage Grass <i>Eragrostis curvula</i> and Localization of the Diplospory Locus. <i>Frontiers in Plant Science</i> , 2019, 10, 918.	3.6	12
12	Genetic diversity and linkage disequilibrium using SNP (KASP) and AFLP markers in a worldwide durum wheat ( <i>Triticum turgidum</i> L. var <i>durum</i> ) collection. <i>PLoS ONE</i> , 2019, 14, e0218562.	2.5	28
13	Characterization and discovery of miRNA and miRNA targets from apomictic and sexual genotypes of <i>Eragrostis curvula</i> . <i>BMC Genomics</i> , 2019, 20, 839.	2.8	15
14	Biocontrol of <i>Fusarium graminearum sensu stricto</i> , Reduction of Deoxynivalenol Accumulation and Phytohormone Induction by Two Selected Antagonists. <i>Toxins</i> , 2018, 10, 88.	3.4	49
15	QTL mapping and analysis of epistatic interactions for grain yield and yield-related traits in <i>Triticum turgidum</i> L. var. <i>durum</i> . <i>Euphytica</i> , 2017, 213, 1.	1.2	48
16	Temporal and spatial expression of genes involved in DNA methylation during reproductive development of sexual and apomictic <i>Eragrostis curvula</i> . <i>Scientific Reports</i> , 2017, 7, 15092.	3.3	22
17	Apomixis frequency under stress conditions in weeping lovegrass ( <i>Eragrostis curvula</i> ). <i>PLoS ONE</i> , 2017, 12, e0175852.	2.5	87
18	De novo transcriptome sequencing and assembly from apomictic and sexual <i>Eragrostis curvula</i> genotypes. <i>PLoS ONE</i> , 2017, 12, e0185595.	2.5	30

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19	Repetitive sequences in <i>Eragrostis curvula</i> cDNA EST libraries obtained from genotypes with different ploidy. <i>Biologia Plantarum</i> , 2016, 60, 55-67.	1.9	7
20	Identification of genes induced by <i>Fusarium graminearum</i> inoculation in the resistant durum wheat line Langdon(Dic-3A)10 and the susceptible parental line Langdon. <i>Microbiological Research</i> , 2015, 177, 53-66.	5.3	7
21	Characterization of repetitive DNA landscape in wheat homeologous group 4 chromosomes. <i>BMC Genomics</i> , 2015, 16, 375.	2.8	16
22	New insights into the wheat chromosome 4D structure and virtual gene order, revealed by survey pyrosequencing. <i>Plant Science</i> , 2015, 233, 200-212.	3.6	20
23	Identification, mapping and evolutionary course of wheat lipoxygenase-1 genes located on the A genome. <i>Journal of Cereal Science</i> , 2013, 58, 298-304.	3.7	11
24	Weeping Lovegrass Yield and Nutritive Value Provides an Alternative to Beef Cattle Feeding in Semiarid Environments of Argentina. <i>Crop Science</i> , 2012, 52, 1955-1965.	1.8	2
25	QTL analysis of main and epistatic effects for flour color traits in durum wheat. <i>Euphytica</i> , 2012, 185, 77-92.	1.2	81
26	Evaluation of different methods for assessing the reproductive mode of weeping lovegrass plants, <i>Eragrostis curvula</i> (Schrad.) Nees. <i>Australian Journal of Botany</i> , 2011, 59, 253.	0.6	30
27	Functional characterization of three cDNA libraries from the diploid wheat <i>Triticum monoccocum</i> (AmAm) with different growth habits. <i>Cereal Research Communications</i> , 2011, 39, 475-486.	1.6	0
28	Mapping of main and epistatic effect QTLs associated to grain protein and gluten strength using a RIL population of durum wheat. <i>Journal of Applied Genetics</i> , 2011, 52, 287-298.	1.9	64
29	Molecular markers to study the variability within the <i>Eragrostis curvula</i> complex. <i>Phyton</i> , 2011, 80, 211-220.	0.7	3
30	Allele-specific expression of a weeping lovegrass gene from the lignin biosynthetic pathway, caffeoyl-coenzyme A 3-O-methyltransferase. <i>Molecular Breeding</i> , 2010, 26, 627-637.	2.1	4
31	Physical mapping of durum wheat lipoxygenase genes. <i>Journal of Cereal Science</i> , 2009, 50, 67-73.	3.7	23
32	Expressed sequence tag analysis and development of gene associated markers in a near-isogenic plant system of <i>Eragrostis curvula</i> . <i>Plant Molecular Biology</i> , 2008, 67, 1-10.	3.9	51
33	Gene expression in diplosporous and sexual <i>Eragrostis curvula</i> genotypes with differing ploidy levels. <i>Plant Molecular Biology</i> , 2008, 67, 11-23.	3.9	53
34	QTL analysis of pasta quality using a composite microsatellite and SNP map of durum wheat. <i>Theoretical and Applied Genetics</i> , 2008, 117, 1361-1377.	3.6	137
35	Genome polymorphisms and gene differential expression in a "back-and-forth" ploidy-altered series of weeping lovegrass ( <i>Eragrostis curvula</i> ). <i>Journal of Plant Physiology</i> , 2007, 164, 1051-1061.	3.5	28
36	A deletion at the Lpx-B1 locus is associated with low lipoxygenase activity and improved pasta color in durum wheat ( <i>Triticum turgidum</i> ssp. durum). <i>Journal of Cereal Science</i> , 2007, 45, 67-77.	3.7	88

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37	Novel genotypes of the subtropical grass <i>Eragrostis curvula</i> for the study of apomixis (diplospory). <i>Euphytica</i> , 2006, 151, 263-272.	1.2	14
38	Construction and Evaluation of cDNA Libraries for Large-Scale Expressed Sequence Tag Sequencing in Wheat ( <i>Triticum aestivum</i> L.). <i>Genetics</i> , 2004, 168, 595-608.	2.9	57
39	The Wheat <i>VRN2</i> Gene Is a Flowering Repressor Down-Regulated by Vernalization. <i>Science</i> , 2004, 303, 1640-1644.	12.6	999
40	Precise mapping of a locus affecting grain protein content in durum wheat. <i>Theoretical and Applied Genetics</i> , 2003, 107, 1243-1251.	3.6	170
41	Frequencies of Ty1-copia and Ty3-gypsy retroelements within the Triticeae EST databases. <i>Theoretical and Applied Genetics</i> , 2002, 104, 840-844.	3.6	45
42	Cereal genes similar to <i>Snf2</i> define a new subfamily that includes human and mouse genes. <i>Molecular Genetics and Genomics</i> , 2002, 268, 488-499.	2.1	17
43	Genetic analysis of variation in micropropagated plants of <i>Melia azedarach</i> L. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2002, 38, 617-622.	2.1	15
44	Embryogenic cell suspensions from different explants and cultivars of <i>Eragrostis curvula</i> (Schrad.) Nees. <i>Biocell</i> , 2001, 25, 131-8.	0.7	3
45	Plant regeneration in weeping lovegrass, ( <i>Eragrostis curvula</i> ) through inflorescence culture. <i>Plant Cell, Tissue and Organ Culture</i> , 1996, 46, 123-130.	2.3	22