

Luis Inostroza

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

385
citations

840776

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26
all docs

26
docs citations

26
times ranked

616
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased Genomic Prediction Accuracy in Wheat Breeding Through Spatial Adjustment of Field Trial Data. <i>G3: Genes, Genomes, Genetics</i> , 2013, 3, 2105-2114.	1.8	80
2	Association mapping of plant height, yield, and yield stability in recombinant chromosome substitution lines (RCSLs) using <i>Hordeum vulgare</i> subsp. <i>spontaneum</i> as a source of donor alleles in a <i>Hordeum vulgare</i> subsp. <i>vulgare</i> background. <i>Molecular Breeding</i> , 2009, 23, 365-376.	2.1	49
3	Different combinations of morpho-physiological traits are responsible for tolerance to drought in wild tomatoes <i>Solanum chilense</i> and <i>Solanum peruvianum</i> . <i>Plant Biology</i> , 2016, 18, 406-416.	3.8	45
4	Physiological and yield responses of recombinant chromosome substitution lines of barley to terminal drought in a Mediterranean-type environment. <i>Annals of Applied Biology</i> , 2012, 160, 157-167.	2.5	28
5	Understanding the Complexity of Cold Tolerance in White Clover using Temperature Gradient Locations and a GWAS Approach. <i>Plant Genome</i> , 2018, 11, 170096.	2.8	23
6	Characterization and pre-breeding of diverse alfalfa wild relatives originating from drought-stressed environments. <i>Crop Science</i> , 2021, 61, 69-88.	1.8	21
7	Plant growth promoting rhizobacteria with ACC deaminase activity isolated from Mediterranean dryland areas in Chile: Effects on early nodulation in alfalfa. <i>Chilean Journal of Agricultural Research</i> , 2018, 78, 360-369.	1.1	17
8	Relationships between phenotypic variation in osmotic adjustment, water-use efficiency, and drought tolerance of seven cultivars of <i>Lotus corniculatus</i> L. <i>Chilean Journal of Agricultural Research</i> , 2015, 75, 3-12.	1.1	14
9	Using Aerial Images and Canopy Spectral Reflectance for High-Throughput Phenotyping of White Clover. <i>Crop Science</i> , 2016, 56, 2629-2637.	1.8	14
10	Water use efficiency and associated physiological traits of nine naturalized white clover populations in Chile. <i>Plant Breeding</i> , 2010, 129, 700-706.	1.9	13
11	Drought-tolerant naturalized populations of <i>Lotus tenuis</i> for constrained environments. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2010, 60, 174-181.	0.6	13
12	Molecular characterisation of <i>Ltchi7</i> , a gene encoding a Class III endochitinase induced by drought stress in <i>Lotus</i> spp. <i>Plant Biology</i> , 2011, 13, 69-77.	3.8	12
13	Phosphorus efficiency of naturalized Chilean white clover in a grazed field trial. <i>Grass and Forage Science</i> , 2013, 68, 125-137.	2.9	9
14	Multi-physiological-trait selection indices to identify <i>Lotus tenuis</i> genotypes with high dry matter production under drought conditions. <i>Crop and Pasture Science</i> , 2015, 66, 90.	1.5	9
15	Phenotypic Diversity and Productivity of <i>Medicago sativa</i> Subspecies from Drought-Prone Environments in Mediterranean Type Climates. <i>Plants</i> , 2021, 10, 862.	3.5	7
16	Improving Predictability of Multisensor Data with Nonlinear Statistical Methodologies. <i>Crop Science</i> , 2018, 58, 972-981.	1.8	6
17	Phosphorus absorption and use efficiency by <i>Lotus</i> spp. under water stress conditions in two soils: A pot experiment. <i>Chilean Journal of Agricultural Research</i> , 2013, 73, 31-40.	1.1	6
18	Changes in Root Architecture and Aboveground Traits of Red Clover Cultivars Driven by Breeding to Improve Persistence. <i>Agronomy</i> , 2020, 10, 1896.	3.0	5

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19	Strategies for Selecting Drought Tolerant Germplasm in Forage Legume Species. , 2012, , .		3
20	NIR-Prediction of water-soluble carbohydrate in white clover and its genetic relationship with cold tolerance. Chilean Journal of Agricultural Research, 2017, 77, 218-225.	1.1	3
21	Water Shortage Affects Vegetative and Reproductive Stages of Common Bean (<i>Phaseolus vulgaris</i>) Chilean Landraces, Differentially Impacting Grain Yield Components. Plants, 2022, 11, 749.	3.5	3
22	Drought Tolerance in Recombinant Chromosome Substitution Lines (RCSLs) Derived from the Cross <i>Hordeum vulgare</i> subsp. <i>spontaneum</i> (Caesarea 26-24) × <i>Hordeum. vulgare</i> subsp. <i>vulgare</i> cv. Harrington. Chilean Journal of Agricultural Research, 2007, 67, .	0.1	2
23	Phenotypic Variation of Cold Stress Resistanceâ€Related Traits of White Clover Populations Naturalized in Patagonian Cold Environments. Crop Science, 2018, 58, 1132-1144.	1.8	2
24	Using genome conservation between <i>Lotus japonicus</i> and agronomically important <i>Lotus</i> species for discovering drought tolerance QTLs. Euphytica, 2019, 215, 1.	1.2	1
25	Morphoâ€physiological changes induced by soil environment modulate the compatibility of perennial ryegrass and white clover cultivars. Crop Science, 2021, 61, 3775-3786.	1.8	0
26	Nitrogen, phosphorus, and potassium use efficiency for perennial ryegrass and white clover cultivar mixtures. Chilean Journal of Agricultural Research, 2021, 81, 456-466.	1.1	0