

Luis Inostroza

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

385
citations

840776

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#	ARTICLE	IF	CITATIONS
1	Water Shortage Affects Vegetative and Reproductive Stages of Common Bean (<i>Phaseolus vulgaris</i>) Chilean Landraces, Differentially Impacting Grain Yield Components. <i>Plants</i> , 2022, 11, 749.	3.5	3
2	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
3	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
4	Morpho-physiological changes induced by soil environment modulate the compatibility of perennial ryegrass and white clover cultivars. <i>Crop Science</i> , 2021, 61, 3775-3786.	1.8	0
5	Nitrogen, phosphorus, and potassium use efficiency for perennial ryegrass and white clover cultivar mixtures. <i>Chilean Journal of Agricultural Research</i> , 2021, 81, 456-466.	1.1	0
6	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
7	Using genome conservation between <i>Lotus japonicus</i> and agronomically important <i>Lotus</i> species for discovering drought tolerance QTLs. <i>Euphytica</i> , 2019, 215, 1.	1.2	1
8	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
9	Phenotypic Variation of Cold Stress Resistance-Related Traits of White Clover Populations Naturalized in Patagonian Cold Environments. <i>Crop Science</i> , 2018, 58, 1132-1144.	1.8	2
10	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
11	Improving Predictability of Multisensor Data with Nonlinear Statistical Methodologies. <i>Crop Science</i> , 2018, 58, 972-981.	1.8	6
12	NIR-Prediction of water-soluble carbohydrate in white clover and its genetic relationship with cold tolerance. <i>Chilean Journal of Agricultural Research</i> , 2017, 77, 218-225.	1.1	3
13	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
14	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
15	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
16	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
17	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
18	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

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19	Phosphorus absorption and use efficiency by Lotus spp. under water stress conditions in two soils: A pot experiment. Chilean Journal of Agricultural Research, 2013, 73, 31-40.	1.1	6
20	Strategies for Selecting Drought Tolerant Germplasm in Forage Legume Species. , 2012, , .		3
21	Physiological and yield responses of recombinant chromosome substitution lines of barley to terminal drought in a Mediterranean-type environment. Annals of Applied Biology, 2012, 160, 157-167.	2.5	28
22	Molecular characterisation of <i>Ltchi7</i> , a gene encoding a Class III endochitinase induced by drought stress in Lotus spp. Plant Biology, 2011, 13, 69-77.	3.8	12
23	Water use efficiency and associated physiological traits of nine naturalized white clover populations in Chile. Plant Breeding, 2010, 129, 700-706.	1.9	13
24	Drought-tolerant naturalized populations of Lotus tenuis for constrained environments. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2010, 60, 174-181.	0.6	13
25	Association mapping of plant height, yield, and yield stability in recombinant chromosome substitution lines (RCSLs) using Hordeum vulgare subsp. spontaneum as a source of donor alleles in a Hordeum vulgare subsp. vulgare background. Molecular Breeding, 2009, 23, 365-376.	2.1	49
26	Drought Tolerance in Recombinant Chromosome Substitution Lines (RCSLs) Derived from the Cross Hordeum vulgare subsp. spontaneum (Caesarea 26-24) × Hordeum vulgare subsp. vulgare cv. Harrington. Chilean Journal of Agricultural Research, 2007, 67, .	0.1	2