

Jorge Franco

List of Publications by Year in descending order

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46
papers

2,399
citations

218677

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#	ARTICLE	IF	CITATIONS
1	Use of Optimization Modeling to Assess the Effect of Timber and Carbon Pricing on Harvest Scheduling, Carbon Sequestration, and Net Present Value of Eucalyptus Plantations. <i>Forests</i> , 2021, 12, 651.	2.1	8
2	Strategic use of Iranian bread wheat landrace accessions for genetic improvement: Core set formulation and validation. <i>Plant Breeding</i> , 2021, 140, 87-99.	1.9	8
3	Diversity analysis of 80,000 wheat accessions reveals consequences and opportunities of selection footprints. <i>Nature Communications</i> , 2020, 11, 4572.	12.8	129
4	Stand Characterization of Eucalyptus spp. Plantations in Uruguay Using Airborne Lidar Scanner Technology. <i>Remote Sensing</i> , 2020, 12, 3947.	4.0	6
5	The impact of sample selection strategies on genetic diversity and representativeness in germplasm bank collections. <i>BMC Plant Biology</i> , 2019, 19, 520.	3.6	12
6	Re-defining the yam (<i>Dioscorea</i> spp.) core collection using morphological traits. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2018, 16, 193-200.	0.8	13
7	Genetic Structure, Core Collection, and Regeneration Quality in White Dent Corn Landraces. <i>Crop Science</i> , 2018, 58, 1644-1658.	1.8	4
8	Genetic diversity and population structure of native maize populations in Latin America and the Caribbean. <i>PLoS ONE</i> , 2017, 12, e0173488.	2.5	50
9	The Development of Quality Control Genotyping Approaches: A Case Study Using Elite Maize Lines. <i>PLoS ONE</i> , 2016, 11, e0157236.	2.5	67
10	Genetic diversity of physical, nutritional and functional properties of cowpea grain and relationships among the traits. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2016, 14, 67-76.	0.8	20
11	Effectiveness of essential oils for postharvest control of <i>Phyllosticta citricarpa</i> (citrus black spot) on citrus fruit. <i>Postharvest Biology and Technology</i> , 2016, 121, 1-8.	6.0	11
12	Genomic Prediction of Gene Bank Wheat Landraces. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 1819-1834.	1.8	159
13	Unlocking the genetic diversity of Creole wheats. <i>Scientific Reports</i> , 2016, 6, 23092.	3.3	75
14	QuEChERS Adaptability for the Analysis of Pesticide Residues in Beehive Products Seeking the Development of an Agroecosystem Sustainability Monitor. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 4484-4492.	5.2	56
15	Effect of Different Diets on the Development, Mortality, Survival, Food Uptake and Fecundity of <i>Tupiocoris cucurbitaceus</i> (Hemiptera: Miridae). <i>Florida Entomologist</i> , 2014, 97, 1816-1824.	0.5	6
16	Relationship between male moths of <i>Cryptoblabes gnidiella</i> (Millière) (Lepidoptera: Pyralidae) caught in sex pheromone traps and cumulative degree-days in vineyards in southern Uruguay. <i>SpringerPlus</i> , 2013, 2, 258.	1.2	4
17	Life history and assessment of grapevine phylloxera leaf galling incidence on <i>Vitis</i> species in Uruguay. <i>SpringerPlus</i> , 2013, 2, 181.	1.2	10
18	Assessment of Reaction Patterns of Hybrids to <i>Striga hermonthica</i> (Del.) Benth. under Artificial Infestation in Kenya and Nigeria. <i>Crop Science</i> , 2012, 52, 2528-2537.	1.8	30

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19	Establishment of a cassava (<i>Manihot esculenta</i> Crantz) core collection based on agro-morphological descriptors. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2012, 10, 119-127.	0.8	12
20	Genetic and phenotypic diversity in a germplasm working collection of cultivated tropical yams (<i>Dioscorea</i> spp.). <i>Genetic Resources and Crop Evolution</i> , 2012, 59, 1753-1765.	1.6	38
21	Parasitoid Niches of <i>Encarsia formosa</i> and <i>Encarsia Lycopersici</i> (Hymenoptera: Aphelinidae) Exploiting <i>Trialeurodes vaporariorum</i> (Hemiptera: Aleyrodidae). <i>Florida Entomologist</i> , 2012, 95, 1024-1030.	0.5	8
22	Genetic Characterization of a Core Set of a Tropical Maize Race Tuxtepec for Further Use in Maize Improvement. <i>PLoS ONE</i> , 2012, 7, e32626.	2.5	36
23	Gene flow among different teosinte taxa and into the domesticated maize gene pool. <i>Genetic Resources and Crop Evolution</i> , 2011, 58, 1243-1261.	1.6	51
24	Evaluation of cowpea germplasm lines for protein and mineral concentrations in grains. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2011, 9, 515-522.	0.8	77
25	Toward a Cost-Effective Fingerprinting Methodology to Distinguish Maize Open-Pollinated Varieties. <i>Crop Science</i> , 2010, 50, 467-477.	1.8	28
26	Hierarchical Multiple-Factor Analysis for Classifying Genotypes Based on Phenotypic and Genetic Data. <i>Crop Science</i> , 2010, 50, 105-117.	1.8	10
27	Core Hunter: an algorithm for sampling genetic resources based on multiple genetic measures. <i>BMC Bioinformatics</i> , 2009, 10, 243.	2.6	138
28	Intrafloral phenology of <i>Trifolium polymorphum</i> Poir. (Leguminosae) aerial flowers and reproductive implications. <i>Acta Botanica Brasilica</i> , 2009, 23, 881-888.	0.8	9
29	Classification of Peruvian highland maize races using plant traits. <i>Genetic Resources and Crop Evolution</i> , 2008, 55, 151-162.	1.6	62
30	Association Analysis of Historical Bread Wheat Germplasm Using Additive Genetic Covariance of Relatives and Population Structure. <i>Genetics</i> , 2007, 177, 1889-1913.	2.9	426
31	Varietal differentiation of Tannat, Cabernet-Sauvignon and Merlot grapes and wines according to their anthocyanic composition. <i>European Food Research and Technology</i> , 2007, 225, 111-117.	3.3	66
32	Sampling Strategies for Conserving Maize Diversity When Forming Core Subsets Using Genetic Markers. <i>Crop Science</i> , 2006, 46, 854-864.	1.8	80
33	A Sampling Strategy for Conserving Genetic Diversity when Forming Core Subsets. <i>Crop Science</i> , 2005, 45, 1035-1044.	1.8	92
34	Statistical methods for classifying genotypes. <i>Euphytica</i> , 2004, 137, 19-37.	1.2	75
35	Biology of <i>Bonagota cranaodes</i> (Meyrick) (Lepidoptera: Tortricidae) on seven natural foods. <i>Neotropical Entomology</i> , 2004, 33, 299-306.	1.2	11
36	A Multivariate Method for Classifying Cultivars and Studying Group \times Environment \times Trait Interaction. <i>Crop Science</i> , 2003, 43, 1249-1258.	1.8	42

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37	Effects of larval diet on the development and reproduction of <i>Argyrotaenia sphaleropa</i> (Meyrick) (Lepidoptera: Tortricidae). <i>Neotropical Entomology</i> , 2003, 32, 551-557.	1.2	17
38	Comparing a Preliminary Racial Classification with a Numerical Classification of the Maize Landraces of Uruguay. <i>Crop Science</i> , 2003, 43, 718.	1.8	19
39	The Modified Location Model for Classifying Genetic Resources. <i>Crop Science</i> , 2002, 42, 1719-1726.	1.8	36
40	The Modified Location Model for Classifying Genetic Resources. <i>Crop Science</i> , 2002, 42, 1727-1736.	1.8	8
41	Genetic Characterization of CIMMYT Inbred Maize Lines and Open Pollinated Populations Using Large Scale Fingerprinting Methods. <i>Crop Science</i> , 2002, 42, 1832-1840.	1.8	141
42	A Two-Stage, Three-Way Method for Classifying Genetic Resources in multiple Environments. <i>Crop Science</i> , 1999, 39, 259-267.	1.8	45
43	Evaluation of Caribbean Maize Accessions to Develop a Core Subset. <i>Crop Science</i> , 1998, 38, 1378-1386.	1.8	33
44	Classifying Genetic Resources by Categorical and Continuous Variables. <i>Crop Science</i> , 1998, 38, 1688-1696.	1.8	115
45	Classifying Mexican Maize Accessions Using Hierarchical and Density Search Methods. <i>Crop Science</i> , 1997, 37, 972-980.	1.8	32
46	A Sequential Clustering Strategy for Classifying Gene Bank Accessions. <i>Crop Science</i> , 1997, 37, 1656-1662.	1.8	13