

Jose L Gonzalez Hernandez

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

2,137
citations

361413

20
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254184

43
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45
docs citations

45
times ranked

2085
citing authors

#	ARTICLE	IF	CITATIONS
1	A Chromosome Bin Map of 16,000 Expressed Sequence Tag Loci and Distribution of Genes Among the Three Genomes of Polyploid Wheat. <i>Genetics</i> , 2004, 168, 701-712.	2.9	369
2	Comparative DNA Sequence Analysis of Wheat and Rice Genomes. <i>Genome Research</i> , 2003, 13, 1818-1827.	5.5	369
3	The Organization and Rate of Evolution of Wheat Genomes Are Correlated With Recombination Rates Along Chromosome Arms. <i>Genome Research</i> , 2003, 13, 753-763.	5.5	298
4	Analysis of Expressed Sequence Tag Loci on Wheat Chromosome Group 4. <i>Genetics</i> , 2004, 168, 651-663.	2.9	90
5	Group 3 Chromosome Bin Maps of Wheat and Their Relationship to Rice Chromosome 1. <i>Genetics</i> , 2004, 168, 639-650.	2.9	81
6	A 2600-Locus Chromosome Bin Map of Wheat Homoeologous Group 2 Reveals Interstitial Gene-Rich Islands and Colinearity With Rice. <i>Genetics</i> , 2004, 168, 625-637.	2.9	78
7	Genome-Wide Association Study for Spot Blotch Resistance in Hard Winter Wheat. <i>Frontiers in Plant Science</i> , 2018, 9, 926.	3.6	77
8	A Chromosome Bin Map of 2148 Expressed Sequence Tag Loci of Wheat Homoeologous Group 7. <i>Genetics</i> , 2004, 168, 687-699.	2.9	68
9	Mapping genes for grain protein concentration and grain yield on chromosome 5B of <i>Triticum turgidum</i> (L.) var. <i>dicoccoides</i> . <i>Euphytica</i> , 2004, 139, 217-225.	1.2	68
10	Identification and Molecular Mapping of a Gene Conferring Resistance to <i>Pyrenophora tritici-repentis</i> Race 3 in Tetraploid Wheat. <i>Phytopathology</i> , 2006, 96, 885-889.	2.2	54
11	A multiple species approach to biomass production from native herbaceous perennial feedstocks. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2009, 45, 267-281.	2.1	54
12	Morphology and biomass production of prairie cordgrass on marginal lands. <i>GCB Bioenergy</i> , 2009, 1, 240-250.	5.6	53
13	High-Resolution Radiation Hybrid Map of Wheat Chromosome 1D. <i>Genetics</i> , 2006, 173, 1089-1099.	2.9	52
14	Genetics and molecular mapping of resistance to necrosis inducing race 5 of <i>Pyrenophora tritici-repentis</i> in tetraploid wheat. <i>Molecular Breeding</i> , 2008, 21, 293-304.	2.1	34
15	A quantitative trait locus on chromosome 5B controls resistance of <i>Triticum turgidum</i> (L.) var. <i>dicoccoides</i> to <i>Stagonospora nodorum</i> blotch. <i>Euphytica</i> , 2009, 166, 199.	1.2	34
16	Probiotic-enriched milk and dairy products increase gut microbiota diversity: a comparative study. <i>Nutrition Research</i> , 2020, 82, 25-33.	2.9	32
17	Biochar and manure addition influenced soil microbial community structure and enzymatic activities at eroded and depositional landscape positions. <i>Land Degradation and Development</i> , 2020, 31, 894-908.	3.9	26
18	Family-based mapping of quantitative trait loci in plant breeding populations with resistance to <i>Fusarium</i> head blight in wheat as an illustration. <i>Theoretical and Applied Genetics</i> , 2009, 118, 1617-1631.	3.6	25

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19	Integration of crop and livestock enhanced soil biochemical properties and microbial community structure. <i>Geoderma</i> , 2021, 381, 114686.	5.1	25
20	Validating DNA Polymorphisms Using KASP Assay in Prairie Cordgrass (<i>Spartina pectinata</i> Link) Populations in the U.S.. <i>Frontiers in Plant Science</i> , 2015, 6, 1271.	3.6	24
21	Responses of soil microbial community structure and enzymatic activities to long-term application of mineral fertilizer and beef manure. <i>Environmental and Sustainability Indicators</i> , 2020, 8, 100073.	3.3	23
22	Mapping of two loci conferring resistance to wheat stem rust pathogen races TTKSK (Ug99) and TRTTF in the elite hard red spring wheat line SD4279. <i>Molecular Breeding</i> , 2015, 35, 1.	2.1	21
23	Analysis of transcriptional responses in root tissue of bread wheat landrace (<i>Triticum aestivum</i> L.) reveals drought avoidance mechanisms under water scarcity. <i>PLoS ONE</i> , 2019, 14, e0212671.	2.5	21
24	Native <i>Fusarium</i> head blight resistance from winter wheat cultivars "Lyman," "Overland," "Ernie," and "Freedom" mapped and pyramided onto "Wesley"- <i>Fhb1</i> backgrounds. <i>Molecular Breeding</i> , 2015, 35, 1.	2.1	18
25	Genome-wide association analysis permits characterization of <i>Stagonospora nodorum</i> blotch (SNB) resistance in hard winter wheat. <i>Scientific Reports</i> , 2021, 11, 12570.	3.3	13
26	Identification of QTL Conferring Resistance to <i>Fusarium</i> Head Blight Resistance in the Breeding Line C93-230-24. <i>Crop Science</i> , 2009, 49, 1675-1680.	1.8	12
27	Advances towards a Marker-Assisted Selection Breeding Program in Prairie Cordgrass, a Biomass Crop. <i>International Journal of Plant Genomics</i> , 2012, 2012, 1-8.	2.2	11
28	Mapping quantitative resistance loci for bacterial leaf streak disease in hard red spring wheat using an identity by descent mapping approach. <i>Euphytica</i> , 2015, 201, 53-65.	1.2	10
29	Genome-wide detection of genetic loci associated with soybean aphid resistance in soybean germplasm PI 603712. <i>Euphytica</i> , 2017, 213, 1.	1.2	10
30	Single-Cell RNA Sequencing of Plant-Associated Bacterial Communities. <i>Frontiers in Microbiology</i> , 2019, 10, 2452.	3.5	10
31	Proteomic Responses of Switchgrass and Prairie Cordgrass to Senescence. <i>Frontiers in Plant Science</i> , 2016, 7, 293.	3.6	8
32	Multiple <i>Fusarium</i> head blight resistance loci mapped and pyramided onto elite spring wheat <i>Fhb1</i> backgrounds using an IBD-based linkage approach. <i>Euphytica</i> , 2015, 204, 63-79.	1.2	7
33	Reactive Oxygen Species are not Increased in Resistant Oat Genotypes Challenged by Crown Rust Isolates. <i>Journal of Phytopathology</i> , 2015, 163, 795-806.	1.0	6
34	Phenotypic diversity among Iranian bread wheat landraces, as a screening tool for drought tolerance. <i>Acta Physiologiae Plantarum</i> , 2019, 41, 1.	2.1	6
35	Microbiome Differences between Human Head and Body Lice Ecotypes Revealed by 16S rRNA Gene Amplicon Sequencing. <i>Journal of Parasitology</i> , 2020, 106, 14.	0.7	6
36	Seed Set in Prairie Cordgrass. <i>Crop Science</i> , 2013, 53, 403-410.	1.8	5

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37	Genetics and Partitioning for Biomass of Prairie Cordgrass Compared to Switchgrass on Marginal Cropland. <i>Bioenergy Research</i> , 2017, 10, 864-875.	3.9	5
38	Above- and Belowground Prairie Cordgrass Response to Applied Nitrogen on Marginal Land. <i>Bioenergy Research</i> , 2018, 11, 440-448.	3.9	4
39	Teosinte (<i>Zea mays ssp parviglumis</i>) growth and transcriptomic response to weed stress identifies similarities and differences between varieties and with modern maize varieties. <i>PLoS ONE</i> , 2020, 15, e0237715.	2.5	4
40	Acidified drinking water attenuates motor deficits and brain pathology in a mouse model of a childhood neurodegenerative disorder. <i>Scientific Reports</i> , 2022, 12, .	3.3	4
41	Construction of dense linkage maps on the fly using early generation wheat breeding populations. <i>Molecular Breeding</i> , 2014, 34, 1281-1300.	2.1	3
42	<sc>RNA</sc>seq analysis reveals the role of secondary metabolism in the response of <sc>URS</sc> 21, a race nonspecific resistant cultivar, to crown rust. <i>Plant Pathology</i> , 2017, 66, 702-712.	2.4	1
43	Flanking SSR markers for alleles involved in the necrosis of hybrids between hexaploid bread wheat and synthetic hexaploid wheat. <i>Journal of Crop Improvement</i> , 2017, 31, 879-892.	1.7	1
44	Transcriptome Analysis of the Heritable Salt Tolerance of Prairie Cordgrass (<i>Spartina pectinata</i> Link). <i>Bioenergy Research</i> , 2018, 11, 106-114.	3.9	0