

# Juan M Osorno

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

2,194  
citations

623188

14  
h-index

395343

33  
g-index

37  
all docs

37  
docs citations

37  
times ranked

2298  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dry beans ( <i>Phaseolus vulgaris</i> L.) as a vital component of sustainable agriculture and food security”A review. , 2023, 5, .		26
2	Local to continental scale variation in fitness and heritability in common bean. <i>Crop Science</i> , 2022, 62, 767-779.	0.8	7
3	New genomic regions associated with white mold resistance in dry bean using a MAGIC population. <i>Plant Genome</i> , 2022, 15, e20190.	1.6	3
4	The Common Bean V Gene Encodes Flavonoid 3-Hydroxylase: A Major Mutational Target for Flavonoid Diversity in Angiosperms. <i>Frontiers in Plant Science</i> , 2022, 13, 869582.	1.7	7
5	A new black bean with resistance to bean rust: Registration of “ND Twilight”™. <i>Journal of Plant Registrations</i> , 2021, 15, 28-36.	0.4	4
6	Using Breeding Populations With a Dual Purpose: Cultivar Development and Gene Mapping”A Case Study Using Resistance to Common Bacterial Blight in Dry Bean ( <i>Phaseolus vulgaris</i> L.). <i>Frontiers in Plant Science</i> , 2021, 12, 621097.	1.7	7
7	Orthology and synteny analysis of receptor-like kinases “RLK” and receptor-like proteins “RLP” in legumes. <i>BMC Genomics</i> , 2021, 22, 113.	1.2	4
8	Faster cooking times and improved iron bioavailability are associated with the down regulation of procyanidin synthesis in slow-darkening pinto beans ( <i>Phaseolus vulgaris</i> L.). <i>Journal of Functional Foods</i> , 2021, 82, 104444.	1.6	12
9	Computational identification of receptor-like kinases “RLK” and receptor-like proteins “RLP” in legumes. <i>BMC Genomics</i> , 2020, 21, 459.	1.2	16
10	“ND Whitetail”™, a new white kidney bean with high seed yield and intermediate resistance to white mold and bacterial blights. <i>Journal of Plant Registrations</i> , 2020, 14, 102-109.	0.4	3
11	“ND Falcon”™, a new pinto bean with combined resistance to rust and soybean cyst nematode. <i>Journal of Plant Registrations</i> , 2020, 14, 117-125.	0.4	4
12	“ND Pegasus”™, a new great northern bean with upright plant architecture and high seed yield. <i>Journal of Plant Registrations</i> , 2020, 14, 110-116.	0.4	1
13	Genetic Associations in Four Decades of Multienvironment Trials Reveal Agronomic Trait Evolution in Common Bean. <i>Genetics</i> , 2020, 215, 267-284.	1.2	26
14	Agronomic performance and cooking quality characteristics for slow-darkening pinto beans. <i>Crop Science</i> , 2020, 60, 2317-2327.	0.8	11
15	Genotypes and Genomic Regions Associated With <i>Rhizoctonia solani</i> Resistance in Common Bean. <i>Frontiers in Plant Science</i> , 2019, 10, 956.	1.7	48
16	Genome wide association study discovers genomic regions involved in resistance to soybean cyst nematode ( <i>Heterodera glycines</i> ) in common bean. <i>PLoS ONE</i> , 2019, 14, e0212140.	1.1	14
17	A New Slow-Darkening Pinto Bean with Improved Agronomic Performance: Registration of “ND Palomino”™. <i>Journal of Plant Registrations</i> , 2018, 12, 25-30.	0.4	15
18	Genetic Analysis of Flooding Tolerance in an Andean Diversity Panel of Dry Bean ( <i>Phaseolus vulgaris</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.7	67

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19	Development of a QTL-environment-based predictive model for node addition rate in common bean. <i>Theoretical and Applied Genetics</i> , 2017, 130, 1065-1079.	1.8	7
20	Genetic Architecture of Flooding Tolerance in the Dry Bean Middle-American Diversity Panel. <i>Frontiers in Plant Science</i> , 2017, 8, 1183.	1.7	54
21	Improved Tolerance to Root Rot and Bacterial Blights in Kidney Bean: Registration of "Talon"™ Dark Red Kidney and "Rosie"™ Light Red Kidney. <i>Journal of Plant Registrations</i> , 2017, 11, 1-8.	0.4	3
22	Targeted Analysis of Dry Bean Growth Habit: Interrelationship among Architectural, Phenological, and Yield Components. <i>Crop Science</i> , 2016, 56, 3005-3015.	0.8	34
23	Genome-Wide Association Study Identifies Candidate Loci Underlying Agronomic Traits in a Middle American Diversity Panel of Common Bean. <i>Plant Genome</i> , 2016, 9, plantgenome2016.02.0012.	1.6	136
24	Optimization of genotyping by sequencing (GBS) data in common bean ( <i>Phaseolus vulgaris</i> L.). <i>Molecular Breeding</i> , 2016, 36, 1.	1.0	65
25	Comparative Transcriptome Analysis of Resistant and Susceptible Common Bean Genotypes in Response to Soybean Cyst Nematode Infection. <i>PLoS ONE</i> , 2016, 11, e0159338.	1.1	54
26	SNP Assay Development for Linkage Map Construction, Anchoring Whole-Genome Sequence, and Other Genetic and Genomic Applications in Common Bean. <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 2285-2290.	0.8	147
27	Developing market class specific InDel markers from next generation sequence data in <i>Phaseolus vulgaris</i> L. <i>Frontiers in Plant Science</i> , 2014, 5, 185.	1.7	79
28	A reference genome for common bean and genome-wide analysis of dual domestications. <i>Nature Genetics</i> , 2014, 46, 707-713.	9.4	1,159
29	A New Small Red Bean with Improved Resistance to Common Bacterial Blight: Registration of "Rio Rojo"™. <i>Journal of Plant Registrations</i> , 2013, 7, 130-134.	0.4	4
30	Seed Yield and Loss of Dry Bean Cultivars under Conventional and Direct Harvest. <i>Agronomy Journal</i> , 2011, 103, 129-136.	0.9	18
31	Row Spacing and Nitrogen Effects on Upright Pinto Bean Cultivars under Direct Harvest Conditions. <i>Agronomy Journal</i> , 2011, 103, 1314-1320.	0.9	9
32	A New Navy Bean for the Northern Plains: Registration of "Avalanche"™. <i>Journal of Plant Registrations</i> , 2011, 5, 170-176.	0.4	0
33	Registration of "ND307"™ Pinto Bean. <i>Journal of Plant Registrations</i> , 2010, 4, 109-114.	0.4	3
34	Registration of "Lariat"™ and "Stampede"™ Pinto Beans. <i>Journal of Plant Registrations</i> , 2010, 4, 5-11.	0.4	31
35	Achievements and limitations of contemporary common bean breeding using conventional and molecular approaches. <i>Euphytica</i> , 2009, 168, 145-175.	0.6	85
36	Edible Grain Legumes. <i>CSSA Special Publication - Crop Science Society of America</i> , 0, , 87-123.	0.1	31