Paul Gepts

List of Publications by Year
in descending order

220 papers	18,745 citations	10986 71 h-index	15266 126 g-index
232 all docs	232 docs citations	232 times ranked	10252 citing authors

#	Article	IF	Citations
1	A reference genome for common bean and genome-wide analysis of dual domestications. Nature Genetics, 2014, 46, 707-713.	21.4	1,159
2	Beans (Phaseolus spp.) â€“ model food legumes. Plant and Soil, 2003, 252, 55-128.	3.7	1,100
3	Current perspectives and the future of domestication studies. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6139-6146.	7.1	594
4	Races of common bean (Phaseolus vulgaris, Fabaceae). Economic Botany, 1991, 45, 379-396.	1.7	593
5	Feeding the future. Nature, 2013, 499, 23-24.	27.8	464
6	Phaseolin-protein Variability in Wild Forms and Landraces of the Common Bean(Phaseolus vulgaris): Evidence for Multiple Centers of Domestication. Economic Botany, 1986, 40, 451-468.	1.7	449
7	Genetic Control of the Domestication Syndrome in Common Bean. Crop Science, 1996, 36, 1037-1045.	1.8	400
8	Development of a genome-wide anchored microsatellite map for common bean (Phaseolus vulgaris L.). Theoretical and Applied Genetics, 2003, 107, 1362-1374.	3.6	342
9	Plant Genetic Resources Conservation and Utilization: The Accomplishments and Future of a Societal Insurance Policy. Crop Science, 2006, 46, 2278-2292.	1.8	301
10	Structure of genetic diversity in the two major gene pools of common bean (Phaseolus vulgaris L.,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.6	280
11	Towards an integrated linkage map of common bean. 4. Development of a core linkage map and alignment of RFLP maps. Theoretical and Applied Genetics, 1998, 97, 847-856.	3.6	275
12	GENETICALLY ENGINEERED ORGANISMS AND THE ENVIRONMENT: CURRENT STATUS AND RECOMMENDATIONS1. , 2005, 15, 377-404.		260
13	Tagging and mapping of genes and QTL and molecular marker-assisted selection for traits of economic importance in bean and cowpea. Field Crops Research, 2003, 82, 135-154.	5.1	250
14	Application of genomics-assisted breeding for generation of climate resilient crops: progress and prospects. Frontiers in Plant Science, 2015, 6, 563.	3.6	243
15	A Method of Controlling Corn Rootworm Feeding Using a Bacillus thuringiensis Protein Expressed in Transgenic Maize. Crop Science, 2005, 45, 931-938.	1.8	233
16	Genetic Diversity in Cultivated Common Bean: II. Markerâ€Based Analysis of Morphological and Agronomic Traits. Crop Science, 1991, 31, 23-29.	1.8	225
17	Allozyme diversity in wild Phaseolus vulgaris: further evidence for two major centers of genetic diversity. Theoretical and Applied Genetics, 1989, 78, 809-817.	3.6	224
18	Global agricultural intensification during climate change: a role for genomics. Plant Biotechnology Journal, 2016, 14, 1095-1098.	8.3	221

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19	Integration of simple sequence repeat (SSR) markers into a molecular linkage map of common bean (Phaseolus vulgaris L.). , 2000, 91, 429-434.		219
20	Genetic Diversity in Cultivated Common Bean: I. Allozymes. Crop Science, 1991, 31, 19-23.	1.8	210
21	Asymmetry of gene flow and differential geographical structure of molecular diversity in wild and domesticated common bean (Phaseolus vulgaris L.) from Mesoamerica. Theoretical and Applied Genetics, 2003, 106, 239-250.	3.6	209
22	Multiple lines of evidence for the origin of domesticated chili pepper, <i>Capsicum annuum</i> , in Mexico. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6165-6170.	7.1	203
23	Towards an integrated linkage map of common bean 2. Development of an RFLP-based linkage map. Theoretical and Applied Genetics, 1993, 85, 513-520.	3.6	189
24	Identification of presumed ancestral DNA sequences of phaseolin in Phaseolus vulgaris.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 1101-1104.	7.1	189
25	F1 hybrid weakness in the common bean. Journal of Heredity, 1985, 76, 447-450.	2.4	185
26	Identification of an Ancestral Resistance Gene Cluster Involved in the Coevolution Process Between <i>Phaseolus vulgaris</i> and Its Fungal Pathogen <i>Colletotrichum lindemuthianum</i>. Molecular Plant-Microbe Interactions, 1999, 12, 774-784.	2.6	176
27	Long-distance pollen flow assessment through evaluation of pollinator foraging range suggests transgene escape distances. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 13456-13461.	7.1	174
28	A Comparison between Crop Domestication, Classical Plant Breeding, and Genetic Engineering. Crop Science, 2002, 42, 1780-1790.	1.8	171
29	Inheritance of Partial Resistance Against Colletotrichum lindemuthianum in Phaseolus vulgaris and Co-localization of Quantitative Trait Loci with Genes Involved in Specific Resistance. Molecular Plant-Microbe Interactions, 2000, 13, 287-296.	2.6	164
30	Phaseolin variability among wild and cultivated common beans (Phaseolus vulgaris) from Colombia. Economic Botany, 1986, 40, 469-478.	1.7	163
31	Origin and Evolution of Common Bean: Past Events and Recent Trends. Hortscience: A Publication of the American Society for Hortcultural Science, 1998, 33, 1124-1130.	1.0	160
32	RFLP diversity of common bean (Phaseolus vulgaris) in its centres of origin. Genome, 1994, 37, 256-263.	2.0	159
33	Toward an integrated linkage map of common bean. III. Mapping genetic factors controlling host-bacteria interactions.. Genetics, 1993, 134, 341-350.	2.9	156
34	AFLP analysis of the phenetic organization and genetic diversity of Vigna unguiculata L. Walp. reveals extensive gene flow between wild and domesticated types. Theoretical and Applied Genetics, 2002, 104, 358-366.	3.6	155
35	Dissemination pathways of common bean (Phaseolus vulgaris, Fabaceae) deduced from phaseolin electrophoretic variability. II. Europe and Africa. Economic Botany, 1988, 42, 86-104.	1.7	149
36	Diversidad genetica y distribuciÃ³n ecolÃ³gica dePhaseolus vulgaris (Fabaceae) en el noroeste de Suramerica. Economic Botany, 1993, 47, 408-423.	1.7	144

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37	Genomic history of the origin and domestication of common bean unveils its closest sister species. Genome Biology, 2017, 18, 60.	8.8	142
38	A genetic linkage map of cowpea (Vigna unguiculata) developed from a cross between two inbred, domesticated lines. Theoretical and Applied Genetics, 1997, 95, 1210-1217.	3.6	139
39	The common bean growth habit gene PvTFL1y is a functional homolog of Arabidopsis TFL1. Theoretical and Applied Genetics, 2012, 124, 1539-1547.	3.6	134
40	Microsatellite diversity and genetic structure among common bean (Phaseolus vulgaris L.) landraces in Brazil, a secondary center of diversity. Theoretical and Applied Genetics, 2010, 121, 801-813.	3.6	131
41	QTL Conditioning Physiological Resistance and Avoidance to White Mold in Dry Bean. Crop Science, 2001, 41, 309-315.	1.8	129
42	Possible effects of (trans)gene flow from crops on the genetic diversity from landraces and wild relatives. Environmental Biosafety Research, 2003, 2, 89-103.	1.1	129
43	Molecular and Phenotypic Mapping of Genes Controlling Seed Coat Pattern and Color in Common Bean (Phaseolus vulgaris L.). , 2002, 93, 148-152.		121
44	Bean arcelin. Theoretical and Applied Genetics, 1986, 71, 847-855.	3.6	120
45	An improved genetic linkage map for cowpea (Vigna unguiculataL.) Combining AFLP, RFLP, RAPD, biochemical markers, and biological resistance traits. Genome, 2002, 45, 175-188.	2.0	119
46	The Use of Molecular and Biochemical Markers in Crop Evolution Studies. , 1993, , 51-94.		116
47	Prebreeding in Common Bean and Use of Genetic Diversity from Wild Germplasm. Crop Science, 2007, 47, S-44.	1.8	115
48	Genomics of Phaseolus Beans, a Major Source of Dietary Protein and Micronutrients in the Tropics. , 2008, , 113-143.		114
49	Transgenes in Mexican maize: molecular evidence and methodological considerations for GMO detection in landrace populations. Molecular Ecology, 2009, 18, 750-761.	3.9	113
50	Evolution of genetic diversity during the domestication of common-bean (Phaseolus vulgaris L.). Theoretical and Applied Genetics, 1994, 89, 629-635.	3.6	109
51	Dissemination pathways of common bean (Phaseolus vulgaris, Fabaceae) deduced from phaseolin electrophoretic variability. I. The Americas. Economic Botany, 1988, 42, 73-85.	1.7	108
52	The Putative Mesoamerican Domestication Center of <i>Phaseolus vulgaris</i> Is Located in the Lermaâ€"Santiago Basin of Mexico. Crop Science, 2009, 49, 554-563.	1.8	108
53	Cytogenetic map of common bean (Phaseolus vulgaris L.). Chromosome Research, 2010, 18, 487-502.	2.2	108
54	Characterization of Variability in the FungusPhaeoisariopsis griseolaSuggests Coevolution with the Common Bean (Phaseolus vulgaris). Phytopathology, 1995, 85, 600.	2.2	108

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55	Novel Phaseolin types in wild and cultivated common bean (Phaseolus vulgaris, Fabaceae). Economic Botany, 1990, 44, 50-60.	1.7	106
56	A family of LRR sequences in the vicinity of the Co-2 locus for anthracnose resistance in Phaseolus vulgaris and its potential use in marker-assisted selection. Theoretical and Applied Genetics, 1998, 96, 494-502.	3.6	103
57	Genetic diversity in cowpea [Vigna unguiculata (L.) Walp.] as revealed by RAPD markers. Genetic Resources and Crop Evolution, 2004, 51, 539-550.	1.6	102
58	A genome-wide analysis of differentiation between wild and domesticated Phaseolus vulgaris from Mesoamerica. Theoretical and Applied Genetics, 2005, 111, 1147-1158.	3.6	102
59	Multiple origins of the determinate growth habit in domesticated common bean (Phaseolus vulgaris). Annals of Botany, 2012, 110, 1573-1580.	2.9	100
60	Linkage mapping of the Phg-1 and Co-1 4 genes for resistance to angular leaf spot and anthracnose in the common bean cultivar AND 277. Theoretical and Applied Genetics, 2011, 122, 893-903.	3.6	99
61	Towards an integrated linkage map of common bean. Theoretical and Applied Genetics, 1992, 84, 186-192.	3.6	98
62	Mapping Homologous Sequences for Determinacy and Photoperiod Sensitivity in Common Bean (Phaseolus vulgaris). Journal of Heredity, 2008, 99, 283-291.	2.4	98
63	Hybrid Weakness in Wild Phaseolus Vulgaris L.. Journal of Heredity, 1992, 83, 135-139.	2.4	97
64	Biochemical evidence bearing on the domestication ofPhaseolus (Fabaceae) beans. Economic Botany, 1990, 44, 28-38.	1.7	95
65	The contribution of genetic and genomic approaches to plant domestication studies. Current Opinion in Plant Biology, 2014, 18, 51-59.	7.1	93
66	Phaseolin as an Evolutionary Marker. Current Plant Science and Biotechnology in Agriculture, 1988, , 215-241.	0.0	88
67	Ecogeographic distribution ofPhaseolus spp. (Fabaceae) in Bolivia. Economic Botany, 1996, 50, 195-215.	1.7	87
68	Genome-wide identification of SNPs and copy number variation in common bean (Phaseolus vulgaris L.) using genotyping-by-sequencing (GBS). Molecular Breeding, 2016, 36, 1.	2.1	87
69	Landscape genetics, adaptive diversity and population structure in <i>Phaseolus vulgaris</i>. New Phytologist, 2016, 209, 1781-1794.	7.3	86
70	Tagging the Signatures of Domestication in Common Bean (Phaseolus vulgaris) by Means of Pooled DNA Samples. Annals of Botany, 2007, 100, 1039-1051.	2.9	84
71	Population Structure and Evolutionary Dynamics of Wild-Weedy-Domesticated Complexes of Common Bean in a Mesoamerican Region. Crop Science, 2005, 45, 1073-1083.	1.8	81
72	Genome-wide identification and characterization of aquaporin gene family in common bean (Phaseolus) Tj ETQq0 0 0 rgBT /Overlock 10	2.1	80

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73	Evidence for two gene pools of the Lima bean,Phaseolus lunatus L., in the Americas. Genetic Resources and Crop Evolution, 1995, 42, 15-28.	1.6	78
74	The Future of Plant Breeding. Crop Science, 2006, 46, 1630-1634.	1.8	76
75	Spatial and Temporal Scales of Range Expansion in Wild Phaseolus vulgaris. Molecular Biology and Evolution, 2018, 35, 119-131.	8.9	76
76	Crop Biodiversity: An Unfinished Magnum Opus of Nature. Annual Review of Plant Biology, 2019, 70, 727-751.	18.7	74
77	Development of four phylogenetically-arrayed BAC libraries and sequence of the APA locus in Phaseolus vulgaris. Theoretical and Applied Genetics, 2006, 112, 987-998.	3.6	73
78	Molecular Tagging of the bcâ€3 Gene for Introgression into Andean Common Bean. Crop Science, 1997, 37, 248-254.	1.8	72
79	Who Owns Biodiversity, and How Should the Owners Be Compensated?. Plant Physiology, 2004, 134, 1295-1307.	4.8	72
80	Extension of the core map of common bean with EST-SSR, RGA, AFLP, and putative functional markers. Molecular Breeding, 2010, 25, 25-45.	2.1	72
81	Evolution of plant materials for ecological restoration: insights from the applied and basic literature. Journal of Applied Ecology, 2017, 54, 102-115.	4.0	72
82	A Middle American and an Andean Common Bean Gene Pool. Current Plant Science and Biotechnology in Agriculture, 1988, , 375-390.	0.0	71
83	Genetic Diversity and Pathogenic Variation of Common Blight Bacteria (Xanthomonas campestris pv.) Tj ETQq1 1 0.784314 rgBT /Overl Common Bean. Phytopathology, 2004, 94, 593-603.	2.2	68
84	Title is missing!. Euphytica, 2002, 125, 69-79.	1.2	65
85	Resequencing of Common Bean Identifies Regions of Interâ€"Gene Pool Introgression and Provides Comprehensive Resources for Molecular Breeding. Plant Genome, 2018, 11, 170068.	2.8	65
86	Co-segregation analysis and mapping of the anthracnose Co-10 and angular leaf spot Phg-ON disease-resistance genes in the common bean cultivar Ouro Negro. Theoretical and Applied Genetics, 2013, 126, 2245-2255.	3.6	64
87	Leveraging Genomic Resources of Model Species for the Assessment of Diversity and Phylogeny in Wild and Domesticated Lentil. Journal of Heredity, 2011, 102, 315-329.	2.4	63
88	Genetic mapping of a new set of microsatellite markers in a reference common bean (Phaseolus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	0.2	63
89	Genetics of Heat Tolerance during Reproductive Development in Common Bean. Crop Science, 1994, 34, 1168-1175.	1.8	62
90	Dispersal of Transgenes through Maize Seed Systems in Mexico. PLoS ONE, 2009, 4, e5734.	2.5	62

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91	Cytogenetic mapping of common bean chromosomes reveals a less compartmentalized small-genome plant species. Chromosome Research, 2009, 17, 405-417.	2.2	60
92	Pod indehiscence is a domestication and aridity resilience trait in common bean. New Phytologist, 2020, 225, 558-570.	7.3	57
93	Biodiversity in Agriculture. , 2012, , .		57
94	Segregation and Linkage of Genes for Seed Proteins, Isozymes, and Morphological Traits in Common Bean (Phaseolus vulgaris). Journal of Heredity, 1989, 80, 455-456.	2.4	55
95	Effect of drought stress on the genetic architecture of photosynthate allocation and remobilization in pods of common bean (Phaseolus vulgaris L.), a key species for food security. BMC Plant Biology, 2019, 19, 171.	3.6	55
96	BAC end sequences corresponding to the B4 resistance gene cluster in common bean: a resource for markers and synteny analyses. Molecular Genetics and Genomics, 2008, 280, 521-33.	2.1	53
97	The Genetic Anatomy of a Patented Yellow Bean. Crop Science, 2004, 44, 968-977.	1.8	51
98	Genetic Diversity in Pearl Millet (Pennisetum glaucum [L.] R. Br.) at the DNA Sequence Level. Journal of Heredity, 1989, 80, 203-208.	2.4	50
99	Root and shoot variation in relation to potential intermittent drought adaptation of Mesoamerican wild common bean (Phaseolus vulgaris L.). Annals of Botany, 2019, 124, 917-932.	2.9	49
100	Assessment of Inter Simple Sequence Repeat Markers to Differentiate Sympatric Wild and Domesticated Populations of Common Bean. Crop Science, 2005, 45, 606-615.	1.8	48
101	Enhanced available methionine concentration associated with higher phaseolin levels in common bean seeds. Theoretical and Applied Genetics, 1984, 69, 47-53.	3.6	47
102	The Wild Relative of Phaseolus Vulgaris in Middle America. Current Plant Science and Biotechnology in Agriculture, 1988, , 163-184.	0.0	47
103	Population structure, genetic diversity and genomic selection signatures among a Brazilian common bean germplasm. Scientific Reports, 2021, 11, 2964.	3.3	46
104	Detecting (trans)gene flow to landraces in centers of crop origin: lessons from the case of maize in Mexico. Environmental Biosafety Research, 2005, 4, 197-208.	1.1	44
105	Nucleotide diversity of a genomic sequence similar to SHATTERPROOF (PvSHP1) in domesticated and wild common bean (Phaseolus vulgaris L.). Theoretical and Applied Genetics, 2011, 123, 1341-1357.	3.6	44
106	Ecological Approaches to Crop Domestication. , 2012, , 377-406.		44
107	Isozyme Diversity in Bambara Groundnut. Crop Science, 1999, 39, 1228-1236.	1.8	42
108	Chloroplast DNA as an evolutionary marker in thePhaseolus vulgaris complex. Theoretical and Applied Genetics, 1994, 88, 646-652.	3.6	40

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109	Pod shattering in grain legumes: emerging genetic and environment-related patterns. Plant Cell, 2021, 33, 179-199.	6.6	40
110	Phaseolin Diversity in the Tepary Bean, Phaseolus acutifolius A. Gray. Plant Breeding, 1988, 101, 292-301.	1.9	39
111	Identification and Characterization of a Homologue to the Arabidopsis INDEHISCENT Gene in Common Bean. Journal of Heredity, 2013, 104, 273-286.	2.4	39
112	Evolution of SSR diversity from wild types to U.S. advanced cultivars in the Andean and Mesoamerican domestications of common bean (Phaseolus vulgaris). PLoS ONE, 2019, 14, e0211342.	2.5	39
113	Comprehensive genomic resources related to domestication and crop improvement traits in Lima bean. Nature Communications, 2021, 12, 702.	12.8	39
114	Gene Flow and Genetic Structure in the Wildâ€"Weedyâ€"Domesticated Complex of Phaseolus lunatus L. in its Mesoamerican Center of Domestication and Diversity. Crop Science, 2007, 47, 58-66.	1.8	38
115	Extensive introgression of Middle American germplasm into Chilean common bean cultivars. Genetic Resources and Crop Evolution, 1995, 42, 29-41.	1.6	37
116	Genetics of resistance to the geminivirus, Bean dwarf mosaic virus, and the role of the hypersensitive response in common bean. Theoretical and Applied Genetics, 2004, 108, 786-793.	3.6	36
117	Spatial Distribution of Genetic Diversity in Wild Populations of Phaseolus vulgarisL. from Guanajuato and MichoacÃ¡n, MÃ©xico. Genetic Resources and Crop Evolution, 2005, 52, 589-599.	1.6	36
118	Potential of wild common bean for seed yield improvement of cultivars in the tropics. Canadian Journal of Plant Science, 1995, 75, 807-813.	0.9	35
119	QTL mapping for nodule number and common bacterial blight in Phaseolus vulgaris L.. Plant and Soil, 1998, 204, 135-145.	3.7	34
120	Phaseolin nucleotide sequence diversity in Phaseolus. I. Intraspecific diversity in Phaseolus vulgaris. Genome, 1994, 37, 751-757.	2.0	33
121	Allozyme Variability in the Tepary Bean, Phaseolus acutifolius A. Gray. Plant Breeding, 1989, 102, 182-195.	1.9	32
122	Structure and Genetic Diversity of Wild Populations of Lima Bean (Phaseolus lunatus L.) from the Yucatan Peninsula, Mexico. Crop Science, 2006, 46, 1071-1080.	1.8	31
123	Genetic Composition and Spatial Distribution of Farmerâ€managed <i>Phaseolus</i> Bean Plantings: An Example from a Village in Oaxaca, Mexico. Crop Science, 2012, 52, 1721-1735.	1.8	31
124	Genetic structure and mating system of wild cowpea populations in West Africa. BMC Plant Biology, 2012, 12, 113.	3.6	30
125	Title is missing!. , 1999, 106, 45-56.		28
126	Phaseolus vulgaris: A Diploid Model for Soybean. , 2008, , 55-76.		28

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127	Development of an Integrated Linkage Map. Developments in Plant Breeding, 1999, , 53-91.	0.2	27
128	Protein Structures of Common Bean (Phaseolus vulgaris) Î±-Amylase Inhibitors. Journal of Agricultural and Food Chemistry, 2002, 50, 6618-6627.	5.2	26
129	Is the USDA core collection of common bean representative of genetic diversity of the species, as assessed by SNP diversity?. Crop Science, 2020, 60, 1398-1414.	1.8	24
130	Spatially structured genetic diversity of the Amerindian yam (Dioscorea trifida L.) assessed by SSR and ISSR markers in Southern Brazil. Genetic Resources and Crop Evolution, 2013, 60, 2405-2420.	1.6	23
131	Genetic Characterization and Molecular Mapping <i>Pseâ€2</i> Gene for Resistance to Halo Blight in Common Bean. Crop Science, 2011, 51, 2439-2448.	1.8	22
132	A new collection of wild populations of Capsicum in Mexico and the southern United States. Genetic Resources and Crop Evolution, 2013, 60, 225-232.	1.6	22
133	Domestication of Plants. , 2014, , 474-486.		21
134	Detection and Differentiation of Phaeoisariopsis griseola Isolates with the Polymerase Chain Reaction and Group-Specific Primers. Plant Disease, 1999, 83, 37-42.	1.4	20
135	Describing Maize (Zea mays L.) Landrace Persistence in the BajÃo of Mexico: A Survey of 1940s and 1950s Collection Locations. Economic Botany, 2007, 61, 60-72.	1.7	20
136	Harvesting Data from Genetically Engineered Crops. Science, 2008, 320, 452-453.	12.6	20
137	Pathogenic and molecular characterization of Pythium species inducing root rot symptoms of common bean in Rwanda. African Journal of Microbiology Research, 2011, 5, 1169-1181.	0.4	20
138	Genetic diversity and population structure of common bean (Phaseolus vulgaris L) germplasm of Ethiopia as revealed by microsatellite markers. African Journal of Biotechnology, 2016, 15, 2824-2847.	0.6	20
139	Genome-Wide Association Study and Genomic Prediction for Soybean Cyst Nematode Resistance in USDA Common Bean (Phaseolus vulgaris) Core Collection. Frontiers in Plant Science, 2021, 12, 624156.	3.6	20
140	Development of PCR-based chloroplast DNA markers that characterize domesticated cowpea (Vigna) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Systematics and Evolution, 2006, 262, 75-87.	0.9	19
141	Distribution and Variability of Pseudocercospora griseola in Uganda. Journal of Agricultural Science, 2014, 6, .	0.2	19
142	Unraveling agronomic and genetic aspects of runner bean (Phaseolus coccineus L.). Field Crops Research, 2017, 206, 86-94.	5.1	19
143	Low stomatal sensitivity to vapor pressure deficit in irrigated common, lima and tepary beans. Field Crops Research, 2017, 206, 128-137.	5.1	18
144	Genetic diversity and re-classification of coffee (Coffea canephora Pierre ex A. Froehner) from South Western Nigeria through genotyping-by-sequencing-single nucleotide polymorphism analysis. Genetic Resources and Crop Evolution, 2019, 66, 685-696.	1.6	18

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145	Vignin diversity in wild and cultivated taxa ofVigna unguiculata (L.) walp. (fabaceae). Economic Botany, 1993, 47, 371-386.	1.7	17
146	Segregation and Recombination in Inter-Gene Pool Crosses of Phaseolus Vulgaris L.. Journal of Heredity, 1995, 86, 98-106.	2.4	17
147	<i>DREB</i>Genes from Common Bean (<i>Phaseolus vulgaris</i>L.) Show Broad to Specific Abiotic Stress Responses and Distinct Levels of Nucleotide Diversity. International Journal of Genomics, 2019, 2019, 1-28.	1.6	17
148	The Genetic Anatomy of a Patented Yellow Bean. Crop Science, 2004, 44, 968.	1.8	17
149	Influence of cryptic population structure on observed mating patterns in the wild progenitor of maize (Zea mays ssp. parviglumis). Molecular Ecology, 2011, 20, 46-55.	3.9	16
150	Farmersâ€™ Varietal Identification in a Reference Sample of Local Phaseolus Species in the Sierra JuÃ¡rez, Oaxaca, Mexico. Economic Botany, 2013, 67, 283-298.	1.7	16
151	Toward the introgression of PvPdh1 for increased resistance to pod shattering in common bean. Theoretical and Applied Genetics, 2021, 134, 313-325.	3.6	16
152	Genome-wide association study for grain mineral content in a Brazilian common bean diversity panel. Theoretical and Applied Genetics, 2021, 134, 2795-2811.	3.6	15
153	Resolution of the Mexican transgene detection controversy: error sources and scientific practice in commercial and ecological contexts. Molecular Ecology, 2009, 18, 4145-4150.	3.9	14
154	Alternative markers linked to the Phg-2 angular leaf spot resistance locus in common bean using the Phaseolus genes marker database. African Journal of Biotechnology, 2018, 17, 818-828.	0.6	14
155	Highly structured genetic diversity of Bixa orellana var. urucurana, the wild ancestor of annatto, in Brazilian Amazonia. PLoS ONE, 2018, 13, e0198593.	2.5	14
156	Exploration of the Yield Potential of Mesoamerican Wild Common Beans From Contrasting Eco-Geographic Regions by Nested Recombinant Inbred Populations. Frontiers in Plant Science, 2020, 11, 346.	3.6	14
157	Identification of raceâ€specific quantitative trait loci for resistance to <i>Colletotrichum lindemuthianum</i> in an Andean population of common bean. Crop Science, 2020, 60, 2843-2856.	1.8	13
158	Identification of QTL for perenniality and floral scent in cowpea (Vigna unguiculataÂ[L.] Walp.). PLoS ONE, 2020, 15, e0229167.	2.5	13
159	Genomics and Genetic Diversity in Common Bean. , 2004, , .		13
160	Integrating Phenotypic Evaluations with a Molecular Diversity Assessment of a Brazilian Collection of Common Bean Landraces. Crop Science, 2011, 51, 2668-2680.	1.8	12
161	Determining the Genetic Control of Common Bean Early-Growth Rate Using Unmanned Aerial Vehicles. Remote Sensing, 2020, 12, 1748.	4.0	12
162	Genetic, anatomical, and environmental patterns related to pod shattering resistance in domesticated cowpea [<i>Vigna unguiculata</i>(L.) Walp]. Journal of Experimental Botany, 2021, 72, 6219-6229.	4.8	12

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163	Tropical Environments, Biodiversity, and the Origin of Crops. , 2008, , 1-20.		12
164	Gene Pyramiding Improved Resistance to Angular Leaf Spot in Common Bean. American Journal of Experimental Agriculture, 2015, 9, 1-12.	0.2	12
165	Different Seed Selection and Conservation Practices for Fresh Market and Dried Chile Farmers in Aguascalientes, Mexico. Economic Botany, 2010, 64, 318-328.	1.7	11
166	Nodulation ability in different genotypes of Phaseolus lunatus by rhizobia from California agricultural soils. Symbiosis, 2017, 73, 7-14.	2.3	11
167	Analysis of Seed Proteins, Isozymes, and RFLPs for Genetic and Evolutionary Studies in Phaseolus. Modern Methods of Plant Analysis, 1992, , 63-93.	0.1	11
168	Asymmetric gene flow and introgression between domesticated and wild populations.. , 2004, , 125-138.		11
169	Detection of minisatellite sequences inPhaseolus vulgaris. Plant Molecular Biology Reporter, 1992, 10, 47-59.	1.8	10
170	Pulsed-field gel electrophoresis analysis of the phaseolin locus region in<i>Phaseolus vulgaris</i>. Genome, 1996, 39, 722-729.	2.0	10
171	A new species of Phaseolus (Leguminosae, Papilionoideae) sister to Phaseolus vulgaris, the common bean. Phytotaxa, 2017, 313, 259.	0.3	10
172	Genetic Patterns of Common-Bean Seed Acquisition and Early-Stage Adoption Among Farmer Groups in Western Uganda. Frontiers in Plant Science, 2018, 9, 586.	3.6	10
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