

James D Kelly

List of Publications by Year in descending order

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87
papers

6,216
citations

81900

39
h-index

74163

75
g-index

91
all docs

91
docs citations

91
times ranked

3599
citing authors

#	ARTICLE	IF	CITATIONS
1	A reference genome for common bean and genome-wide analysis of dual domestications. <i>Nature Genetics</i> , 2014, 46, 707-713.	21.4	1,159
2	Common bean breeding for resistance against biotic and abiotic stresses: From classical to MAS breeding. <i>Euphytica</i> , 2006, 147, 105-131.	1.2	448
3	Traits related to drought resistance in common bean. <i>Euphytica</i> , 1998, 99, 127-136.	1.2	303
4	Improving Common Bean Performance under Drought Stress. <i>Crop Science</i> , 1997, 37, 43-50.	1.8	221
5	Marker-Assisted Selection to Improve Drought Resistance in Common Bean. <i>Crop Science</i> , 1997, 37, 51-60.	1.8	187
6	Biomass distribution, maturity acceleration and yield in drought-stressed common bean cultivars. <i>Field Crops Research</i> , 2004, 85, 203-211.	5.1	182
7	A Comprehensive Review of the Major Genes Conditioning Resistance to Anthracnose in Common Bean. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2004, 39, 1196-1207.	1.0	144
8	Genome-Wide Association Study of Anthracnose Resistance in Andean Beans (<i>Phaseolus vulgaris</i>). <i>PLoS ONE</i> , 2016, 11, e0156391.	2.5	138
9	Quantitative Trait Loci Associated with Drought Tolerance in Common Bean. <i>Crop Science</i> , 2014, 54, 923-938.	1.8	129
10	Prebreeding in Common Bean and Use of Genetic Diversity from Wild Germplasm. <i>Crop Science</i> , 2007, 47, S-44.	1.8	115
11	Breeding for yield in dry bean (<i>Phaseolus vulgaris</i> L.). <i>Euphytica</i> , 1998, 102, 343-356.	1.2	110
12	Genome-Wide Association Study of Agronomic Traits in Common Bean. <i>Plant Genome</i> , 2015, 8, eplantgenome2014.09.0059.	2.8	100
13	Optimizing glenosphere position and fixation in reverse shoulder arthroplasty, Part One: The twelve-mm rule. <i>Journal of Shoulder and Elbow Surgery</i> , 2008, 17, 589-594.	2.6	95
14	RAPD Markers Linked to Three Major Anthracnose Resistance Genes in Common Bean. <i>Crop Science</i> , 1997, 37, 940-946.	1.8	93
15	Genome-wide association analysis of symbiotic nitrogen fixation in common bean. <i>Theoretical and Applied Genetics</i> , 2015, 128, 1999-2017.	3.6	91
16	Remaking bean plant architecture for efficient production. <i>Advances in Agronomy</i> , 2001, 71, 109-143.	5.2	89
17	The role of RAPD markers in breeding for disease resistance in common bean. <i>Molecular Breeding</i> , 1998, 4, 1-11.	2.1	87
18	Characterization of white mold disease avoidance in common bean. <i>European Journal of Plant Pathology</i> , 2013, 135, 525-543.	1.7	84

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19	Breeding beans for resistance to terminal drought in the Lowland tropics. <i>Euphytica</i> , 2004, 136, 223-232.	1.2	83
20	QTL Analysis of Resistance to Fusarium Root Rot in Bean. <i>Crop Science</i> , 2001, 41, 535-542.	1.8	82
21	Marker-assisted selection for white mold resistance in common bean. <i>Molecular Breeding</i> , 2008, 21, 149-157.	2.1	81
22	Selection for Monogenic Pest Resistance Traits with Coupling and Repulsion Phase RAPD Markers. <i>Crop Science</i> , 1994, 34, 1061-1066.	1.8	78
23	Title is missing!. <i>Euphytica</i> , 2000, 116, 143-149.	1.2	74
24	Genome-wide Association Analysis for Drought Tolerance and Associated Traits in Common Bean. <i>Plant Genome</i> , 2017, 10, plantgenome2015.12.0122.	2.8	74
25	Title is missing!. <i>Euphytica</i> , 2000, 116, 211-219.	1.2	72
26	Agronomic Traits Affecting Resistance to White Mold in Common Bean. <i>Crop Science</i> , 2002, 42, 693-699.	1.8	70
27	Identification of QTL Associated with White Mold Resistance in Common Bean. <i>Crop Science</i> , 2005, 45, 2482-2490.	1.8	70
28	New Races of <i>Colletotrichum lindemuthianum</i> in Michigan and Implications in Dry Bean Resistance Breeding. <i>Plant Disease</i> , 1994, 78, 892.	1.4	68
29	An indirect test using oxalate to determine physiological resistance to white mold in common bean. <i>Crop Science</i> , 2000, 40, 281-285.	1.8	67
30	Inheritance of anthracnose resistance in the common bean cultivar Widusa. <i>Euphytica</i> , 2006, 151, 411-419.	1.2	64
31	Random Amplified Polymorphic DNA (RAPD) Marker Variability between and within Gene Pools of Common Bean. <i>Journal of the American Society for Horticultural Science</i> , 1994, 119, 122-125.	1.0	61
32	Identification of Quantitative Trait Loci Conditioning Resistance to Fusarium Root Rot in Common Bean. <i>Crop Science</i> , 2005, 45, 1881-1890.	1.8	60
33	Use of Random Amplified Polymorphic DNA Markers in Breeding for Major Gene Resistance to Plant Pathogens. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1995, 30, 461-465.	1.0	57
34	Andean beans (<i>Phaseolus vulgaris</i> L.) with resistance to the angular leaf spot pathogen (<i>Phaeoisariopsis griseola</i>) in southern and eastern Africa. <i>Euphytica</i> , 2004, 136, 201-210.	1.2	51
35	QTL Analysis of Root Architecture Traits and Low Phosphorus Tolerance in an Andean Bean Population. <i>Crop Science</i> , 2009, 49, 59-68.	1.8	51
36	Transcriptome Profiling of the <i>Phaseolus vulgaris</i> - <i>Colletotrichum lindemuthianum</i> Pathosystem. <i>PLoS ONE</i> , 2016, 11, e0165823.	2.5	51

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37	QTL analysis of canning quality and color retention in black beans (<i>Phaseolus vulgaris</i> L.). <i>Molecular Breeding</i> , 2014, 33, 139-154.	2.1	49
38	RAPD Markers Flanking the Are Gene for Anthracnose Resistance in Common Bean. <i>Journal of the American Society for Horticultural Science</i> , 1996, 121, 37-41.	1.0	46
39	Genetic Analysis and Interrelationships between Traits for Cooking Time, Water Absorption, and Protein and Tannin Content of Andean Dry Beans. <i>Journal of the American Society for Horticultural Science</i> , 1997, 122, 512-518.	1.0	43
40	Identification of QTL for agronomic traits and resistance to white mold in wild and landrace germplasm of common bean. <i>Plant Breeding</i> , 2011, 130, 665-672.	1.9	42
41	Identification of quantitative trait loci for symbiotic nitrogen fixation in common bean. <i>Theoretical and Applied Genetics</i> , 2019, 132, 1375-1387.	3.6	39
42	Use of Marker-assisted Selection to Breed for Resistance to Common Bacterial Blight in Common Bean. <i>Journal of the American Society for Horticultural Science</i> , 2007, 132, 381-386.	1.0	38
43	Markers linked to the bc-3 gene conditioning resistance to bean common mosaic potyviruses in common bean. <i>Euphytica</i> , 2005, 144, 291-299.	1.2	37
44	Genetic Characterization and Mapping of Anthracnose Resistance of Common Bean Landrace Cultivar Corinthiano. <i>Crop Science</i> , 2015, 55, 1900-1910.	1.8	37
45	Mapping of QTL associated with <i>Fusarium</i> root rot resistance and root architecture traits in black beans. <i>Euphytica</i> , 2016, 212, 51-63.	1.2	37
46	Identification of QTL Associated with Drought Tolerance in Andean Common Bean. <i>Crop Science</i> , 2019, 59, 1007-1020.	1.8	37
47	Quantitative analysis of race-specific resistance to <i>Colletotrichum lindemuthianum</i> in common bean. <i>Molecular Breeding</i> , 2014, 34, 1313-1329.	2.1	35
48	Recombination-Facilitated RAPD Marker-Assisted Selection for Disease Resistance in Common Bean. <i>Crop Science</i> , 1996, 36, 86-90.	1.8	33
49	QTL Analysis of Symbiotic Nitrogen Fixation in a Black Bean Population. <i>Crop Science</i> , 2017, 57, 118-129.	1.8	32
50	Navy Bean Canning Quality: Correlations, Heritability Estimates, and Randomly Amplified Polymorphic DNA Markers Associated with Component Traits. <i>Journal of the American Society for Horticultural Science</i> , 1997, 122, 338-343.	1.0	32
51	Edible Grain Legumes. <i>CSSA Special Publication - Crop Science Society of America</i> , 0, , 87-123.	0.1	31
52	QTL Analysis of ICA Bunsia-Derived Resistance to White Mold in a Pinto - Navy Bean Cross. <i>Crop Science</i> , 2007, 47, 174-179.	1.8	30
53	Candidate Gene Identification with SNP Marker-Based Fine Mapping of Anthracnose Resistance Gene Co-4 in Common Bean. <i>PLoS ONE</i> , 2015, 10, e0139450.	2.5	30
54	Registration of "Zorro"™ Black Bean. <i>Journal of Plant Registrations</i> , 2009, 3, 226-230.	0.5	30

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55	Phenotypic Diversity for Seed Mineral Concentration in North American Dry Bean Germplasm of Middle American Ancestry. <i>Crop Science</i> , 2017, 57, 3129-3144.	1.8	29
56	Prediction of canned black bean texture (<i>Phaseolus vulgaris</i> L.) from intact dry seeds using visible/near infrared spectroscopy and hyperspectral imaging data. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 283-290.	3.5	29
57	A Greenhouse Screening Protocol for Fusarium Root Rot in Bean. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2000, 35, 1095-1098.	1.0	28
58	Agronomic Traits Affecting Resistance to White Mold in Common Bean. <i>Crop Science</i> , 2002, 42, 693.	1.8	28
59	Quantitative Trait Loci (QTL) Analysis of Canning Quality Traits in Kidney Bean (<i>Phaseolus vulgaris</i> L.). <i>Journal of the American Society for Horticultural Science</i> , 2002, 127, 608-615.	1.0	27
60	On-farm multi-location evaluation of genotype by environment interactions for seed yield and cooking time in common bean. <i>Scientific Reports</i> , 2020, 10, 3628.	3.3	26
61	Quantitative Trait Loci Analysis of White Mold Avoidance in Pinto Bean. <i>Crop Science</i> , 2015, 55, 2116-2129.	1.8	25
62	Joint Linkage QTL Mapping for Yield and Agronomic Traits in a Composite Map of Three Common Bean RIL Populations. <i>Crop Science</i> , 2016, 56, 2546-2563.	1.8	24
63	Temporal expression of candidate genes at the Co-1 locus and their interaction with other defense related genes in common bean. <i>Physiological and Molecular Plant Pathology</i> , 2019, 108, 101424.	2.5	24
64	Glyphosate-Resistant Soybean Management System Effect on Sclerotinia Stem Rot. <i>Weed Technology</i> , 2005, 19, 580-588.	0.9	20
65	Automated prediction of sensory scores for color and appearance in canned black beans (<i>Phaseolus vulgaris</i> L.) using machine vision. <i>International Journal of Food Properties</i> , 2017, 20, 83-99.	3.0	20
66	Effects of hardshell character on cooking time of common beans grown in the semiarid highlands of Mexico. <i>Journal of the Science of Food and Agriculture</i> , 1995, 69, 437-443.	3.5	19
67	QTL Analysis of Fusarium Root Rot Resistance in an Andean—Middle American Common Bean RIL Population. <i>Crop Science</i> , 2018, 58, 1166-1180.	1.8	18
68	Marker-Assisted Breeding for Economic Traits in Common Bean. , 2018, , 211-238.		17
69	Quantitative Trait Loci Associated with Resistance to Emposca in Common Bean. <i>Crop Science</i> , 2014, 54, 2509-2519.	1.8	14
70	Distal clavicle autograft augmentation for glenoid bone loss in revision shoulder arthroplasty: results and technique. <i>Journal of Shoulder and Elbow Surgery</i> , 2020, 29, e386-e393.	2.6	14
71	Identification of race-specific quantitative trait loci for resistance to <i>Colletotrichum lindemuthianum</i> in an Andean population of common bean. <i>Crop Science</i> , 2020, 60, 2843-2856.	1.8	13
72	QTL Analysis of Multigenic Disease Resistance in Plant Breeding. , 2006, , 21-48.		12

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73	Performance of Dry Bean Genotypes Grown under Organic and Conventional Production Systems in Michigan. <i>Agronomy Journal</i> , 2012, 104, 1485-1492.	1.8	12
74	Transcriptome analysis of two recombinant inbred lines of common bean contrasting for symbiotic nitrogen fixation. <i>PLoS ONE</i> , 2017, 12, e0172141.	2.5	12
75	Registration of "Zenith"™ Black Bean. <i>Journal of Plant Registrations</i> , 2015, 9, 15-20.	0.5	11
76	Genome-wide association analysis of drought adaptive traits in common bean. <i>Crop Science</i> , 2021, 61, 3232-3253.	1.8	11
77	Breeding to Improve Yield. <i>Developments in Plant Breeding</i> , 1999, , 185-222.	0.2	10
78	Determining the Soilborne Pathogens Associated with Root Rot Disease Complex of Dry Bean in Michigan. <i>Plant Health Progress</i> , 2019, 20, 122-127.	1.4	9
79	QTL mapping of post-processing color retention in two black bean populations. <i>Theoretical and Applied Genetics</i> , 2020, 133, 3085-3100.	3.6	9
80	Induction of competent cells for <i>Agrobacterium tumefaciens</i> -mediated stable transformation of common bean (<i>Phaseolus vulgaris</i> L.). <i>PLoS ONE</i> , 2020, 15, e0229909.	2.5	9
81	Genome-wide association analysis of resistance to <i>Pythium ultimum</i> in common bean (<i>Phaseolus</i>) Tj ETQq1 1 0.784314 rgBT /Over 1.9	1.9	8
82	Symbiotic Nitrogen Fixation of Black and Navy Bean under Organic Production Systems. <i>Agronomy Journal</i> , 2017, 109, 2223-2230.	1.8	7
83	Phenotypic and genotypic screening for rust resistance in common bean germplasm in Uganda. <i>Euphytica</i> , 2017, 213, 1.	1.2	3
84	Registration of "Bellagio"™ Cranberry Bean. <i>Journal of Plant Registrations</i> , 2010, 4, 171-174.	0.5	3
85	Registration of TARS-LH1 pinto bean germplasm with resistance to the leafhopper pest. <i>Journal of Plant Registrations</i> , 2020, 14, 165-171.	0.5	2
86	Registration of "Adams"™ black bean. <i>Journal of Plant Registrations</i> , 2021, 15, 253-259.	0.5	0
87	Registration of "Desert Song"™ Flor de Junio and "Gypsy Rose"™ Flor de Mayo Common Bean Cultivars. <i>Journal of Plant Registrations</i> , 2015, 9, 133-137.	0.5	0