

James L Dale

List of Publications by Year in descending order

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66
papers

2,585
citations

185998

28
h-index

197535

49
g-index

67
all docs

67
docs citations

67
times ranked

2627
citing authors

#	ARTICLE	IF	CITATIONS
1	Transgenic Cavendish bananas with resistance to Fusarium wilt tropical race 4. <i>Nature Communications</i> , 2017, 8, 1496.	5.8	168
2	Banana Bunchy Top: An Economically Important Tropical Plant Virus Disease. <i>Advances in Virus Research</i> , 1987, 33, 301-325.	0.9	142
3	Improving agroinfiltration-based transient gene expression in <i>Nicotiana benthamiana</i> . <i>Plant Methods</i> , 2018, 14, 71.	1.9	139
4	Golden bananas in the field: elevated fruit pro-vitamin A from the expression of a single banana transgene. <i>Plant Biotechnology Journal</i> , 2017, 15, 520-532.	4.1	138
5	Molecular characterization of begomoviruses and DNA satellites from Vietnam: additional evidence that the New World geminiviruses were present in the Old World prior to continental separation. <i>Journal of General Virology</i> , 2008, 89, 312-326.	1.3	123
6	Gene editing the phytoene desaturase alleles of Cavendish banana using CRISPR/Cas9. <i>Transgenic Research</i> , 2018, 27, 451-460.	1.3	121
7	The extremophile <i>Nicotiana benthamiana</i> has traded viral defence for early vigour. <i>Nature Plants</i> , 2015, 1, 15165.	4.7	114
8	Centrifugation Assisted <i>Agrobacterium tumefaciens</i> -mediated Transformation (CAAT) of embryogenic cell suspensions of banana (<i>Musa</i> spp. Cavendish AAA and Lady finger AAB). <i>Molecular Breeding</i> , 2004, 14, 239-252.	1.0	106
9	On the evolution and molecular epidemiology of the potyvirus Papaya ringspot virus. <i>Journal of General Virology</i> , 2002, 83, 2575-2585.	1.3	100
10	Apoptosis-related genes confer resistance to Fusarium wilt in transgenic "Lady Finger"™ bananas. <i>Plant Biotechnology Journal</i> , 2011, 9, 1141-1148.	4.1	88
11	Accumulation of recombinant cellobiohydrolase and endoglucanase in the leaves of mature transgenic sugar cane. <i>Plant Biotechnology Journal</i> , 2011, 9, 884-896.	4.1	84
12	Functional analysis of proteins encoded by banana bunchy top virus DNA-4 to -6. <i>Microbiology (United Kingdom)</i> , 2007, 153, 1007-1019.	0.7	69
13	Development of salinity tolerance in rice by constitutive-overexpression of genes involved in the regulation of programmed cell death. <i>Frontiers in Plant Science</i> , 2015, 6, 175.	1.7	67
14	Completion of the genome sequence of Lettuce necrotic yellows virus, type species of the genus <i>Cytorhabdovirus</i> . <i>Virus Research</i> , 2006, 118, 16-22.	1.1	62
15	In Plant Activation: An Inducible, Hyperexpression Platform for Recombinant Protein Production in Plants. <i>Plant Cell</i> , 2013, 25, 2429-2443.	3.1	61
16	Taro vein chlorosis virus: characterization and variability of a new nucleorhabdovirus. <i>Journal of General Virology</i> , 2005, 86, 491-499.	1.3	57
17	Corchorus yellow vein virus, a New World geminivirus from the Old World. <i>Journal of General Virology</i> , 2006, 87, 997-1003.	1.3	57
18	Banana bunchy top nanovirus DNA-1 encodes the "master"™ replication initiation protein. <i>Journal of General Virology</i> , 2001, 82, 459-464.	1.3	56

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19	Modifying Bananas: From Transgenics to Organics?. Sustainability, 2017, 9, 333.	1.6	50
20	Isolation and functional characterisation of banana phytoene synthase genes as potential cisgenes. Planta, 2012, 236, 1585-1598.	1.6	47
21	Inhibition of <i>Agrobacterium</i> -Induced Cell Death by Antiapoptotic Gene Expression Leads to Very High Transformation Efficiency of Banana. Molecular Plant-Microbe Interactions, 2007, 20, 1048-1054.	1.4	46
22	Characterization of disease resistance gene candidates of the nucleotide binding site (NBS) type from banana and correlation of a transcriptional polymorphism with resistance to <i>Fusarium oxysporum</i> f.sp. cubense race 4. Molecular Breeding, 2008, 22, 565-579.	1.0	45
23	Effect of pretreatment on saccharification of sugarcane bagasse by complex and simple enzyme mixtures. Bioresource Technology, 2013, 148, 105-113.	4.8	41
24	Genetically engineered immunity to Papaya ringspot virus in Australian papaya cultivars. Molecular Breeding, 2002, 10, 119-129.	1.0	38
25	The Quest for Golden Bananas: Investigating Carotenoid Regulation in a Fe TM Group <i>Musa</i> Cultivar. Journal of Agricultural and Food Chemistry, 2016, 64, 3176-3185.	2.4	34
26	Design and construction of an in-plant activation cassette for transgene expression and recombinant protein production in plants. Nature Protocols, 2014, 9, 1010-1027.	5.5	31
27	Towards the development of a nuclear transformation system for <i>Dunaliella tertiolecta</i> . Journal of Applied Phycology, 2005, 17, 363-368.	1.5	29
28	The combination of plant-expressed cellobiohydrolase and low dosages of cellulases for the hydrolysis of sugar cane bagasse. Biotechnology for Biofuels, 2014, 7, 131.	6.2	29
29	Banana21: From Gene Discovery to Deregulated Golden Bananas. Frontiers in Plant Science, 2018, 9, 558.	1.7	29
30	Characterization of badnaviruses infecting <i>Dioscorea</i> spp. in the Pacific reveals two putative novel species and the first report of <i>dioscorea bacilliform RT virus 2</i> . Virus Research, 2017, 238, 29-34.	1.1	28
31	An iterated sequence in the genome of Banana bunchy top virus is essential for efficient replication. Journal of General Virology, 2006, 87, 3409-3412.	1.3	27
32	Physiological basis of salt stress tolerance in rice expressing the antiapoptotic gene SfiAP. Functional Plant Biology, 2014, 41, 1168.	1.1	24
33	Updates in inducible transgene expression using viral vectors: from transient to stable expression. Current Opinion in Biotechnology, 2015, 32, 85-92.	3.3	23
34	Molecular characterization of tomato-infecting begomoviruses in Thailand. Virus Research, 2005, 109, 1-8.	1.1	21
35	PCR amplification of a specific double-stranded RNA region of Fiji disease virus from diseased sugarcane. Journal of Virological Methods, 1992, 39, 237-246.	1.0	18
36	Recombinant Cellulase Accumulation in the Leaves of Mature, Vegetatively Propagated Transgenic Sugarcane. Molecular Biotechnology, 2014, 56, 795-802.	1.3	18

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37	An improved chemically inducible gene switch that functions in the monocotyledonous plant sugar cane. <i>Plant Molecular Biology</i> , 2014, 84, 443-454.	2.0	17
38	Assessment and optimization of rolling circle amplification protocols for the detection and characterization of badnaviruses. <i>Virology</i> , 2019, 529, 73-80.	1.1	17
39	Molecular analysis of Fiji disease Fijivirus genome segments 1 and 3. <i>Virus Genes</i> , 2003, 26, 283-289.	0.7	15
40	Improved molecular tools for sugar cane biotechnology. <i>Plant Molecular Biology</i> , 2014, 84, 497-508.	2.0	15
41	Molecular cloning and in silico analysis of potential Fusarium resistance genes in banana. <i>Molecular Breeding</i> , 2009, 23, 431-443.	1.0	13
42	Molecular characterisation of a putative new polerovirus infecting pumpkin (<i>Cucurbita pepo</i>) in Kenya. <i>Archives of Virology</i> , 2019, 164, 1717-1721.	0.9	13
43	RNAi technology for management of banana bunchy top disease. <i>Food and Energy Security</i> , 2020, 9, e247.	2.0	13
44	Inducible Resistance to Maize Streak Virus. <i>PLoS ONE</i> , 2014, 9, e105932.	1.1	12
45	Characterization and genetic diversity of Dioscorea bacilliform viruses present in a Pacific yam germplasm collection. <i>Plant Pathology</i> , 2020, 69, 576-584.	1.2	12
46	Production of selectable marker gene-free Cavendish banana (<i>Musa</i> spp.) using a steroid-inducible recombinase platform. <i>Transgenic Research</i> , 2020, 29, 81-93.	1.3	11
47	Viruses in <i>Kennedia rubicunda</i> .. <i>Australasian Plant Pathology</i> , 1975, 4, 13.	0.5	10
48	Molecular Analysis of Fiji Disease Virus Segments 2, 4 and 7 Completes the Genome Sequence. <i>Virus Genes</i> , 2006, 32, 43-47.	0.7	10
49	Expression of Potato virus Y cytoplasmic inclusion protein in tobacco results in disorganization of parenchyma cells, distortion of epidermal cells, and induces mitochondrial and chloroplast abnormalities, formation of membrane whorls and atypical lipid accumulation. <i>Micron</i> , 2009, 40, 730-736.	1.1	10
50	Cooking Enhances but the Degree of Ripeness Does Not Affect Provitamin A Carotenoid Bioavailability from Bananas in Mongolian Gerbils. <i>Journal of Nutrition</i> , 2012, 142, 2097-2104.	1.3	10
51	Glycine Mottle Virus, a Possible Member of the Tombusvirus Group. <i>Intervirology</i> , 1984, 21, 159-166.	1.2	9
52	Characterization of a novel member of the family Caulimoviridae infecting <i>Dioscorea nummularia</i> in the Pacific, which may represent a new genus of dsDNA plant viruses. <i>PLoS ONE</i> , 2018, 13, e0203038.	1.1	9
53	Provitamin A carotenoids in East African highland banana and other <i>Musa</i> cultivars grown in Uganda. <i>Food Science and Nutrition</i> , 2020, 8, 311-321.	1.5	8
54	Transgenic Expression of dsRNA Targeting the <i>Pentalonia nigronervosa</i> acetylcholinesterase Gene in Banana and Plantain Reduces Aphid Populations. <i>Plants</i> , 2021, 10, 613.	1.6	8

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55	Detection of Fiji disease virus in infected sugarcane by nucleic acid hybridization. <i>Journal of Virological Methods</i> , 1986, 13, 71-77.	1.0	6
56	Characterization of an Australian isolate of taro bacilliform virus and development of an infectious clone. <i>Archives of Virology</i> , 2018, 163, 1677-1681.	0.9	6
57	Possible recombination of tomato-infecting begomoviruses in Thailand. <i>Journal of General Plant Pathology</i> , 2005, 71, 314-318.	0.6	5
58	Iron absorption in raw and cooked bananas: a field study using stable isotopes in women. <i>Food and Nutrition Research</i> , 2015, 59, 25976.	1.2	5
59	Complete genome sequence of a novel zantedeschia mild mosaic virus isolate: the first report from Australia and from <i>Alocasia</i> sp.. <i>Archives of Virology</i> , 2016, 161, 1079-1082.	0.9	5
60	Characterisation of a subgroup IB isolate of Cucumber mosaic virus from <i>Xanthosoma</i> sp. in sub-Saharan Africa. <i>Australasian Plant Pathology</i> , 2019, 48, 457-460.	0.5	5
61	Isolation and characterisation of components of the <i>Dunaliella tertiolecta</i> chloroplast genome. <i>Journal of Applied Phycology</i> , 2005, 17, 495-508.	1.5	3
62	In vitro micro propagation of <i>Nicotiana benthamiana</i> via axillary shoots. <i>South Pacific Journal of Natural and Applied Sciences</i> , 2014, 32, 55.	0.2	3
63	Incidence of RNA viruses infecting taro and tannia in East Africa and molecular characterisation of dasheen mosaic virus isolates. <i>Annals of Applied Biology</i> , 2022, 180, 211-223.	1.3	3
64	Production of human vitronectin in <i>Nicotiana benthamiana</i> using the INPACT hyperexpression platform. <i>Plant Biotechnology Journal</i> , 2018, 16, 394-403.	4.1	2
65	Localization of Tobacco Yellow Dwarf Virus Replication Using the In Plant Activation (INPACT) Expression Platform. <i>Viruses</i> , 2020, 12, 688.	1.5	0
66	Infectivity of an Infectious Clone of Banana Streak CA Virus in A-Genome Bananas (<i>Musa acuminata</i>)	Tj ETQqO 0 0 rgBT /Overlock 10 Tf 5	0