

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
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67
all docs

67
docs citations

67
times ranked

2627
citing authors

#	ARTICLE	IF	CITATIONS
1	Incidence of <sc>RNA</sc> 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
2	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
3	Infectivity of an Infectious Clone of Banana Streak CA Virus in A-Genome Bananas (<i>Musa acuminata</i>) Tj ETQq1 1 0.784314 rgBT /Over	1.5	0
4	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
5	Characterization and genetic diversity of <i>Dioscorea</i> bacilliform viruses present in a Pacific yam germplasm collection. <i>Plant Pathology</i> , 2020, 69, 576-584.	1.2	12
6	RNAi technology for management of banana bunchy top disease. <i>Food and Energy Security</i> , 2020, 9, e247.	2.0	13
7	Localization of Tobacco Yellow Dwarf Virus Replication Using the In Plant Activation (INPACT) Expression Platform. <i>Viruses</i> , 2020, 12, 688.	1.5	0
8	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
9	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
10	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
11	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
12	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
13	Production of human vitronectin in <i>Nicotiana benthamiana</i> using the <sc>INPACT</sc> hyperexpression platform. <i>Plant Biotechnology Journal</i> , 2018, 16, 394-403.	4.1	2
14	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
15	Improving agroinfiltration-based transient gene expression in <i>Nicotiana benthamiana</i> . <i>Plant Methods</i> , 2018, 14, 71.	1.9	139
16	Banana21: From Gene Discovery to Deregulated Golden Bananas. <i>Frontiers in Plant Science</i> , 2018, 9, 558.	1.7	29
17	Gene editing the phytoene desaturase alleles of Cavendish banana using CRISPR/Cas9. <i>Transgenic Research</i> , 2018, 27, 451-460.	1.3	121
18	Characterization of badnaviruses infecting <i>Dioscorea</i> spp. in the Pacific reveals two putative novel species and the first report of <i>dioscorea</i> bacilliform RT virus 2. <i>Virus Research</i> , 2017, 238, 29-34.	1.1	28

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19	Transgenic Cavendish bananas with resistance to Fusarium wilt tropical race 4. Nature Communications, 2017, 8, 1496.	5.8	168
20	Golden bananas in the field: elevated fruit pro-vitamin A from the expression of a single banana transgene. Plant Biotechnology Journal, 2017, 15, 520-532.	4.1	138
21	Modifying Bananas: From Transgenics to Organics?. Sustainability, 2017, 9, 333.	1.6	50
22	The Quest for Golden Bananas: Investigating Carotenoid Regulation in a Fe TM i Group <i>Musa</i> Cultivar. Journal of Agricultural and Food Chemistry, 2016, 64, 3176-3185.	2.4	34
23	Complete genome sequence of a novel zantedeschia mild mosaic virus isolate: the first report from Australia and from Alocasia sp.. Archives of Virology, 2016, 161, 1079-1082.	0.9	5
24	The extremophile <i>Nicotiana benthamiana</i> has traded viral defence for early vigour. Nature Plants, 2015, 1, 15165.	4.7	114
25	Development of salinity tolerance in rice by constitutive-overexpression of genes involved in the regulation of programmed cell death. Frontiers in Plant Science, 2015, 6, 175.	1.7	67
26	Iron absorption in raw and cooked bananas: a field study using stable isotopes in women. Food and Nutrition Research, 2015, 59, 25976.	1.2	5
27	Updates in inducible transgene expression using viral vectors: from transient to stable expression. Current Opinion in Biotechnology, 2015, 32, 85-92.	3.3	23
28	Inducible Resistance to Maize Streak Virus. PLoS ONE, 2014, 9, e105932.	1.1	12
29	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
30	Physiological basis of salt stress tolerance in rice expressing the antiapoptotic gene SfiAP. Functional Plant Biology, 2014, 41, 1168.	1.1	24
31	Improved molecular tools for sugar cane biotechnology. Plant Molecular Biology, 2014, 84, 497-508.	2.0	15
32	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
33	An improved chemically inducible gene switch that functions in the monocotyledonous plant sugar cane. Plant Molecular Biology, 2014, 84, 443-454.	2.0	17
34	Recombinant Cellulase Accumulation in the Leaves of Mature, Vegetatively Propagated Transgenic Sugarcane. Molecular Biotechnology, 2014, 56, 795-802.	1.3	18
35	In vitro micro propagation of <i>Nicotiana benthamiana</i> via axillary shoots. South Pacific Journal of Natural and Applied Sciences, 2014, 32, 55.	0.2	3
36	Effect of pretreatment on saccharification of sugarcane bagasse by complex and simple enzyme mixtures. Bioresource Technology, 2013, 148, 105-113.	4.8	41

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37	In Plant Activation: An Inducible, Hyperexpression Platform for Recombinant Protein Production in Plants. <i>Plant Cell</i> , 2013, 25, 2429-2443.	3.1	61
38	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
39	Isolation and functional characterisation of banana phytoene synthase genes as potential cisgenes. <i>Planta</i> , 2012, 236, 1585-1598.	1.6	47
40	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
41	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
42	Molecular cloning and in silico analysis of potential Fusarium resistance genes in banana. <i>Molecular Breeding</i> , 2009, 23, 431-443.	1.0	13
43	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
44	Characterization of disease resistance gene candidates of the nucleotide binding site (NBS) type from banana and correlation of a transcriptional polymorphism with resistance to Fusarium oxysporum f.sp. cubense race 4. <i>Molecular Breeding</i> , 2008, 22, 565-579.	1.0	45
45	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
46	Inhibition of <i>Agrobacterium</i> -Induced Cell Death by Antiapoptotic Gene Expression Leads to Very High Transformation Efficiency of Banana. <i>Molecular Plant-Microbe Interactions</i> , 2007, 20, 1048-1054.	1.4	46
47	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
48	Completion of the genome sequence of Lettuce necrotic yellows virus, type species of the genus Cytovirus. <i>Virus Research</i> , 2006, 118, 16-22.	1.1	62
49	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
50	An iterated sequence in the genome of Banana bunchy top virus is essential for efficient replication. <i>Journal of General Virology</i> , 2006, 87, 3409-3412.	1.3	27
51	Possible recombination of tomato-infecting begomoviruses in Thailand. <i>Journal of General Plant Pathology</i> , 2005, 71, 314-318.	0.6	5
52	Towards the development of a nuclear transformation system for <i>Dunaliella tertiolecta</i> . <i>Journal of Applied Phycology</i> , 2005, 17, 363-368.	1.5	29
53	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
54	Taro vein chlorosis virus: characterization and variability of a new nucleorhabdovirus. <i>Journal of General Virology</i> , 2005, 86, 491-499.	1.3	57

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55	Molecular characterization of tomato-infecting begomoviruses in Thailand. <i>Virus Research</i> , 2005, 109, 1-8.	1.1	21
56	Centrifugation Assisted Agrobacterium tumefaciens-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
57	Molecular analysis of Fiji disease Fijivirus genome segments 1 and 3. <i>Virus Genes</i> , 2003, 26, 283-289.	0.7	15
58	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
59	Genetically engineered immunity to Papaya ringspot virus in Australian papaya cultivars. <i>Molecular Breeding</i> , 2002, 10, 119-129.	1.0	38
60	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
61	Functional analysis of proteins encoded by banana bunchy top virus DNA-4 to -6. <i>Microbiology (United Kingdom)</i> 157, 1077-1084. doi:10.1099/mic/0/015707-0	0.7	69
62	PCR amplification of a specific double-stranded RNA region of Fiji disease virus from diseased sugarcane. <i>Journal of Virological Methods</i> , 1992, 39, 237-246.	1.0	18
63	Banana Bunchy Top: An Economically Important Tropical Plant Virus Disease. <i>Advances in Virus Research</i> , 1987, 33, 301-325.	0.9	142
64	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
65	Glycine Mottle Virus, a Possible Member of the Tombusvirus Group. <i>Intervirology</i> , 1984, 21, 159-166.	1.2	9
66	Viruses in <i>Kennedia rubicunda</i> . <i>Australasian Plant Pathology</i> , 1975, 4, 13.	0.5	10