

Manjul Dutt

List of Publications by Year in descending order

Source: [//exaly.com/author-pdf/6237053/publications.pdf](https://exaly.com/author-pdf/6237053/publications.pdf)

Version: 2024-02-01

71
papers

2,012
citations

288859

22
h-index

274767

41
g-index

79
all docs

79
docs citations

79
times ranked

2327
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential use of the DREB/ERF, MYB, NAC and WRKY transcription factors to improve abiotic and biotic stress in transgenic plants. <i>Plant Cell, Tissue and Organ Culture</i> , 2018, 132, 1-25.	2.4	202
2	Transgenic Citrus Expressing an Arabidopsis NPR1 Gene Exhibit Enhanced Resistance against Huanglongbing (HLB; Citrus Greening). <i>PLoS ONE</i> , 2015, 10, e0137134.	2.5	143
3	Silicon nanoparticles mitigate oxidative stress of in vitro-derived banana (<i>Musa acuminata</i> ‘Grand Tj ETQq1 1 0.784314 rgBT /Over 155-163.	2.6	119
4	Evaluation of parameters affecting <i>Agrobacterium</i> -mediated transformation of citrus. <i>Plant Cell, Tissue and Organ Culture</i> , 2009, 98, 331-340.	2.4	95
5	Temporal and spatial control of gene expression in horticultural crops. <i>Horticulture Research</i> , 2014, 1, 14047.	6.5	87
6	Optimizing <i>Agrobacterium</i> -mediated transformation of grapevine. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2006, 42, 220-227.	2.2	84
7	Development of Improved Fruit, Vegetable, and Ornamental Crops Using the CRISPR/Cas9 Genome Editing Technique. <i>Plants</i> , 2019, 8, 601.	3.6	63
8	Dynamics of <i>Candidatus Liberibacter asiaticus</i> Movement and Sieve-Pore Plugging in Citrus Sink Cells. <i>Plant Physiology</i> , 2020, 182, 882-891.	5.1	63
9	Transgenic plants from shoot apical meristems of <i>Vitis vinifera</i> L. ‘Thompson Seedless’ via <i>Agrobacterium</i> -mediated transformation. <i>Plant Cell Reports</i> , 2007, 26, 2101-2110.	5.5	61
10	An embryogenic suspension cell culture system for <i>Agrobacterium</i> -mediated transformation of citrus. <i>Plant Cell Reports</i> , 2010, 29, 1251-1260.	5.5	60
11	Evaluation of four phloem-specific promoters in vegetative tissues of transgenic citrus plants. <i>Tree Physiology</i> , 2012, 32, 83-93.	3.2	58
12	Development and evaluation of in vitro somaclonal variation in strawberry for improved horticultural traits. <i>Scientia Horticulturae</i> , 2009, 122, 409-416.	3.7	54
13	An improved protocol for <i>Agrobacterium</i> -mediated transformation of grapevine (<i>Vitis vinifera</i> L.). <i>Plant Cell, Tissue and Organ Culture</i> , 2008, 93, 311-321.	2.4	51
14	A co-transformation system to produce transgenic grapevines free of marker genes. <i>Plant Science</i> , 2008, 175, 423-430.	3.8	48
15	All roads lead to Rome: Towards understanding different avenues of tolerance to huanglongbing in citrus cultivars. <i>Plant Physiology and Biochemistry</i> , 2018, 129, 1-10.	5.9	45
16	<i>Agrobacterium</i> -mediated transformation of embryogenic cultures and plant regeneration in <i>Vitis rotundifolia</i> Michx. (muscadine grape). <i>Plant Cell Reports</i> , 2008, 27, 865-872.	5.5	42
17	Effects of antioxidants on <i>Agrobacterium</i> -mediated transformation and accelerated production of transgenic plants of Mexican lime (<i>Citrus aurantifolia</i> Swingle). <i>Plant Cell, Tissue and Organ Culture</i> , 2011, 107, 79-89.	2.4	40
18	In vitro production of autotetraploid Ponkan mandarin (<i>Citrus reticulata</i> Blanco) using cell suspension cultures. <i>Euphytica</i> , 2010, 173, 235-242.	1.2	37

#	ARTICLE	IF	CITATIONS
19	Application of silicon nanoparticles enhances oxidative stress tolerance in salt stressed Valencia™ sweet orange plants. <i>Scientia Horticulturae</i> , 2022, 295, 110856.	3.7	37
20	Efficient CRISPR/Cas9 genome editing with Citrus embryogenic cell cultures. <i>BMC Biotechnology</i> , 2020, 20, 58.	3.4	32
21	Somatic Embryogenesis: Still a Relevant Technique in Citrus Improvement. <i>Methods in Molecular Biology</i> , 2016, 1359, 289-327.	0.0	31
22	Potential Mechanisms of AtNPR1 Mediated Resistance against Huanglongbing (HLB) in Citrus. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2009.	4.2	29
23	A cationic lipid mediated CRISPR/Cas9 technique for the production of stable genome edited citrus plants. <i>Plant Methods</i> , 2022, 18, 33.	4.5	29
24	The vascular targeted citrus FLOWERING LOCUS T3 gene promotes non-inductive early flowering in transgenic Carrizo rootstocks and grafted juvenile scions. <i>Scientific Reports</i> , 2020, 10, 21404.	3.4	25
25	The response of salt-stressed Valencia sweet orange (<i>Citrus sinensis</i>) to salicylic acid and methyl jasmonate treatments. <i>Plant Physiology Reports</i> , 2021, 26, 137-151.	1.5	23
26	Transgenic citrus expressing the antimicrobial gene Attacin E (attE) reduces the susceptibility of Duncan™ grapefruit to the citrus scab caused by <i>Elsinoë fawcettii</i> . <i>European Journal of Plant Pathology</i> , 2012, 133, 391-404.	1.7	21
27	Overexpression of the CsFUS3 gene encoding a B3 transcription factor promotes somatic embryogenesis in Citrus. <i>Plant Science</i> , 2018, 277, 121-131.	3.8	21
28	Salinity-Induced Physiological Responses of Three Putative Salt Tolerant Citrus Rootstocks. <i>Horticulturae</i> , 2020, 6, 90.	2.9	19
29	Silver compounds regulate leaf drop and improve in vitro regeneration from mature tissues of Australian finger lime (<i>Citrus australasica</i>). <i>Plant Cell, Tissue and Organ Culture</i> , 2020, 141, 455-464.	2.4	19
30	Phloem transport limitation in Huanglongbing-affected sweet orange is dependent on phloem-limited bacteria and callose. <i>Tree Physiology</i> , 2022, 42, 379-390.	3.2	19
31	TRANSGENIC ROOTSTOCK PROTEIN TRANSMISSION IN GRAPEVINES. <i>Acta Horticulturae</i> , 2007, , 749-754.	0.2	18
32	The Role of Calmodulin and Related Proteins in Plant Cell Function: An Ever-Thickening Plot. <i>Springer Science Reviews</i> , 2014, 2, 145.	1.3	17
33	A physical, enzymatic, and genetic characterization of perturbations in the seeds of the brownseed tomato mutants. <i>Journal of Experimental Botany</i> , 2004, 55, 961-973.	4.9	15
34	Bifunctional selection reporter systems for genetic transformation of citrus: mannose- and kanamycin-based systems. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2010, 46, 467-476.	2.2	15
35	Evaluation of a grapevine-derived reporter gene system for precision breeding of Vitis. <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 124, 599-609.	2.4	15
36	Genetic transformation of the W Murcott™ tangor: comparison between different techniques. <i>Scientia Horticulturae</i> , 2018, 242, 90-94.	3.7	15

#	ARTICLE	IF	CITATIONS
37	Isolation, characterization, and evaluation of three <i>Citrus sinensis</i> -derived constitutive gene promoters. <i>Plant Cell Reports</i> , 2018, 37, 1113-1125.	5.5	14
38	<i>Agrobacterium tumefaciens</i> -mediated genetic transformation and plant regeneration from a complex tetraploid hybrid citrus rootstock. <i>Scientia Horticulturae</i> , 2010, 123, 454-458.	3.7	13
39	Embryo-specific expression of a visual reporter gene as a selection system for citrus transformation. <i>PLoS ONE</i> , 2018, 13, e0190413.	2.5	12
40	Comparative phytochemical analysis of the fruits of four Florida-grown finger lime (<i>Citrus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td	5.3	12
41	Co-transformation of Grapevine Somatic Embryos to Produce Transgenic Plants Free of Marker Genes. <i>Methods in Molecular Biology</i> , 2012, 847, 201-213.	0.0	11
42	Comparative expression analysis of five caulimovirus promoters in citrus. <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 126, 229-238.	2.4	11
43	Metabolically engineered anthocyanin-producing lime provides additional nutritional value and antioxidant potential to juice. <i>Plant Biotechnology Reports</i> , 2018, 12, 329-346.	1.6	10
44	Utilization of somatic fusion techniques for the development of HLB tolerant breeding resources employing the Australian finger lime (<i>Citrus australasica</i>). <i>PLoS ONE</i> , 2021, 16, e0255842.	2.5	9
45	Production and characterization of transgenic <i>Citrus</i> plants carrying p35 anti-apoptotic gene. <i>Scientia Horticulturae</i> , 2015, 197, 203-211.	3.7	8
46	Development of genetically modified citrus plants for the control of citrus canker and Huanglongbing. <i>Tropical Plant Pathology</i> , 2020, 45, 237-250.	1.5	8
47	Citrus biotechnology. , 2020, , 171-192.		8
48	Physiological Responses and Gene Expression Patterns in Open-Pollinated Seedlings of a Pummelo-Mandarin Hybrid Rootstock Exposed to Salt Stress and Huanglongbing. <i>Plants</i> , 2021, 10, 1439.	3.6	7
49	Biotechnological Approaches for the Resistance to Citrus Diseases. <i>Compendium of Plant Genomes</i> , 2020, , 245-257.	0.0	7
50	Seasonal effects of seed age on regeneration potential and transformation success rate in three citrus cultivars. <i>Scientia Horticulturae</i> , 2011, 127, 262-266.	3.7	6
51	Development of a SCAR Marker Linked to Male Fertility Traits in 'Jinkyool' (<i>Citrus sunki</i>). <i>Journal of Life Science</i> , 2011, 21, 1659-1665.	0.2	6
52	Overexpression of the salicylic acid binding protein 2 (SABP2) from tobacco enhances tolerance against Huanglongbing in transgenic citrus. <i>Plant Cell Reports</i> , 2022, 41, 2305-2320.	5.5	6
53	Identification of sieve elements and companion cell protoplasts by a combination of brightfield and fluorescence microscopy. <i>Applications in Plant Sciences</i> , 2018, 6, e01179.	2.2	5
54	Functional characterization of full-length and 5â€² deletion fragments of <i>Citrus sinensis</i> -derived constitutive promoters in <i>Nicotiana benthamiana</i> . <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2020, 56, 280-289.	2.2	5

#	ARTICLE	IF	CITATIONS
55	Overexpression of the Arabidopsis NPR1 gene confers enhanced salt tolerance by regulating antioxidant and starch accumulation in citrus. <i>Plant Cell, Tissue and Organ Culture</i> , 2022, 150, 695-707.	2.4	5
56	Influence of Anthocyanin Expression on the Performance of Photosynthesis in Sweet Orange, <i>Citrus sinensis</i> (L.) Osbeck. <i>Plants</i> , 2023, 12, 3965.	3.6	3
57	Evaluation of plant-based reporter systems for improvement of cold-hardy grape cultivars. <i>Acta Horticulturae</i> , 2016, , 57-62.	0.2	2
58	Physiological and Biochemical Evaluation of Salt Stress Tolerance in a Citrus Tetraploid Somatic Hybrid. <i>Horticulturae</i> , 2023, 9, 1215.	2.9	2
59	Melatonin supplementation enhances browning suppression and improves transformation efficiency and regeneration of transgenic rough lemon plants (<i>Citrus</i> "jambhiri"). <i>PLoS ONE</i> , 2024, 19, e0294318.	2.5	2
60	Metabolic Profiling of Hybrids Generated from Pummelo and <i>Citrus latipes</i> in Relation to Their Attraction to <i>Diaphorina citri</i> , the Vector of Huanglongbing. <i>Metabolites</i> , 2020, 10, 477.	3.0	1
61	Finger Lime: An Alternative Crop with Great Potential in South Florida. <i>Edis</i> , 2018, 2018, .	0.1	1
62	Genetically Modified Citrus: Current Status, Prospects, and Future Challenges. , 2021, , 161-201.		1
63	Identification and Characterization of Two Putative Citrus Phosphomannose Isomerase (CsPMI) Genes as Selectable Markers for Mature Citrus Transformation. <i>Horticulturae</i> , 2022, 8, 204.	2.9	1
64	Anthocitrus: evaluation of anthocyanin accumulating "Mexican" lime fruits produced by overexpressing the Ruby transcription factor gene from <i>Citrus sinensis</i> "Moro". <i>Plant Cell, Tissue and Organ Culture</i> , 2023, 155, 283-296.	2.4	1
65	Citrus Nursery Production Guide, Chapter 4: Rootstock Selection. <i>Edis</i> , 2020, 2019, 4.	0.1	0
66	A new liquid selection system for mature citrus transformation. <i>Scientia Horticulturae</i> , 2022, 293, 110672.	3.7	0
67	Field Performance of "Valencia"™ Sweet Orange Trees Grafted onto Pummelo Interstocks and Swingle Citrumelo Rootstocks under Huanglongbing (HLB) Endemic Conditions. <i>Horticulturae</i> , 2023, 9, 719.	2.9	0
68	Cationic lipid nanoparticle-mediated delivery of a Cas9/crRNA ribonucleoprotein complex for transgene-free editing of the citrus plant genome. <i>Plant Cell Reports</i> , 2024, 43, .	5.5	0
69	Phenotypic and physiological traits of autotetraploid "UF SunLime"™ finger lime hybrid plants. <i>Plant Cell, Tissue and Organ Culture</i> , 2024, 158, .	2.4	0
70	Physiological and molecular responses of "Hamlin"™ sweet orange trees expressing the <i>VvmybA1</i> gene under cold stress conditions. <i>Planta</i> , 2024, 260, .	3.3	0
71	Comparative analysis between a HLB tolerant bud sport obtained from the "Flame"™ grapefruit with its parental genotype. <i>Scientia Horticulturae</i> , 2024, 338, 113554.	3.7	0