

Dennis T Thomas

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,367
citations

361045

20
h-index

360668

35
g-index

55
all docs

55
docs citations

55
times ranked

1086
citing authors

#	ARTICLE	IF	CITATIONS
1	High-frequency direct shoot induction from leaf explants of <i>Pogostemon quadrifolius</i> (Benth.) F. Muell.: an ethnomedicinal herb. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2022, 58, 321.	0.9	2
2	The Role of Meta-topolin in Plant Morphogenesis <i>In Vitro</i> . , 2021, , 93-118.		1
3	Chitosan/Gelatin/Silver Nanoparticles Composites Films for Biodegradable Food Packaging Applications. <i>Polymers</i> , 2021, 13, 1680.	2.0	77
4	High-frequency shoot regeneration from flower bud derived callus of <i>Gymnostachyum febrifugum</i> Benth., an endemic medicinal plant to the Western Ghats. <i>Plant Cell, Tissue and Organ Culture</i> , 2021, 147, 221-228.	1.2	5
5	In vitro strategies for the conservation of Indian medicinal climbers. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2020, 56, 784-802.	0.9	16
6	Tylophorine: Sources, Properties, Applications and Biotechnological Production. , 2020, , 167-176.		5
7	The Applications of TDZ in Medicinal Plant Tissue Culture. , 2018, , 297-316.		14
8	Hairy Root Culture for the Production of Useful Secondary Metabolites. , 2017, , 201-230.		8
9	Recent Advances in Asteraceae Tissue Culture. , 2016, , 161-195.		8
10	In Vitro Strategies for the Conservation of Some Medicinal and Horticultural Climbers. , 2016, , 259-290.		2
11	An efficient shoot regeneration system for medicinally important <i>Elephantopus scaber</i> Linn.. <i>Crop Breeding and Applied Biotechnology</i> , 2015, 15, 94-99.	0.1	4
12	Rhinacanthin production from hairy root cultures of <i>Rhinacanthus nasutus</i> (L.) Kurz. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2015, 51, 420-427.	0.9	6
13	Abiotic stresses increase plant regeneration ability of rhizome explants of <i>Curcuma caesia</i> Roxb.. <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 122, 767-772.	1.2	5
14	In vitro micropropagation and flowering in <i>Ipomoea sepiaria</i> Roxb. An important ethanomedicinal plant. <i>Asian Pacific Journal of Reproduction</i> , 2015, 4, 49-53.	0.2	17
15	Callus induction, high frequency shoot organogenesis and assessment of clonal fidelity in <i>Torenia bicolor</i> Dalzell.. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2015, 2, 188-194.	0.9	2
16	Plant regeneration from organogenic callus and assessment of clonal fidelity in <i>Elephantopus scaber</i> Linn., an ethnomedicinal herb. <i>Physiology and Molecular Biology of Plants</i> , 2015, 21, 269-277.	1.4	11
17	High-frequency callus organogenesis, large-scale cultivation and assessment of clonal fidelity of regenerated plants of <i>Curcuma caesia</i> Roxb., an important source of camphor. <i>Agroforestry Systems</i> , 2015, 89, 779-788.	0.9	9
18	Reproductive biology of <i>Pittosporum dasycaulon</i> Miq., (Family Pittosporaceae) a rare medicinal tree endemic to Western Ghats. , 2014, 55, 15.		13

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19	High frequency multiple shoot induction from nodal segments and rhinacanthin production in the medicinal shrub <i>Rhinacanthus nasutus</i> (L.) Kurz. <i>Plant Growth Regulation</i> , 2014, 74, 47-54.	1.8	13
20	Shoot organogenesis from root-derived callus of <i>Rhinacanthus nasutus</i> (L.) Kurz. and assessment of clonal fidelity of micropropagated plants using RAPD analysis. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 1172-1182.	1.4	9
21	Effect of plant growth regulators and elicitors on rhinacanthin accumulation in hairy root cultures of <i>Rhinacanthus nasutus</i> (L.) Kurz. <i>Plant Cell, Tissue and Organ Culture</i> , 2014, 118, 169-177.	1.2	26
22	In vitro propagation and conservation of Indian sarsaparilla, <i>Hemidesmus indicus</i> L. R. Br. through somatic embryogenesis and synthetic seed production. <i>Acta Physiologiae Plantarum</i> , 2013, 35, 771-779.	1.0	34
23	Somatic embryogenesis and synthetic seed production in <i>Rhinacanthus nasutus</i> (L.) Kurz.. <i>Plant Cell, Tissue and Organ Culture</i> , 2013, 113, 63-71.	1.2	39
24	Plant Regeneration Through Callus Organogenesis and True-to-Type Conformity of Plants by RAPD Analysis in <i>Desmodium gangeticum</i> (Linn.) DC.. <i>Applied Biochemistry and Biotechnology</i> , 2013, 169, 1799-1810.	1.4	14
25	Antibacterial activity of medicinal plant <i>Cyclea peltata</i> (Lam) Hook & Thoms. <i>Asian Pacific Journal of Tropical Disease</i> , 2012, 2, S280-S284.	0.5	17
26	High frequency somatic embryogenesis and synthetic seed production in <i>Clitoria ternatea</i> Linn. <i>Plant Cell, Tissue and Organ Culture</i> , 2012, 110, 141-151.	1.2	62
27	Asymbiotic seed germination and in vitro conservation of <i>Coelogyne nervosa</i> A. Rich. an endemic orchid to Western Ghats. <i>Physiology and Molecular Biology of Plants</i> , 2012, 18, 245-251.	1.4	18
28	Shoot organogenesis from leaf callus and ISSR assessment for their identification of clonal fidelity in <i>Rhinacanthus nasutus</i> (L.) Kurz., a potent anticancerous ethnomedicinal plant. <i>Industrial Crops and Products</i> , 2012, 40, 122-128.	2.5	17
29	Pulvinus: an ideal explant for plant regeneration in <i>Caesalpinia bonduc</i> (L.) Roxb., an important ethnomedicinal woody climber. <i>Acta Physiologiae Plantarum</i> , 2012, 34, 693-699.	1.0	15
30	Optimizing embryo and shoot tip derived callus production and high frequency plant regeneration in the model grass <i>Brachypodium distachyon</i> (L.) P. Beauv. <i>Plant Biosystems</i> , 2011, 145, 924-930.	0.8	4
31	In vitro culture of endosperm and its application in plant breeding: Approaches to polyploidy breeding. <i>Scientia Horticulturae</i> , 2011, 130, 1-8.	1.7	35
32	An efficient plant regeneration system through callus for <i>Pseudarthria viscida</i> (L.) Wright and Arn., a rare ethnomedicinal herb. <i>Physiology and Molecular Biology of Plants</i> , 2011, 17, 395-401.	1.4	8
33	In vitro propagation for the conservation of a rare medicinal plant <i>Justicia gendarussa</i> Burm. f. by nodal explants and shoot regeneration from callus. <i>Acta Physiologiae Plantarum</i> , 2010, 32, 943-950.	1.0	34
34	Adventitious shoot induction from cultured internodal explants of <i>Malaxis acuminata</i> D. Don, a valuable terrestrial medicinal orchid. <i>Plant Cell, Tissue and Organ Culture</i> , 2010, 101, 163-170.	1.2	36
35	A rapid in vitro multiplication system for commercial propagation of pharmaceutically important <i>Cyclea peltata</i> (Lam) Hook & Thoms. based on enhanced axillary branching. <i>Industrial Crops and Products</i> , 2010, 31, 92-98.	2.5	23
36	Multiple shoot induction and callus regeneration in <i>Sarcostemma brevistigma</i> Wight & Arnott, a rare medicinal plant. <i>Plant Biotechnology Reports</i> , 2009, 3, 67-74.	0.9	39

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37	Isolation, callus formation and plantlet regeneration from mesophyll protoplasts of <i>Tylophora indica</i> (Burm. f.) Merrill: an important medicinal plant. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2009, 45, 591-598.	0.9	20
38	Endosperm culture: a novel method for triploid plant production. <i>Plant Cell, Tissue and Organ Culture</i> , 2008, 93, 1-14.	1.2	46
39	The effect of in vivo and in vitro applications of ethrel and GA3 on sex expression in bitter melon (<i>Momordica charantia</i> L.). <i>Euphytica</i> , 2008, 164, 317-323.	0.6	14
40	The role of activated charcoal in plant tissue culture. <i>Biotechnology Advances</i> , 2008, 26, 618-631.	6.0	329
41	High-frequency plantlet regeneration and multiple shoot induction from cultured immature seeds of <i>Rhynchosyris retusa</i> Blume., an exquisite orchid. <i>Plant Biotechnology Reports</i> , 2007, 1, 243-249.	0.9	28
42	High-frequency, direct bulblet induction from rhizome explants of <i>Curculigo orchioides</i> Gaertn., an endangered medicinal herb. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2007, 43, 442-448.	0.9	11
43	Pretreatment in thidiazuron improves the in vitro shoot induction from leaves in <i>Curculigo orchioides</i> Gaertn., an endangered medicinal plant. <i>Acta Physiologiae Plantarum</i> , 2007, 29, 455-461.	1.0	25
44	Callus induction and plant regeneration in <i>Cardiospermum halicacabum</i> Linn. an important medicinal plant. <i>Scientia Horticulturae</i> , 2006, 108, 332-336.	1.7	38
45	Thidiazuron-induced high-frequency shoot organogenesis from leaf-derived callus of a medicinal climber, <i>Tylophora Indica</i> (Burm. F.) merrill. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2005, 41, 124-128.	0.9	46
46	In Vitro Modification of Sex Expression in Mulberry (<i>Morus Alba</i>) by Ethrel and Silver Nitrate. <i>Plant Cell, Tissue and Organ Culture</i> , 2004, 77, 277-281.	1.2	15
47	High frequency in vitro regeneration of <i>Kigelia pinnata</i> L. via organogenesis. <i>Journal of Plant Biology</i> , 2004, 47, 48-51.	0.9	2
48	Callus induction and plant regeneration from cotyledonary explants of ash gourd (<i>Benincasa hispida</i>) Tj ETQq0 0 0 ggBT /Overlock 10 Tf	1.7	30
49	Thidiazuron Induced Multiple Shoot Induction and Plant Regeneration from Cotyledonary Explants of Mulberry. <i>Biologia Plantarum</i> , 2003, 46, 529-533.	1.9	56
50	Advances in mulberry tissue culture. <i>Journal of Plant Biology</i> , 2002, 45, 7-21.	0.9	10
51	In Vitro Gynogenesis. , 2001, , 489-507.		8
52	A reproducible protocol for the production of gynogenic haploids of mulberry, <i>Morus alba</i> L.. <i>Euphytica</i> , 1999, 110, 169-173.	0.6	27