

T Dennis Thomas

List of Publications by Year in descending order

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50
papers

1,278
citations

441845

17
h-index

372325

34
g-index

52
all docs

52
docs citations

52
times ranked

1244
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of activated charcoal in plant tissue culture. <i>Biotechnology Advances</i> , 2008, 26, 618-631.	12.0	340
2	Chitosan/Gelatin/Silver Nanoparticles Composites Films for Biodegradable Food Packaging Applications. <i>Polymers</i> , 2021, 13, 1680.	4.6	100
3	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.	2.4	64
4	Thidiazuron-induced high-frequency shoot organogenesis from leaf-derived callus of ia medicinal climber, <i>Tylophora Indica</i> (Burm. F.) merrill. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2005, 41, 124-128.	2.2	49
5	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.	1.6	39
6	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.	2.4	39
7	Callus induction and plant regeneration in <i>Cardiospermum halicacabum</i> Linn. an important medicinal plant. <i>Scientia Horticulturae</i> , 2006, 108, 332-336.	3.7	38
8	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.	2.4	38
9	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.	2.2	35
10	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.	2.2	34
11	Callus induction and plant regeneration from cotyledonary explants of ash gourd (<i>Benincasa hispida</i>) Tj ETQq1 1 0.784314 rgBT /Overdo	3.7	30
12	High-frequency plantlet regeneration and multiple shoot induction from cultured immature seeds of <i>Rhynchosyilis retusa</i> Blume., an exquisite orchid. <i>Plant Biotechnology Reports</i> , 2007, 1, 243-249.	1.6	28
13	A reproducible protocol for the production of gynogenic haploids of mulberry, <i>Morus alba</i> L.. <i>Euphytica</i> , 1999, 110, 169-173.	1.2	27
14	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.	2.4	27
15	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.	2.2	25
16	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.	5.4	23
17	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.	2.2	21
18	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.	3.2	18

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19	Antibacterial activity of medicinal plant <i>Cyclea peltata</i> (Lam) Hooks & Thoms. <i>Asian Pacific Journal of Tropical Disease</i> , 2012, 2, S280-S284.	0.6	17
20	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.	5.4	17
21	In vitro micropropagation and flowering in <i>Ipomoea sepiaria</i> Roxb. An important ethnomedicinal plant. <i>Asian Pacific Journal of Reproduction</i> , 2015, 4, 49-53.	0.4	17
22	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.	2.4	16
23	In vitro strategies for the conservation of Indian medicinal climbers. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2020, 56, 784-802.	2.2	16
24	Effect of Sugars, Gibberellic Acid and Abscisic Acid on Somatic Embryogenesis in <i>Tylophora indica</i> (Burm. f.) Merrill. <i>Shengwu Gongcheng Xuebao/Chinese Journal of Biotechnology</i> , 2006, 22, 465-471.	0.4	15
25	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.	2.2	15
26	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.	3.0	15
27	The Applications of TDZ in Medicinal Plant Tissue Culture. , 2018, , 297-316.		15
28	The effect of inÂvivo and inÂvitro applications of ethrel and GA3 on sex expression in bitter melon (<i>Momordica charantia</i> L.). <i>Euphytica</i> , 2008, 164, 317-323.	1.2	14
29	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.	3.4	14
30	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.	2.2	11
31	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.	3.2	11
32	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.	1.9	11
33	Hairy Root Culture for the Production of Useful Secondary Metabolites. , 2017, , 201-230.		11
34	Advances in mulberry tissue culture. <i>Journal of Plant Biology</i> , 2002, 45, 7-21.	2.2	10
35	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.	3.0	9
36	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.	3.2	8

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37	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.	2.2	8
38	Recent Advances in Asteraceae Tissue Culture. , 2016, , 161-195.		8
39	<i>In Vitro Gynogenesis.</i> , 2001, , 489-507.		8
40	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.	2.4	5
41	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.	2.4	5
42	Tylophorine: Sources, Properties, Applications and Biotechnological Production. , 2020, , 167-176.		5
43	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.	1.7	4
44	An efficient shoot regeneration system for medicinally important <i>Elephantopus scaber</i> Linn.. <i>Crop Breeding and Applied Biotechnology</i> , 2015, 15, 94-99.	0.4	4
45	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.	2.2	4
46	<i>In Vitro Strategies for the Conservation of Some Medicinal and Horticultural Climbers.</i> , 2016, , 259-290.		3
47	High frequency in vitro regeneration of <i>Kigelia pinnata</i> L. via organogenesis. <i>Journal of Plant Biology</i> , 2004, 47, 48-51.	2.2	2
48	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.	1.6	2
49	The Role of Meta-topolin in Plant Morphogenesis <i>In Vitro.</i> , 2021, , 93-118.		2
50	Indirect shoot regeneration from root explants, assessment of clonal fidelity of regenerated plants using SCoT primers and antioxidant analysis in <i>Thottea siliquosa</i> (Lamk.) Ding Hou. <i>Plant Cell, Tissue and Organ Culture</i> , 2023, 155, 255-266.	2.4	1