

Praveen K Saxena

List of Publications by Year in descending order

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134
papers

6,312
citations

61984

43
h-index

74163

75
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135
all docs

135
docs citations

135
times ranked

4061
citing authors

#	ARTICLE	IF	CITATIONS
1	Thidiazuron: A potent regulator of in vitro plant morphogenesis. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 1998, 34, 267-275.	2.1	397
2	Role of melatonin in alleviating cold stress in <i>Arabidopsis thaliana</i> . <i>Journal of Pineal Research</i> , 2014, 56, 238-245.	7.4	334
3	Tryptophan is a precursor for melatonin and serotonin biosynthesis in in vitro regenerated St. John's wort (<i>Hypericum perforatum</i> L. cv. Anthos) plants. <i>Plant Cell Reports</i> , 2000, 19, 698-704.	5.6	289
4	Melatonin in feverfew and other medicinal plants. <i>Lancet</i> , The, 1997, 350, 1598-1599.	13.7	225
5	Morphoregulatory Role of Thidiazuron. <i>Plant Physiology</i> , 1992, 99, 1704-1707.	4.8	182
6	Thidiazuron-induced somatic embryogenesis in intact seedlings of peanut (<i>Arachis hypogaea</i>): Endogenous growth regulator levels and significance of cotyledons. <i>Physiologia Plantarum</i> , 1995, 94, 268-276.	5.2	178
7	Melatonin Natural Health Products and Supplements: Presence of Serotonin and Significant Variability of Melatonin Content. <i>Journal of Clinical Sleep Medicine</i> , 2017, 13, 275-281.	2.6	167
8	Melatonin and serotonin in flowers and fruits of <i>Datura metel</i> L.. <i>Journal of Pineal Research</i> , 2009, 47, 277-283.	7.4	161
9	The role of serotonin and melatonin in plant morphogenesis: Regulation of auxin-induced root organogenesis in in vitro-cultured explants of St. John's Wort (<i>Hypericum perforatum</i> L.). <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2001, 37, 786-793.	2.1	155
10	Melatonin improves the survival of cryopreserved callus of <i>Rhodiola crenulata</i> . <i>Journal of Pineal Research</i> , 2011, 50, 83-88.	7.4	122
11	Identification and quantification of eight flavones in root and shoot tissues of the medicinal plant Huang-qin (<i>Scutellaria baicalensis</i> Georgi) using high-performance liquid chromatography with diode array and mass spectrometric detection. <i>Journal of Chromatography A</i> , 2005, 1062, 199-207.	3.7	120
12	Melatonin: A potential regulator of plant growth and development?. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2002, 38, 531-536.	2.1	119
13	Nickel contamination affects growth and secondary metabolite composition of St. John's wort (<i>Hypericum perforatum</i> L.). <i>Environmental and Experimental Botany</i> , 2003, 49, 251-257.	4.2	108
14	Changes in the levels of indoleamine phytochemicals during <i>in vitro</i> and ripening of wine grapes. <i>Journal of Pineal Research</i> , 2010, 49, no-no.	7.4	107
15	A new balancing act: The many roles of melatonin and serotonin in plant growth and development. <i>Plant Signaling and Behavior</i> , 2015, 10, e1096469.	2.4	105
16	Light-enhanced caffeic acid derivatives biosynthesis in hairy root cultures of <i>Echinacea purpurea</i> . <i>Plant Cell Reports</i> , 2007, 26, 1367-1372.	5.6	97
17	Thidiazuron-induced regeneration of <i>Echinacea purpurea</i> L.: Micropropagation in solid and liquid culture systems. <i>Plant Cell Reports</i> , 2006, 26, 13-19.	5.6	96
18	Rapid method for accurate analysis of melatonin, serotonin and auxin in plant samples using liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1134, 333-337.	3.7	89

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19	A metabolomic analysis of medicinal diversity in Huang-qin (<i>Scutellaria baicalensis</i> Georgi) genotypes: discovery of novel compounds. <i>Plant Cell Reports</i> , 2004, 23, 419-425.	5.6	86
20	Thidiazuron-induced plant regeneration from hypocotyl cultures of St. John's wort (<i>Hypericum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	5.6	85
21	Regeneration of the Egyptian medicinal plant <i>Artemisia judaica</i> L.. <i>Plant Cell Reports</i> , 2003, 21, 525-530.	5.6	83
22	Melatonin enhances the recovery of cryopreserved shoot tips of <i>American elm</i> (<i>Ulmus americana</i> L.). <i>Journal of Pineal Research</i> , 2013, 55, 435-442.	7.4	83
23	Morphoregulatory role of thidiazuron: Evidence of the involvement of endogenous auxin in thidiazuron-induced somatic embryogenesis of geranium (<i>Pelargonium hortorum</i> Bailey). <i>Journal of Plant Physiology</i> , 1996, 149, 573-579.	3.5	81
24	Melatonin and serotonin: Mediators in the symphony of plant morphogenesis. <i>Journal of Pineal Research</i> , 2018, 64, e12452.	7.4	81
25	Induction by thidiazuron of somatic embryogenesis in intact seedlings of peanut. <i>Planta</i> , 1992, 187, 421-4.	3.2	80
26	Title is missing!. <i>Plant Growth Regulation</i> , 2001, 35, 269-275.	3.4	79
27	In vitro regeneration of chickpea (<i>Cicer arietinum</i> L.): Stimulation of direct organogenesis and somatic embryogenesis by thidiazuron. <i>Plant Growth Regulation</i> , 1996, 19, 233-240.	3.4	76
28	Mammalian neurohormones: potential significance in reproductive physiology of St. John's wort (<i>Hypericum perforatum</i> L.)?. <i>Die Naturwissenschaften</i> , 2002, 89, 555-560.	1.6	74
29	The mode of action of thidiazuron: auxins, indoleamines, and ion channels in the regeneration of <i>Echinacea purpurea</i> L.. <i>Plant Cell Reports</i> , 2007, 26, 1481-1490.	5.6	73
30	Caffeic Acid Derivatives Production by Hairy Root Cultures of <i>Echinacea purpurea</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 8456-8460.	5.2	67
31	A melatonin-rich germplasm line of St John's wort (<i>Hypericum perforatum</i> L.). <i>Journal of Pineal Research</i> , 2006, 41, 284-287.	7.4	66
32	Metal Tolerance of Scented Geranium (<i>Pelargonium</i> sp. "Frensham"): Effects of Cadmium and Nickel on Chlorophyll Fluorescence Kinetics. <i>International Journal of Phytoremediation</i> , 2000, 2, 91-104.	3.1	64
33	In vitro production and chemical characterization of St. John's wort (<i>Hypericum perforatum</i> L. cv) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 70	3.6	64
34	Serotonin: An ancient molecule and an important regulator of plant processes. <i>Biotechnology Advances</i> , 2016, 34, 1347-1361.	11.7	62
35	Direct visualization of location and uptake of applied melatonin and serotonin in living tissues and their redistribution in plants in response to thermal stress. <i>Journal of Pineal Research</i> , 2019, 66, e12527.	7.4	62
36	Somatic embryogenesis and plant regeneration of neem (<i>Azadirachta indica</i> A. Juss.). <i>Plant Cell Reports</i> , 1998, 17, 469-475.	5.6	58

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37	Acetylsalicylic acid enhances and synchronizes thidiazuron-induced somatic embryogenesis in geranium (<i>Pelargonium x hortorum</i> Bailey) tissue cultures. <i>Plant Cell Reports</i> , 1996, 15, 512-515.	5.6	57
38	Echinacea biotechnology: Challenges and opportunities. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2007, 43, 481-492.	2.1	53
39	In vitro regeneration of <i>Echinacea purpurea</i> L.: Direct somatic embryogenesis and indirect shoot organogenesis in petiole culture. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2000, 36, 30-36.	2.1	52
40	Medicinal biotechnology in the genus <i>scutellaria</i> . <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2007, 43, 318-327.	2.1	50
41	Comparisons of <i>Scutellaria baicalensis</i> , <i>Scutellaria lateriflora</i> and <i>Scutellaria racemosa</i> : Genome Size, Antioxidant Potential and Phytochemistry. <i>Planta Medica</i> , 2008, 74, 474-481.	1.3	49
42	Title is missing!. <i>Plant Cell, Tissue and Organ Culture</i> , 2000, 62, 169-173.	2.3	48
43	Melatonin in plant signalling and behaviour. <i>Functional Plant Biology</i> , 2018, 45, 58.	2.1	48
44	An efficient temporary immersion system for micropropagation of hybrid hazelnut. <i>Botany</i> , 2016, 94, 1-8.	1.0	41
45	In vitro Culture and Temporary Immersion Bioreactor Production of <i>Crescentia cujete</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2004, 78, 63-68.	2.3	40
46	Application of 3D printing to prototype and develop novel plant tissue culture systems. <i>Plant Methods</i> , 2017, 13, 6.	4.3	40
47	St. John's wort (<i>Hypericum perforatum</i> L.): Challenges and strategies for production of chemically-consistent plants. <i>Canadian Journal of Plant Science</i> , 2006, 86, 765-771.	0.9	39
48	Induction of high-frequency somatic embryogenesis in geranium (<i>Pelargonium x hortorum</i> Bailey cv) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	8.6	38
49	A Fragrant Solution to Soil Remediation. <i>International Journal of Phytoremediation</i> , 2000, 2, 117-132.	3.1	38
50	In vitro conservation of American elm (<i>Ulmus americana</i>): potential role of auxin metabolism in sustained plant proliferation. <i>Canadian Journal of Forest Research</i> , 2012, 42, 686-697.	1.7	38
51	Thidiazuron-induced morphogenesis of Regal geranium (<i>Pelargonium domesticum</i>): A potential stress response. <i>Physiologia Plantarum</i> , 1997, 101, 183-191.	5.2	37
52	Assessment of genetic stability of the germplasm lines of medicinal plant <i>Scutellaria baicalensis</i> Georgi (Huang-qin) in long-term, in vitro maintained cultures. <i>Plant Cell Reports</i> , 2007, 26, 1345-1355.	5.6	37
53	Identification and characterization of serotonin as an anti-browning compound of apple and pear. <i>Postharvest Biology and Technology</i> , 2015, 110, 183-189.	6.0	36
54	Recent advances in <i>Pelargonium</i> in vitro regeneration systems. <i>Plant Cell, Tissue and Organ Culture</i> , 2001, 67, 1-9.	2.3	35

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55	Title is missing!. Plant Cell, Tissue and Organ Culture, 2003, 75, 143-149.	2.3	35
56	Cadmium and Nickel Uptake and Accumulation in Scented Geranium (Pelargonium sp. 'Frensham'). Water, Air, and Soil Pollution, 2002, 137, 355-364.	2.4	33
57	In vitro conservation and sustained production of breadfruit (Artocarpus altilis, Moraceae): modern technologies for a traditional tropical crop. Die Naturwissenschaften, 2008, 95, 99-107.	1.6	33
58	In vitro propagation of North American ginseng (Panax quinquefolius L.). In Vitro Cellular and Developmental Biology - Plant, 2011, 47, 710-718.	2.1	33
59	Elicitation of secondary metabolism in <i>Echinacea purpurea</i> L. by gibberellic acid and triazoles. Engineering in Life Sciences, 2009, 9, 205-210.	3.6	32
60	Optimized system for biomass production, chemical characterization and evaluation of chemo-preventive properties of <i>Scutellaria baicalensis</i> Georgi. Plant Science, 2004, 167, 439-446.	3.6	31
61	Title is missing!. Plant Cell, Tissue and Organ Culture, 2000, 62, 227-234.	2.3	30
62	Auxin driven indoleamine biosynthesis and the role of tryptophan as an inductive signal in <i>Hypericum perforatum</i> (L.). PLoS ONE, 2019, 14, e0223878.	2.5	30
63	Protection against aflatoxin-B1-induced liver mutagenesis by <i>Scutellaria baicalensis</i> . Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2005, 578, 15-22.	1.0	29
64	Improved Mass Multiplication of <i>Rhodiola crenulata</i> Shoots Using Temporary Immersion Bioreactor with Forced Ventilation. Applied Biochemistry and Biotechnology, 2012, 166, 1480-1490.	2.9	28
65	Somatic embryogenesis and Agrobacterium-mediated transformation system for scented geraniums (<i>Pelargonium x</i>) Tj ETQq1 1 0.784314 rgBT /Over	3.2	27
66	Improved shoot multiplication and development in hybrid hazelnut nodal cultures by ethylenediamine di-2-hydroxy-phenylacetic acid (Fe-EDDHA). Canadian Journal of Plant Science, 2013, 93, 511-521.	0.9	27
67	Thidiazuron-induced somatic embryogenesis in intact seedlings of peanut (<i>Arachis hypogaea</i>): Endogenous growth regulator levels and significance of cotyledons. Physiologia Plantarum, 1995, 94, 268-276.	5.2	26
68	Role of purine metabolism in thidiazuron-induced somatic embryogenesis of geranium (<i>Pelargonium x</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.2	25
69	Variation and Correlation of Properties in Different Grades of Maple Syrup. Plant Foods for Human Nutrition, 2014, 69, 50-56.	3.2	25
70	Melatonin in Plants and Plant Culture Systems: Variability, Stability and Efficient Quantification. Frontiers in Plant Science, 2016, 7, 1721.	3.6	25
71	Melatonin in plant morphogenesis. In Vitro Cellular and Developmental Biology - Plant, 2018, 54, 3-24.	2.1	25
72	Inhibition of phenylpropanoid biosynthesis increases cell wall digestibility, protoplast isolation, and facilitates sustained cell division in American elm (<i>Ulmus americana</i>). BMC Plant Biology, 2012, 12, 75.	3.6	24

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73	Role of purine metabolism in thidiazuron-induced somatic embryogenesis of geranium (<i>Pelargonium x</i>) Tj ETQq1 1 0,784314 rgBT /Overlock 10 Tf 50 302	5.2	28
74	An in vitro and Hydroponic Growing System for Hypericin, Pseudohypericin, and Hyperforin Production of St. John's Wort (<i>Hypericum perforatum</i> CV New Stem). <i>Planta Medica</i> , 2002, 68, 1108-1112.	1.3	23
75	Cichoric acid production from hairy root cultures of <i>Echinacea purpurea</i> grown in a modified airlift bioreactor. <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 1697-1701.	3.2	23
76	Cryopreservation of the critically endangered golden paintbrush (<i>Castilleja levisecta</i> Greenm.): from nature to cryobank to nature. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2018, 54, 69-78.	2.1	23
77	Epigenetic and Genetic Integrity, Metabolic Stability, and Field Performance of Cryopreserved Plants. <i>Plants</i> , 2021, 10, 1889.	3.5	22
78	Genetic diversity in seed populations of <i>Echinacea purpurea</i> controls the capacity for regeneration, route of morphogenesis and phytochemical composition. <i>Plant Cell Reports</i> , 2006, 25, 522-532.	5.6	21
79	Plant Cryopreservation for Biotechnology and Breeding. , 2015, , 63-93.		19
80	Development of cryopreservation methods for cherry birch (<i>Betula lenta</i> L.), an endangered tree species in Canada. <i>Canadian Journal of Forest Research</i> , 2016, 46, 1284-1292.	1.7	19
81	A simple and efficient method for analysis of plant growth regulators: a new tool in the chest to combat recalcitrance in plant tissue culture. <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 131, 459-470.	2.3	19
82	The Morphoregulatory Role of Thidiazuron: Metabolomics-Guided Hypothesis Generation for Mechanisms of Activity. <i>Biomolecules</i> , 2020, 10, 1253.	4.0	19
83	Cryopreservation of potato microtubers: the critical roles of sucrose and desiccation. <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 124, 649-656.	2.3	18
84	Plant signals during beetle (<i>Scolytus multistriatus</i>) feeding in American elm (<i>Ulmus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	2.4	18
85	In vitro propagation of cherry birch (<i>Betula lenta</i> L.). <i>Canadian Journal of Plant Science</i> , 0, , 571-578.	0.9	17
86	Root cryopreservation to biobank medicinal plants: a case study for <i>Hypericum perforatum</i> L.. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2019, 55, 392-402.	2.1	17
87	Serotonin in Plants. , 2019, , 23-46.		17
88	Plant regeneration of an endangered medicinal plant <i>Hydrastis canadensis</i> L.. <i>Scientia Horticulturae</i> , 2007, 113, 82-86.	3.6	16
89	High light intensity stress as the limiting factor in micropropagation of sugar maple (<i>Acer saccharum</i>) Tj ETQq1 1 0,784314 rgBT /Overlock 10 Tf 50 302	2.3	16
90	In Vitro Technology in Plant Conservation: Relevance to Biocultural Diversity. <i>Plants</i> , 2022, 11, 503.	3.5	15

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91	Goldenseal (<i>Hydrastis canadensis</i> L.): In vitro regeneration for germplasm conservation and elimination of heavy metal contamination. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2004, 40, 75-79.	2.1	13
92	Development of a reliable <i>Corylus</i> sp. reference database through the implementation of a DNA fingerprinting test. <i>Planta</i> , 2019, 249, 1863-1874.	3.2	13
93	Root cryobanking: an important tool in plant cryopreservation. <i>Plant Cell, Tissue and Organ Culture</i> , 2021, 144, 49-66.	2.3	13
94	Induction of high-frequency somatic embryogenesis in geranium (<i>Pelargonium x hortorum</i> Bailey cv) Tj ETQq0 0 0,rgBT /Overlock 10 Tf	5.8	13
95	<i>In vitro</i> conservation and propagation of medicinal plants. <i>Biodiversity</i> , 2004, 5, 19-24.	1.1	12
96	Improved in vitro rooting in liquid culture using a two piece scaffold system. <i>Engineering in Life Sciences</i> , 2020, 20, 126-132.	3.6	12
97	Morphoregulatory role of thidiazuron: morphogenesis of root outgrowths in thidiazuron-treated geranium (<i>Pelargonium x hortorum</i> Bailey). <i>Plant Cell Reports</i> , 1995, 15, 205-211.	5.6	11
98	Saving threatened plant species: Reintroduction of Hill's thistle (<i>Cirsium hillii</i> . (Canby) Fernald) to its natural habitat. <i>PLoS ONE</i> , 2020, 15, e0231741.	2.5	11
99	Transcriptomics of Improved Fruit Retention by Hexanal in "Honeycrisp" Reveals Hormonal Crosstalk and Reduced Cell Wall Degradation in the Fruit Abscission Zone. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8830.	4.1	11
100	Galanthamine, an anti-cholinesterase drug, effects plant growth and development in <i>Artemisia tridentata</i> Nutt. via modulation of auxin and neurotransmitter signaling. <i>Plant Signaling and Behavior</i> , 2014, 9, e28645.	2.4	10
101	Evaluation of ploidy variations in <i>Hypericum perforatum</i> L. (St. John's wort) germplasm from seeds, in vitro germplasm collection, and regenerants from floral cultures. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2015, 51, 452-462.	2.1	10
102	In Vitro and Cryobiotechnology Approaches to Safeguard <i>Lupinus rivularis</i> Douglas ex Lindl., an Endangered Plant in Canada. <i>Agronomy</i> , 2021, 11, 37.	3.0	10
103	Iron supplementation promotes in vitro shoot induction and multiplication of <i>Baptisia australis</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 129, 145-152.	2.3	9
104	Conservation, propagation, and redistribution (CPR) of Hill's thistle: paradigm for plant species at risk. <i>Plant Cell, Tissue and Organ Culture</i> , 2021, 145, 75-88.	2.3	9
105	Micropropagation of <i>Primulina dryas</i> (Dunn) Mich. M. Müller & A. Webber: High frequency regeneration from leaf explants. <i>Scientia Horticulturae</i> , 2015, 192, 250-255.	3.6	8
106	In vitro rooting of hybrid hazelnuts (<i>Corylus avellana</i> L. × <i>Corylus americana</i>) in a temporary immersion system. <i>Botany</i> , 2020, 98, 343-352.	1.0	8
107	Cryopreservation of <i>Prunus padus</i> seeds: emphasising the significance of Bayesian methods for data analysis. <i>Canadian Journal of Forest Research</i> , 2016, 46, 766-774.	1.7	7
108	Thidiazuron: Modulator of Morphogenesis In Vitro. , 2018, , 1-36.		7

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109	Metabolomics and hormonomics to crack the code of filbert growth. <i>Metabolomics</i> , 2020, 16, 62.	3.0	7
110	Deciphering the Genome-Wide Transcriptomic Changes during Interactions of Resistant and Susceptible Genotypes of American Elm with <i>Ophiostoma novo-ulmi</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 697.	10.7	107
111	Development of an efficient protocol for high frequency in vitro regeneration of a horticultural plant <i>Primulina tamiana</i> (B.L. Burtt) Mich. Muller & A. Webber. <i>Canadian Journal of Plant Science</i> , 2014, 94, 1281-1287.	0.9	6
112	Growth regulating properties of isoprene and isoprenoid-based essential oils. <i>Plant Cell Reports</i> , 2016, 35, 91-102.	5.6	6
113	Physiological and Molecular Responses of Six Apple Rootstocks to Osmotic Stress. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8263.	4.1	6
114	NaCl enhances growth and morphogenesis potential of <i>Alhagi graecorum</i> . <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2006, 42, 607-613.	2.1	5
115	In vitro propagation and reintroduction of golden paintbrush (<i>Castilleja levisecta</i>), a critically imperilled plant species. <i>Canadian Journal of Plant Science</i> , 2018, 98, 762-770.	0.9	5
116	Indoleamines and phenylpropanoids modify development in the bryophyte <i>Plagiomnium cuspidatum</i> (Hedw.) T.J. Kop. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2018, 54, 454-464.	2.1	5
117	Role of water percolation in reproductive physiology of hazelnut (<i>Corylus</i> spp.). <i>Environmental and Experimental Botany</i> , 2021, 182, 104278.	4.2	5
118	Selection and Micropropagation of an Elite Melatonin Rich Tulsi (<i>Ocimum sanctum</i> L.) Germplasm Line. <i>Agronomy</i> , 2021, 11, 207.	3.0	5
119	Production of Medicinal Plant Species in Sterile, Controlled Environments. , 2000, , 160-165.		5
120	Thidiazuron-induced morphogenesis of Regal geranium (<i>Pelargonium domesticum</i>): A potential stress response. <i>Physiologia Plantarum</i> , 1997, 101, 183-191.	5.2	5
121	Micropropagation and Cryopreservation of Yukon Draba (<i>Draba yukonensis</i>), a Special Concern Plant Species Endemic to Yukon Territory, Canada. <i>Plants</i> , 2021, 10, 2093.	3.5	5
122	In Vitro Technologies for American Chestnut (<i>Castanea dentata</i> (Marshall) Borkh) Conservation. <i>Plants</i> , 2022, 11, 464.	3.5	5
123	Comparative Analysis of Transcriptomes of <i>Ophiostoma novo-ulmi</i> ssp. <i>americana</i> Colonizing Resistant or Sensitive Genotypes of American Elm. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 637.	3.5	5
124	The Rhizofiltration of Sodium from Hydroponic Fluid using Scented Geraniums. <i>Water, Air, and Soil Pollution</i> , 2002, 140, 343-365.	2.4	4
125	Approaches to Quality Plant Based Medicine: Significance of Chemical Profiling. , 2007, , 311-330.		4
126	Investigating the roles of phenylpropanoids in the growth and development of <i>Zea mays</i> L.. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2013, 49, 765-772.	2.1	4

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127	Rootstocks Overexpressing StNPR1 and StDREB1 Improve Osmotic Stress Tolerance of Wild-Type Scion in Transgrafted Tobacco Plants. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8398.	4.1	4
128	Preharvest Spray Hexanal Formulation Enhances Postharvest Quality in "Honeycrisp"™ Apples by Regulating Phospholipase D and Calcium Sensor Proteins Genes. <i>Plants</i> , 2021, 10, 2332.	3.5	4
129	Improved Conservation of Coffee (<i>Coffea arabica</i> L.) Germplasm via Micropropagation and Cryopreservation. <i>Agronomy</i> , 2021, 11, 1861.	3.0	3
130	Optimized St. John's Wort (<i>Hypericum perforatum</i> L.) Germplasm Lines Exert Cytotoxicity in HT-29 Colon Cancer Cells via Downregulation of NF- κ B. <i>Journal of Complementary and Integrative Medicine</i> , 2010, 7, .	0.9	2
131	Melatonin Rich Plants: Production, Significance in Agriculture and Human Health. , 2014, , 445-468.		2
132	2004 SIVB Congress Symposium Proceedings "Thinking Outside the Cell" In Vitro Cellular and Developmental Biology - Plant, 2005, 41, 201-201.	2.1	0
133	A Technique For Predicting How To Better Grow Rare, Endangered, And Recalcitrant Plants. , 2018, , .		0
134	Mammalian Neurotransmitter Are Important Signals Mediating Plant Morphogenesis. , 2019, , 411-449.		0