

# Kee-Yoeup Paek

## List of Publications by Year in descending order

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169  
papers

8,312  
citations

38742

50  
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58581

82  
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173  
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173  
docs citations

173  
times ranked

5560  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of growth and some unexplored bioactivities of bioreactor grown adventitious root culture of ginseng ( <i>Panax ginseng</i> C.A. Meyer). <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 2046-2060.	3.1	1
2	Attributes of <i>Polygonum multiflorum</i> to transfigure red biotechnology. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 3317-3326.	3.6	13
3	Low dose gamma radiation increases the biomass and ginsenoside content of callus and adventitious root cultures of wild ginseng ( <i>Panax ginseng</i> Mayer). <i>Industrial Crops and Products</i> , 2019, 130, 16-24.	5.2	13
4	Ginsenoside accumulation profiles in long- and short-term cell suspension and adventitious root cultures in <i>Panax ginseng</i> . <i>Horticulture Environment and Biotechnology</i> , 2019, 60, 125-134.	2.1	27
5	Biotic elicitation of ginsenoside metabolism of mutant adventitious root culture in <i>Panax ginseng</i> . <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 1687-1697.	3.6	26
6	The effect of light quality on growth and endopolyploidy occurrence of in vitro-grown <i>Phalaenopsis</i> 'Spring Dancer'™. <i>Horticulture Environment and Biotechnology</i> , 2018, 59, 179-188.	2.1	4
7	Improvement of biosynthesis and accumulation of bioactive compounds by elicitation in adventitious root cultures of <i>Polygonum multiflorum</i> . <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 199-209.	3.6	62
8	Cell culture system versus adventitious root culture system in Asian and American ginseng: a collation. <i>Plant Cell, Tissue and Organ Culture</i> , 2018, 132, 295-302.	2.3	5
9	Quality, safety and efficacy profiling of ginseng adventitious roots produced in vitro. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 7309-7317.	3.6	34
10	Breeding of <i>Garcinia</i> spp., 2018, , 773-809.		8
11	<i>Plant Cell and Organ Culture as an Alternative for the Production of Anticancer Compounds.</i> , 2018, , 429-464.		2
12	Optimization of Extraction Condition of Methyl Jasmonate-treated Wild Ginseng Adventitious Root Cultures using Response Surface Methodology. <i>Natural Product Sciences</i> , 2018, 24, 103.	0.9	4
13	Endoreduplication and gene expression in somaclonal variants of clonally propagated <i>Phalaenopsis</i> 'Wedding Promenade'™. <i>Horticulture Environment and Biotechnology</i> , 2017, 58, 85-92.	2.1	3
14	Adventitious root culture of <i>Polygonum multiflorum</i> for phenolic compounds and its pilot-scale production in 500L-tank. <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 130, 167-181.	2.3	39
15	Establishment of embryogenic cultures and determination of their bioactive properties in <i>Rosa rugosa</i> . <i>Horticulture Environment and Biotechnology</i> , 2016, 57, 291-298.	2.1	9
16	<i>Panax ginseng</i> Adventitious Root Suspension Culture: Protocol for Biomass Production and Analysis of Ginsenosides by High Pressure Liquid Chromatography. <i>Methods in Molecular Biology</i> , 2016, 1391, 125-139.	0.9	7
17	Endoreduplication level affects flower size and development by increasing cell size in <i>Phalaenopsis</i> and <i>Doritaenopsis</i> . <i>Acta Physiologiae Plantarum</i> , 2016, 38, 1.	2.1	5
18	In vitro rooting of leguminous plants: Difficulties, alternatives, and strategies for improvement. <i>Horticulture Environment and Biotechnology</i> , 2016, 57, 311-322.	2.1	17

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19	Tools for biotechnological production of useful phytochemicals from adventitious root cultures. <i>Phytochemistry Reviews</i> , 2016, 15, 129-145.	6.5	65
20	Highly endoreduplicated floral organs of somaclonal variants in clonally propagated <i>Phalaenopsis</i> "Spring Dancer"™. <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 126, 67-77.	2.3	9
21	Production of biomass and bioactive compounds from shoot cultures of <i>Rosa rugosa</i> using a bioreactor culture system. <i>Horticulture Environment and Biotechnology</i> , 2016, 57, 79-87.	2.1	21
22	An efficient strategy for enhancement of bioactive compounds by protocorm-like body culture of <i>Dendrobium candidum</i> . <i>Industrial Crops and Products</i> , 2016, 84, 121-130.	5.2	30
23	Optimization of shoot cultures and bioactive compound accumulation in <i>Rosa rugosa</i> during acclimatization. <i>Journal of Plant Biotechnology</i> , 2016, 43, 104-109.	0.4	2
24	Effects of altering medium strength and sucrose concentration on <i>in vitro</i> germination and seedling growth of <i>Cypripedium macranthos</i> Sw.. <i>Journal of Plant Biotechnology</i> , 2016, 43, 132-137.	0.4	21
25	Improvement of asymbiotic seed germination and seedling development of <i>Cypripedium macranthos</i> Sw. with organic additives. <i>Journal of Plant Biotechnology</i> , 2016, 43, 138-145.	0.4	17
26	Anti-inflammatory potential of saponins derived from cultured wild ginseng roots in lipopolysaccharide-stimulated RAW 264.7 macrophages. <i>International Journal of Molecular Medicine</i> , 2015, 35, 1690-1698.	4.0	22
27	The safety assessment of food ingredients derived from plant cell, tissue and organ cultures: A review. <i>Food Chemistry</i> , 2015, 176, 426-432.	8.2	42
28	Osmotic stress and strong 2,4-D shock stimulate somatic-to-embryogenic transition in <i>Kalopanax septemlobus</i> (Thunb.) Koidz. <i>Acta Physiologiae Plantarum</i> , 2015, 37, 1.	2.1	12
29	Micropropagation of <i>Cattleya</i> : Improved <i>in vitro</i> rooting and acclimatization. <i>Horticulture Environment and Biotechnology</i> , 2015, 56, 89-93.	2.1	17
30	Establishment of protocorm suspension cultures of <i>Dendrobium candidum</i> for the production of bioactive compounds. <i>Horticulture Environment and Biotechnology</i> , 2015, 56, 114-122.	2.1	17
31	Airlift bioreactor system and nitrogen sources for biomass and antioxidant compound production from <i>in vitro</i> culture of <i>Vitis flexuosa</i> plantlets. <i>Horticulture Environment and Biotechnology</i> , 2015, 56, 358-365.	2.1	8
32	Production of biomass and bioactive compounds from adventitious roots by optimization of culturing conditions of <i>Eurycoma longifolia</i> in balloon-type bubble bioreactor system. <i>Journal of Bioscience and Bioengineering</i> , 2015, 119, 712-717.	2.2	40
33	Studies on the glyphosate-induced amino acid starvation and addition of precursors on caffeic acid accumulation and profiles in adventitious roots of <i>Echinacea purpurea</i> (L.) Moench. <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 120, 291-301.	2.3	26
34	Enhancement strategies of bioactive compound production in adventitious root cultures of <i>Eleutherococcus koreanum</i> Nakai subjected to methyl jasmonate and salicylic acid elicitation through airlift bioreactors. <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 120, 1-10.	2.3	60
35	Production of biomass and bioactive compounds from adventitious root cultures of <i>Polygonum multiflorum</i> using air-lift bioreactors. <i>Journal of Plant Biotechnology</i> , 2015, 42, 34-42.	0.4	12
36	Biosafety and Toxicological Evaluation of Tissue-Cultured <i>Echinacea purpurea</i> Adventitious Roots. <i>Horticultural Science and Technology</i> , 2015, 33, 124-132.	0.6	1

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37	Production of Biomass and Bioactive Compounds from Cell Suspension Cultures of <i>Eurycoma longifolia</i> in Balloon Type Bubble Bioreactors. <i>Horticultural Science and Technology</i> , 2015, 33, 251-258.	0.6	1
38	Comparison of conventional and ultrasound-assisted methods for extraction of nutraceutical compounds from <i>Dendrobium candidum</i> . <i>CYTA - Journal of Food</i> , 2014, 12, 355-359.	1.9	15
39	Hepatoprotective activity of ginsenosides from <i>Panax ginseng</i> adventitious roots against carbon tetrachloride treated hepatic injury in rats. <i>Journal of Ethnopharmacology</i> , 2014, 158, 442-446.	4.1	41
40	Biochemical and Physiological Aspects of Hyperhydricity in Liquid Culture System. , 2014, , 693-709.		10
41	Production of Bioactive Compounds from Somatic Embryo Suspension Cultures of Siberian Ginseng in Bioreactors. , 2014, , 317-335.		3
42	Production of secondary metabolites from cell and organ cultures: strategies and approaches for biomass improvement and metabolite accumulation. <i>Plant Cell, Tissue and Organ Culture</i> , 2014, 118, 1-16.	2.3	468
43	Efficacy of ginseng adventitious root extract on hyperglycemia in streptozotocin-induced diabetic rats. <i>Journal of Ethnopharmacology</i> , 2014, 153, 917-921.	4.1	35
44	Production of biomass and bioactive compounds in protocorm cultures of <i>Dendrobium candidum</i> Wall ex Lindl. using balloon type bubble bioreactors. <i>Industrial Crops and Products</i> , 2014, 53, 28-33.	5.2	38
45	Physiological and biochemical changes during acclimatization in a <i>Doritaenopsis</i> hybrid cultivated in different microenvironments in vitro. <i>Environmental and Experimental Botany</i> , 2014, 100, 26-33.	4.2	21
46	Hypericins: biotechnological production from cell and organ cultures. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 9187-9198.	3.6	47
47	Optimization of ginseng cell culture in airlift bioreactors and developing the large-scale production system. <i>Industrial Crops and Products</i> , 2014, 60, 343-348.	5.2	32
48	Pilot-Scale Culture of <i>Hypericum Perforatum</i> L. Adventitious Roots in Airlift Bioreactors for the Production of Bioactive Compounds. <i>Applied Biochemistry and Biotechnology</i> , 2014, 174, 784-792.	2.9	33
49	Biotechnological production of eleutherosides: current state and perspectives. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 7319-7329.	3.6	19
50	Biotechnological production of caffeic acid derivatives from cell and organ cultures of <i>Echinacea</i> species. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 7707-7717.	3.6	46
51	Ginsenosides: prospective for sustainable biotechnological production. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 6243-6254.	3.6	88
52	Pilot-scale culture of somatic embryos of <i>Eleutherococcus senticosus</i> in airlift bioreactors for the production of eleutherosides. <i>Biotechnology Letters</i> , 2014, 36, 1727-1733.	2.2	20
53	Protocorm culture of <i>Dendrobium candidum</i> in balloon type bubble bioreactors. <i>Biochemical Engineering Journal</i> , 2014, 88, 26-29.	3.6	15
54	Production of Adventitious Root Biomass and Bioactive Compounds from <i>Hypericum perforatum</i> L. Through Large Scale Bioreactor Cultures. , 2014, , 251-283.		4

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55	Bioreactor Culture of Shoots and Somatic Embryos of Medicinal Plants for Production of Bioactive Compounds. , 2014, , 337-368.		15
56	Role of Nitric Oxide in Adventitious Root Development. , 2014, , 429-443.		1
57	Strategies for Enhanced Production of Plant Secondary Metabolites from Cell and Organ Cultures. , 2014, , 471-508.		27
58	Production of Ginsenosides from Adventitious Root Cultures of <i>Panax ginseng</i> . , 2014, , 625-651.		12
59	Ginseng Cell Culture for Production of Ginsenosides. , 2014, , 121-142.		8
60	Production of Caffeic Acid Derivatives from Adventitious Root Cultures of <i>Echinacea purpurea</i> (L.) Moench. , 2014, , 167-184.		3
61	Adventitious Root Culture of <i>Morinda citrifolia</i> in Bioreactors for Production of Bioactive Compounds. , 2014, , 185-222.		9
62	Isolation of xanthenes from adventitious roots of St. John's Wort ( <i>Hypericum perforatum</i> L.) and their antioxidant and cytotoxic activities. <i>Food Science and Biotechnology</i> , 2013, 22, 945-949.	2.6	15
63	Production of biomass and bioactive compounds by adventitious root suspension cultures of <i>Morinda citrifolia</i> (L.) in a liquid-phase airlift balloon-type bioreactor. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2013, 49, 737-749.	2.1	33
64	Scale-up of adventitious root cultures of <i>Echinacea angustifolia</i> in a pilot-scale bioreactor for the production of biomass and caffeic acid derivatives. <i>Plant Biotechnology Reports</i> , 2013, 7, 297-308.	1.5	63
65	Sugar metabolism, photosynthesis, and growth of in vitro plantlets of <i>Doritaenopsis</i> under controlled microenvironmental conditions. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2013, 49, 445-454.	2.1	29
66	NF- $\kappa$ B Inhibition and PPAR Activation by Phenolic Compounds from <i>Hypericum perforatum</i> L. Adventitious Root. <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 1407-1413.	1.9	11
67	Production of biomass and useful compounds from adventitious roots of high-value added medicinal plants using bioreactor. <i>Biotechnology Advances</i> , 2012, 30, 1255-1267.	11.7	160
68	Isolation and characterization of the FVE gene of a <i>Doritaenopsis</i> hybrid involved in the regulation of flowering. <i>Plant Growth Regulation</i> , 2012, 68, 77-86.	3.4	21
69	Cloning and characterization of a <i>Doritaenopsis</i> hybrid PRP39 gene involved in flowering time. <i>Plant Cell, Tissue and Organ Culture</i> , 2012, 110, 347-357.	2.3	4
70	A strategy for enrichment of the bioactive sphingoid base-1-phosphates produced by <i>Hypericum perforatum</i> L. in a balloon type airlift reactor. <i>Bioresource Technology</i> , 2012, 123, 284-289.	9.6	5
71	Effect of nitrogen source on biomass and bioactive compound production in submerged cultures of <i>Eleutherococcus koreanum</i> nakai adventitious roots. <i>Biotechnology Progress</i> , 2012, 28, 508-514.	2.6	25
72	The Cold Awakening of <i>Doritaenopsis</i> "Tinny Tender" Orchid Flowers: The Role of Leaves in Cold-induced Bud Dormancy Release. <i>Journal of Plant Growth Regulation</i> , 2012, 31, 139-155.	5.1	21

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73	Enhanced productivity of biomass and bioactive compounds through bioreactor cultures of <i>Eleutherococcus koreanum</i> Nakai adventitious roots affected by medium salt strength. <i>Industrial Crops and Products</i> , 2012, 36, 460-465.	5.2	31
74	Sucrose regulated enhanced induction of anthraquinone, phenolics, flavonoids biosynthesis and activities of antioxidant enzymes in adventitious root suspension cultures of <i>Morinda citrifolia</i> (L.). <i>Acta Physiologiae Plantarum</i> , 2012, 34, 405-415.	2.1	75
75	Micropropagation of <i>Phalaenopsis</i> Orchids via Protocorms and Protocorm-Like Bodies. <i>Methods in Molecular Biology</i> , 2011, 710, 293-306.	0.9	28
76	Production of adventitious root biomass and secondary metabolites of <i>Hypericum perforatum</i> L. in a balloon type airlift reactor. <i>Bioresource Technology</i> , 2011, 102, 10072-10079.	9.6	63
77	Genotypic variation and aging effects on the embryogenic capability of <i>Kalopanax septemlobus</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2011, 105, 265-270.	2.3	24
78	Salicylic Acid-induced Nitric Oxide and ROS Generation Stimulate Ginsenoside Accumulation in <i>Panax ginseng</i> Roots. <i>Journal of Plant Growth Regulation</i> , 2011, 30, 396-404.	5.1	47
79	Detection of transgene in early developmental stage by GFP monitoring enhances the efficiency of genetic transformation of pepper. <i>Plant Biotechnology Reports</i> , 2011, 5, 157-167.	1.5	13
80	Influence of inoculum density and aeration volume on biomass and bioactive compound production in bulb-type bubble bioreactor cultures of <i>Eleutherococcus koreanum</i> Nakai. <i>Bioresource Technology</i> , 2011, 102, 7165-7170.	9.6	30
81	Medium salt strength induced changes in growth, physiology and secondary metabolite content in adventitious roots of <i>Morinda citrifolia</i> : the role of antioxidant enzymes and phenylalanine ammonia lyase. <i>Plant Cell Reports</i> , 2010, 29, 685-694.	5.6	82
82	Growth, secondary metabolite production and antioxidant enzyme response of <i>Morinda citrifolia</i> adventitious root as affected by auxin and cytokinin. <i>Plant Biotechnology Reports</i> , 2010, 4, 109-116.	1.5	60
83	Endoreduplication in <i>Phalaenopsis</i> is affected by light quality from light-emitting diodes during somatic embryogenesis. <i>Plant Biotechnology Reports</i> , 2010, 4, 303-309.	1.5	32
84	Induction mechanism of adventitious root from leaf explants of <i>Morinda citrifolia</i> as affected by auxin and light quality. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2010, 46, 71-80.	2.1	69
85	Adventitious root suspension cultures of <i>Hypericum perforatum</i> : effect of nitrogen source on production of biomass and secondary metabolites. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2010, 46, 437-444.	2.1	45
86	Sucrose-induced osmotic stress affects biomass, metabolite, and antioxidant levels in root suspension cultures of <i>Hypericum perforatum</i> L.. <i>Plant Cell, Tissue and Organ Culture</i> , 2010, 103, 7-14.	2.3	146
87	Production of adventitious roots and secondary metabolites by <i>Hypericum perforatum</i> L. in a bioreactor. <i>Bioresource Technology</i> , 2010, 101, 4708-4716.	9.6	166
88	Cryopreservation of coriander ( <i>Coriandrum sativum</i> L.) somatic embryos using sucrose preculture and air desiccation. <i>Scientia Horticulturae</i> , 2010, 124, 522-528.	3.6	16
89	Impact of in vitro CO <sub>2</sub> enrichment and sugar deprivation on acclimatory responses of <i>Phalaenopsis</i> plantlets to ex vitro conditions. <i>Environmental and Experimental Botany</i> , 2009, 65, 183-188.	4.2	20
90	In vitro sucrose concentration affects growth and acclimatization of <i>Alocasia amazonica</i> plantlets. <i>Plant Cell, Tissue and Organ Culture</i> , 2009, 96, 307-315.	2.3	65

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91	A simple method for cryopreservation of Ginkgo biloba callus. <i>Plant Cell, Tissue and Organ Culture</i> , 2009, 97, 337-343.	2.3	27
92	Application of an airlift bioreactor system for the production of adventitious root biomass and caffeic acid derivatives of <i>Echinacea purpurea</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2009, 14, 91-98.	2.6	76
93	Cryopreservation of <i>Panax ginseng</i> Adventitious Roots. <i>Journal of Plant Biology</i> , 2009, 52, 348-354.	2.1	19
94	FISH and GISH analysis of the genomic relationships among <i>Panax</i> species. <i>Genes and Genomics</i> , 2009, 31, 99-105.	1.4	14
95	Nitric oxide retards xanthine oxidase-mediated superoxide anion generation in <i>Phalaenopsis</i> flower: an implication of NO in the senescence and oxidative stress regulation. <i>Plant Cell Reports</i> , 2009, 28, 267-279.	5.6	34
96	Transgenic peppers that are highly tolerant to a new CMV pathotype. <i>Plant Cell Reports</i> , 2009, 28, 223-232.	5.6	53
97	Effects of tissue-cultured mountain ginseng ( <i>Panax ginseng</i> CA Meyer) extract on male patients with erectile dysfunction. <i>Asian Journal of Andrology</i> , 2009, 11, 356-361.	1.6	56
98	Linoleic and $\gamma$ -linolenic fatty acids affect biomass and secondary metabolite production and nutritive properties of <i>Panax ginseng</i> adventitious roots cultured in bioreactors. <i>Biochemical Engineering Journal</i> , 2009, 47, 109-115.	3.6	31
99	Establishment of Adventitious Root Cultures of <i>Echinacea purpurea</i> for the Production of Caffeic Acid Derivatives. <i>Methods in Molecular Biology</i> , 2009, 547, 3-16.	0.9	10
100	Kinetics of nutrient utilization and photosynthetic enzyme activities during floral versus vegetative differentiation of <i>Spathiphyllum</i> in air-lift bioreactor cultures. <i>Plant Growth Regulation</i> , 2008, 54, 157-164.	3.4	2
101	Aeration volume and photosynthetic photon flux affect cell growth and secondary metabolite contents in bioreactor cultures of <i>Morinda citrifolia</i> . <i>Journal of Plant Biology</i> , 2008, 51, 209-212.	2.1	39
102	Function of nitric oxide and superoxide anion in the adventitious root development and antioxidant defence in <i>Panax ginseng</i> . <i>Plant Cell Reports</i> , 2008, 27, 563-573.	5.6	80
103	Involvement of nitric oxide-induced NADPH oxidase in adventitious root growth and antioxidant defense in <i>Panax ginseng</i> . <i>Plant Biotechnology Reports</i> , 2008, 2, 113-122.	1.5	47
104	Effect of photoperiod and light intensity on in vitro propagation of <i>Alocasia amazonica</i> . <i>Plant Biotechnology Reports</i> , 2008, 2, 207-212.	1.5	25
105	The effect of light quality on the growth and development of in vitro cultured <i>Doritaenopsis</i> plants. <i>Acta Physiologiae Plantarum</i> , 2008, 30, 339-343.	2.1	172
106	Establishment of adventitious root co-culture of Ginseng and <i>Echinacea</i> for the production of secondary metabolites. <i>Acta Physiologiae Plantarum</i> , 2008, 30, 891-896.	2.1	35
107	Increased eleutheroside production in <i>Eleutherococcus sessiliflorus</i> embryogenic suspension cultures with methyl jasmonate treatment. <i>Biochemical Engineering Journal</i> , 2008, 38, 270-273.	3.6	28
108	Effect of carbon dioxide on antioxidant enzymes and ginsenoside production in root suspension cultures of <i>Panax ginseng</i> . <i>Environmental and Experimental Botany</i> , 2008, 63, 297-304.	4.2	14

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109	Copper toxicity in <i>Withania somnifera</i> : Growth and antioxidant enzymes responses of in vitro grown plants. <i>Environmental and Experimental Botany</i> , 2008, 64, 279-285.	4.2	150
110	Effect of processing methods on the concentrations of bioactive components of ginseng ( <i>Panax Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7</i> )	5.2	21
111	Improved production of ginsenosides in suspension cultures of ginseng by medium replenishment strategy. <i>Journal of Bioscience and Bioengineering</i> , 2008, 105, 288-291.	2.2	41
112	Adventitious Roots and Secondary Metabolism. <i>Shengwu Gongcheng Xuebao/Chinese Journal of Biotechnology</i> , 2008, 24, 711-716.	0.2	106
113	Analysis of genetic diversity among Indian niger [ <i>Guizotia abyssinica</i> (L. f.) Cass.] cultivars based on randomly amplified polymorphic DNA markers. <i>Electronic Journal of Biotechnology</i> , 2008, 11, 0-0.	2.2	4
114	Methyl Jasmonate and Salicylic Acid Induced Oxidative Stress and Accumulation of Phenolics in <i>Panax ginseng</i> Bioreactor Root Suspension Cultures. <i>Molecules</i> , 2007, 12, 607-621.	3.8	148
115	Enhanced production of caffeic acid, chlorogenic acid and cichoric acid in suspension cultures of <i>Echinacea purpurea</i> by the manipulation of incubation temperature and photoperiod. <i>Biochemical Engineering Journal</i> , 2007, 36, 301-303.	3.6	47
116	Parameters affecting the extraction of ginsenosides from the adventitious roots of ginseng ( <i>Panax Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7</i> )	7.9	90
117	Improved production of caffeic acid derivatives in suspension cultures of <i>Echinacea purpurea</i> by medium replenishment strategy. <i>Archives of Pharmacal Research</i> , 2007, 30, 945-949.	6.3	54
118	Nitric Oxide Elicitation Induces the Accumulation of Secondary Metabolites and Antioxidant Defense in Adventitious Roots of <i>Echinacea purpurea</i> . <i>Journal of Plant Biology</i> , 2007, 50, 636-643.	2.1	53
119	Modulation of copper toxicity-induced oxidative damage by nitric oxide supply in the adventitious roots of <i>Panax ginseng</i> . <i>Plant Cell Reports</i> , 2007, 27, 171-181.	5.6	77
120	Enhanced tolerance of transgenic sweetpotato plants that express both CuZnSOD and APX in chloroplasts to methyl viologen-mediated oxidative stress and chilling. <i>Molecular Breeding</i> , 2007, 19, 227-239.	2.1	101
121	Photon flux density and light quality induce changes in growth, stomatal development, photosynthesis and transpiration of <i>Withania Somnifera</i> (L.) Dunal. plantlets. <i>Plant Cell, Tissue and Organ Culture</i> , 2007, 90, 141-151.	2.3	138
122	Influence of GA3, sucrose and solid medium/bioreactor culture on in vitro flowering of <i>Spathiphyllum</i> and association of glutathione metabolism. <i>Plant Cell, Tissue and Organ Culture</i> , 2007, 90, 225-235.	2.3	16
123	Large-scale cultivation of adventitious roots of <i>Echinacea purpurea</i> in airlift bioreactors for the production of chichoric acid, chlorogenic acid and caffeic acid. <i>Biotechnology Letters</i> , 2007, 29, 1179-1182.	2.2	89
124	Combined effects of phytohormone, indole-3-butyric acid, and methyl jasmonate on root growth and ginsenoside production in adventitious root cultures of <i>Panax ginseng</i> C.A. Meyer. <i>Biotechnology Letters</i> , 2007, 29, 1789-1792.	2.2	62
125	Methyl jasmonate induced overproduction of eleutherosides in somatic embryos of <i>Eleutherococcus senticosus</i> cultured in bioreactors. <i>Electronic Journal of Biotechnology</i> , 2007, 10, 0-0.	2.2	21
126	Effect of oxygen supply on cell growth and saponin production in bioreactor cultures of <i>Panax ginseng</i> . <i>Journal of Plant Physiology</i> , 2006, 163, 1337-1341.	3.5	48



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127	Drought effect on electrophoretic protein pattern of <i>Anoectochilus formosanus</i> . <i>Scientia Horticulturae</i> , 2006, 107, 205-209.	3.6	12
128	Phenolics metabolism and lignin synthesis in root suspension cultures of <i>Panax ginseng</i> in response to copper stress. <i>Plant Science</i> , 2006, 171, 147-154.	3.6	187
129	Antioxidative responses of <i>Echinacea angustifolia</i> cultured roots to different levels of CO <sub>2</sub> in bioreactor liquid cultures. <i>Enzyme and Microbial Technology</i> , 2006, 39, 982-990.	3.2	10
130	Effects of oxygen, carbon dioxide and ethylene on growth and bioactive compound production in bioreactor culture of ginseng adventitious roots. <i>Biochemical Engineering Journal</i> , 2006, 27, 252-263.	3.6	90
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#	ARTICLE	IF	CITATIONS
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