

Jian-Jiang Zhong

List of Publications by Year in descending order

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271
papers

11,192
citations

26630

56
h-index

51608

86
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295
all docs

295
docs citations

295
times ranked

8253
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosynthesis of a novel ganoderic acid by expressing CYP genes from <i>Ganoderma lucidum</i> in <i>Saccharomyces cerevisiae</i> . <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 523-534.	3.6	10
2	Impact of oxygen supply on production of terpenoids by microorganisms: State of the art. <i>Chinese Journal of Chemical Engineering</i> , 2021, 30, 46-53.	3.5	5
3	Flocculation of <i>Chlorella vulgaris</i> with alum and pH adjustment. <i>Biotechnology and Applied Biochemistry</i> , 2021, , .	3.1	4
4	Impact of oxygen supply on production of a novel ganoderic acid in <i>Saccharomyces cerevisiae</i> fermentation. <i>Process Biochemistry</i> , 2021, 106, 176-183.	3.7	5
5	CRISPR-Cas9 assisted functional gene editing in the mushroom <i>Ganoderma lucidum</i> . <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 1661-1671.	3.6	58
6	Role of calcineurin-responsive transcription factor CRZ1 in ganoderic acid biosynthesis by <i>Ganoderma lucidum</i> . <i>Process Biochemistry</i> , 2020, 95, 166-173.	3.7	13
7	Bioconversion of a ganoderic acid 3-hydroxy-lanosta-8,24-dien-26-oic acid by a crude enzyme from <i>Ganoderma lucidum</i> . <i>Process Biochemistry</i> , 2020, 95, 12-16.	3.7	5
8	Effect of furfural addition on validamycin-A production in fermentation of <i>Streptomyces hygroscopicus</i> 5008. <i>Process Biochemistry</i> , 2020, 92, 43-48.	3.7	4
9	Effects of hyaluronic acid on differentiation of human amniotic epithelial cells and cell-replacement therapy in type 1 diabetic mice. <i>Experimental Cell Research</i> , 2019, 384, 111642.	2.6	12
10	Design and synthesis of novel dual-cyclic RGD peptides for $\alpha_5\beta_1$ integrin targeting. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 896-900.	2.2	17
11	Biosynthesis of a ganoderic acid in <i>Saccharomyces cerevisiae</i> by expressing a cytochrome P450 gene from <i>Ganoderma lucidum</i> . <i>Biotechnology and Bioengineering</i> , 2018, 115, 1842-1854.	3.3	51
12	Nano-spectroscopic imaging of proteins with near-field scanning optical microscopy (NSOM). <i>Current Opinion in Biotechnology</i> , 2018, 54, 106-113.	6.6	15
13	Enzymatic On-Resin Peptide Cleavage and in Situ Cyclization One-Pot Strategy for the Synthesis of Cyclopeptide and Cyclotide. <i>Journal of Organic Chemistry</i> , 2018, 83, 14078-14083.	3.2	12
14	Advances in bio-based production of dicarboxylic acids longer than C4. <i>Engineering in Life Sciences</i> , 2018, 18, 668-681.	3.6	11
15	Rational approach to improve ansamitocin β production by integrating pathway engineering and substrate feeding in <i>Actinosynnema pretiosum</i> . <i>Biotechnology and Bioengineering</i> , 2018, 115, 2456-2466.	3.3	13
16	Improving bioconversion of eugenol to coniferyl alcohol by in situ eliminating harmful H ₂ O ₂ . <i>Bioresource Technology</i> , 2018, 267, 578-583.	9.6	13
17	CRISPR-Cas9 assisted gene disruption in the higher fungus <i>Ganoderma</i> species. <i>Process Biochemistry</i> , 2017, 56, 57-61.	3.7	82
18	Engineering of an H ₂ O ₂ auto-scavenging in vivo cascade for pinoresinol production. <i>Biotechnology and Bioengineering</i> , 2017, 114, 2066-2074.	3.3	13

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19	Development of a robust system for high-throughput colorimetric assay of diverse amino acid decarboxylases. <i>Process Biochemistry</i> , 2017, 60, 27-34.	3.7	5
20	Bioproduction of Antibody-Drug Conjugate Payload Precursors by Engineered Cell Factories. <i>Trends in Biotechnology</i> , 2017, 35, 466-478.	9.3	10
21	Proteomic studies on anti-tumor agent ansamitocin P-3 producer <i>Actinosynnema pretiosum</i> in response to ammonium and isobutanol. <i>Bioprocess and Biosystems Engineering</i> , 2017, 40, 1133-1139.	3.4	2
22	New potent and selective $\alpha_3\beta_1$ integrin ligands: Macrocyclic peptides containing RGD motif synthesized by sortase A-mediated ligation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 1911-1913.	2.2	10
23	Enhanced production of C5 dicarboxylic acids by aerobic-anaerobic shift in fermentation of engineered <i>Escherichia coli</i> . <i>Process Biochemistry</i> , 2017, 62, 53-58.	3.7	15
24	Sortase A-mediated on-resin peptide cleavage and in situ ligation: an efficient one-pot strategy for the synthesis of functional peptides and proteins. <i>Organic Chemistry Frontiers</i> , 2017, 4, 2058-2062.	4.5	10
25	One-step purification and immobilization of extracellularly expressed sortase A by magnetic particles to develop a robust and recyclable biocatalyst. <i>Scientific Reports</i> , 2017, 7, 6561.	3.3	14
26	Combination of traditional mutation and metabolic engineering to enhance ansamitocin P-3 production in <i>Actinosynnema pretiosum</i> . <i>Biotechnology and Bioengineering</i> , 2017, 114, 2794-2806.	3.3	20
27	Amplification of electrochemical signal by a whole-cell redox reactivation module for ultrasensitive detection of pyocyanin. <i>Biosensors and Bioelectronics</i> , 2017, 98, 338-344.	10.1	50
28	A novel synthetic pathway for glutarate production in recombinant <i>Escherichia coli</i> . <i>Process Biochemistry</i> , 2017, 59, 167-171.	3.7	25
29	Synergistic antitumor efficacy of antibacterial helvolic acid from <i>Cordyceps taii</i> and cyclophosphamide in a tumor mouse model. <i>Experimental Biology and Medicine</i> , 2017, 242, 214-222.	2.4	14
30	Hyaluronic acid enhances proliferation of human amniotic mesenchymal stem cells through activation of Wnt/ β -catenin signaling pathway. <i>Experimental Cell Research</i> , 2016, 345, 218-229.	2.6	37
31	Hydrolytic kinetics of piceid and its importance for the production of resveratrol. <i>Process Biochemistry</i> , 2016, 51, 1699-1705.	3.7	0
32	Production of Useful Terpenoids by Higher-Fungus Cell Factory and Synthetic Biology Approaches. <i>Trends in Biotechnology</i> , 2016, 34, 242-255.	9.3	57
33	Sucrose fed-batch strategy enhanced biomass, polysaccharide, and ganoderic acids production in fermentation of <i>Ganoderma lucidum</i> 5.26. <i>Bioprocess and Biosystems Engineering</i> , 2016, 39, 37-44.	3.4	39
34	Hyper-production of large proteins of spider dragline silk MaSp2 by <i>Escherichia coli</i> via synthetic biology approach. <i>Process Biochemistry</i> , 2016, 51, 484-490.	3.7	35
35	Further improvement in ganoderic acid production in static liquid culture of <i>Ganoderma lucidum</i> by integrating nitrogen limitation and calcium ion addition. <i>Bioprocess and Biosystems Engineering</i> , 2016, 39, 75-80.	3.4	18
36	Engineering validamycin production by tandem deletion of β -butyrolactone receptor genes in <i>Streptomyces hygroscopicus</i> 5008. <i>Metabolic Engineering</i> , 2015, 28, 74-81.	7.0	54

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37	Enhanced anti-oxidative activity and lignocellulosic ethanol production by biotin addition to medium in <i>Pichia guilliermondii</i> fermentation. <i>Bioresource Technology</i> , 2015, 189, 36-43.	9.6	22
38	New cytochalasins from medicinal macrofungus <i>Cordyceps taii</i> and their inhibitory activities against human cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 1823-1826.	2.2	22
39	Cell Factories of Higher Fungi for Useful Metabolite Production. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2015, 155, 199-235.	1.1	5
40	Antitumor and antimetastatic activities of chloroform extract of medicinal mushroom <i>Cordyceps taii</i> in mouse models. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 216.	3.7	18
41	Structurally related ganoderic acids induce apoptosis in human cervical cancer HeLa cells: Involvement of oxidative stress and antioxidant protective system. <i>Chemico-Biological Interactions</i> , 2015, 240, 134-144.	4.0	30
42	Genetic engineering of <i>Ganoderma lucidum</i> for the efficient production of ganoderic acids. <i>Bioengineered</i> , 2015, 6, 357-360.	3.2	20
43	Production of validamycin A from hemicellulose hydrolysate by <i>Streptomyces hygroscopicus</i> 5008. <i>Bioresource Technology</i> , 2015, 175, 160-166.	9.6	18
44	Direct biosynthesis of adipic acid from a synthetic pathway in recombinant <i>Escherichia coli</i> . <i>Biotechnology and Bioengineering</i> , 2014, 111, 2580-2586.	3.3	117
45	Cytotoxic mechanism of novel compound jiangxienone from <i>Cordyceps jiangxiensis</i> against cancer cells involving DNA damage response pathway. <i>Process Biochemistry</i> , 2014, 49, 697-705.	3.7	4
46	Screening of <i>Ganoderma</i> strains with high polysaccharides and ganoderic acid contents and optimization of the fermentation medium by statistical methods. <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 1789-1797.	3.4	29
47	Significance of agitation-induced shear stress on mycelium morphology and lavendamycin production by engineered <i>Streptomyces flocculus</i> . <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 4399-4407.	3.6	39
48	Triggering Respirofermentative Metabolism in the Crabtree-Negative Yeast <i>Pichia guilliermondii</i> by Disrupting the <i>CAT8</i> Gene. <i>Applied and Environmental Microbiology</i> , 2014, 80, 3879-3887.	3.1	18
49	Microalgal biofuels: Flexible bioenergies for sustainable development. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 30, 1035-1046.	16.4	138
50	High-throughput extraction of β -carotene from <i>Blakeslea trispora</i> based on a newly developed setup. <i>Biotechnology and Applied Biochemistry</i> , 2014, 61, 446-452.	3.1	1
51	Enhanced production of validamycin A in <i>Streptomyces hygroscopicus</i> 5008 by engineering validamycin biosynthetic gene cluster. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 7911-7922.	3.6	32
52	Improvement of ganoderic acid production by fermentation of <i>Ganoderma lucidum</i> with cellulase as an elicitor. <i>Process Biochemistry</i> , 2014, 49, 1580-1586.	3.7	29
53	Ganoderic acid Me induces the apoptosis of competent T cells and increases the proportion of Treg cells through enhancing the expression and activation of indoleamine 2,3-dioxygenase in mouse lewis lung cancer cells. <i>International Immunopharmacology</i> , 2014, 23, 192-204.	3.8	26
54	Induction of ganoderic acid biosynthesis by Mn^{2+} in static liquid cultivation of <i>Ganoderma lucidum</i> . <i>Biotechnology and Bioengineering</i> , 2014, 111, 2358-2365.	3.3	35

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55	Strategies for Enhanced Production of Plant Secondary Metabolites from Cell and Organ Cultures. , 2014, , 471-508.		27
56	Production of Ginsenosides from Adventitious Root Cultures of <i>Panax ginseng</i> . , 2014, , 625-651.		12
57	A new high-energy density hydrogen carrier-carbohydrate-might be better than methanol. International Journal of Energy Research, 2013, 37, 769-779.	4.5	16
58	Exogenous 1,4- α -butyrolactone stimulates A-factor-like cascade and validamycin biosynthesis in <i>Streptomyces hygroscopicus</i> 5008. Biotechnology and Bioengineering, 2013, 110, 2984-2993.	3.3	45
59	Enhancement of ginsenoside biosynthesis in cell cultures of <i>Panax ginseng</i> by N,N'-dicyclohexylcarbodiimide elicitation. Journal of Biotechnology, 2013, 165, 30-36.	3.8	55
60	Elicitation of ginsenoside biosynthesis in cell cultures of <i>Panax ginseng</i> by vanadate. Process Biochemistry, 2013, 48, 1227-1234.	3.7	55
61	Oxygen limitation improves ganoderic acid biosynthesis in submerged cultivation of <i>Ganoderma lucidum</i> . Biotechnology and Bioprocess Engineering, 2013, 18, 972-980.	2.6	9
62	Improvement of ethanol productivity and energy efficiency by degradation of inhibitors using recombinant <i>Zymomonas mobilis</i> (pHW20a-fdh). Biotechnology and Bioengineering, 2013, 110, 2395-2404.	3.3	26
63	Effect of oxygen supply on biomass and helvolic acid production in submerged fermentation of <i>Cordyceps taii</i> . Biochemical Engineering Journal, 2013, 81, 73-79.	3.6	23
64	A new ganoderic acid from <i>Ganoderma lucidum</i> mycelia and its stability. F-terap, 2013, 84, 115-122.	2.2	48
65	Hosting the plant cells in vitro: recent trends in bioreactors. Applied Microbiology and Biotechnology, 2013, 97, 3787-3800.	3.6	115
66	Enhanced recovery of four antitumor ganoderic acids from <i>Ganoderma lucidum</i> mycelia by a novel process of simultaneous extraction and hydrolysis. Process Biochemistry, 2013, 48, 331-339.	3.7	14
67	Regulation of aromatics biodegradation by rhl quorum sensing system through induction of catechol meta-cleavage pathway. Bioresource Technology, 2013, 136, 761-765.	9.6	71
68	Efficient ethanol production from corncob residues by repeated fermentation of an adapted yeast. Bioresource Technology, 2013, 136, 309-315.	9.6	46
69	Induced effect of Na ⁺ on ganoderic acid biosynthesis in static liquid culture of <i>Ganoderma lucidum</i> via calcineurin signal transduction. Biotechnology and Bioengineering, 2013, 110, 1913-1923.	3.3	42
70	Polysaccharides from the Medicinal Mushroom <i>Cordyceps taii</i> Show Antioxidant and Immunoenhancing Activities in a D-Galactose-Induced Aging Mouse Model. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-15.	1.2	60
71	Production of biomass and useful compounds from adventitious roots of high-value added medicinal plants using bioreactor. Biotechnology Advances, 2012, 30, 1255-1267.	11.7	160
72	Impact of nitrogen concentration on validamycin A production and related gene transcription in fermentation of <i>Streptomyces hygroscopicus</i> 5008. Bioprocess and Biosystems Engineering, 2012, 35, 1201-1208.	3.4	22

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73	Temperature shift-induced reactive oxygen species enhanced validamycin A production in fermentation of <i>Streptomyces hygroscopicus</i> 5008. <i>Bioprocess and Biosystems Engineering</i> , 2012, 35, 1309-1316.	3.4	21
74	Enhancement of Ganoderic Acid Accumulation by Overexpression of an N-Terminally Truncated 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Gene in the Basidiomycete <i>Ganoderma lucidum</i> . <i>Applied and Environmental Microbiology</i> , 2012, 78, 7968-7976.	3.1	89
75	Impacts of Quorum Sensing on Microbial Metabolism and Human Health. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2012, 131, 25-61.	1.1	28
76	Volatile organic compounds from a <i>Tuber melanosporum</i> fermentation system. <i>Food Chemistry</i> , 2012, 135, 2628-2637.	8.2	21
77	Impacts of calcium signal transduction on the fermentation production of antitumor ganoderic acids by medicinal mushroom <i>Ganoderma lucidum</i> . <i>Biotechnology Advances</i> , 2012, 30, 1301-1308.	11.7	79
78	Jiangxienone, a New Compound with Potent Cytotoxicity against Tumor Cells from Traditional Chinese Medicinal Mushroom <i>Cordyceps jiangxiensis</i> . <i>Chemistry and Biodiversity</i> , 2012, 9, 1349-1355.	2.1	17
79	Recovery of ganoderic acids from <i>Ganoderma lucidum</i> mycelia by macroporous adsorption resins. <i>Biotechnology and Bioprocess Engineering</i> , 2012, 17, 326-336.	2.6	6
80	Cytotoxic and pro-apoptotic effects of novel ganoderic acid derivatives on human cervical cancer cells in vitro. <i>European Journal of Pharmacology</i> , 2012, 681, 23-33.	3.5	52
81	Enhancement of cordycepin production in submerged cultures of <i>Cordyceps militaris</i> by addition of ferrous sulfate. <i>Biochemical Engineering Journal</i> , 2012, 60, 30-35.	3.6	56
82	Enhancement of validamycin A production by addition of ethanol in fermentation of <i>Streptomyces hygroscopicus</i> 5008. <i>Bioresource Technology</i> , 2012, 114, 616-621.	9.6	28
83	Enhanced recovery of antitumor ganoderic acid T from <i>Ganoderma lucidum</i> mycelia by novel chemical conversion strategy. <i>Biotechnology and Bioengineering</i> , 2012, 109, 754-762.	3.3	15
84	A thermostable recombinant transaldolase with high activity over a broad pH range. <i>Applied Microbiology and Biotechnology</i> , 2012, 93, 2403-2410.	3.6	22
85	Isolation and analysis of differentially expressed genes during asexual sporulation in liquid static culture of <i>Ganoderma lucidum</i> by suppression subtractive hybridization. <i>Molecular Biology Reports</i> , 2012, 39, 3603-3610.	2.3	19
86	Extensive in vitro activity of guanidine hydrochloride polymer analogs against antibiotics-resistant clinically isolated strains. <i>Materials Science and Engineering C</i> , 2011, 31, 1836-1843.	7.3	57
87	Ganoderic acid Mf and S induce mitochondria mediated apoptosis in human cervical carcinoma HeLa cells. <i>Phytomedicine</i> , 2011, 18, 349-355.	5.3	65
88	p53 is important for the anti-invasion of ganoderic acid T in human carcinoma cells. <i>Phytomedicine</i> , 2011, 18, 719-725.	5.3	39
89	Enhanced production of ganoderic acids in static liquid culture of <i>Ganoderma lucidum</i> under nitrogen-limiting conditions. <i>Bioresource Technology</i> , 2011, 102, 8185-8190.	9.6	58
90	Significance of oxygen supply in production of a novel antibiotic by <i>Pseudomonas</i> sp. SJT25. <i>Bioresource Technology</i> , 2011, 102, 9167-9174.	9.6	12

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91	Enhanced production of ansamitocin P-3 by addition of Mg ²⁺ in fermentation of <i>Actinosynnema pretiosum</i> . <i>Bioresource Technology</i> , 2011, 102, 10147-10150.	9.6	18
92	Bioelectricity enhancement via overexpression of quorum sensing system in <i>Pseudomonas aeruginosa</i> -inoculated microbial fuel cells. <i>Biosensors and Bioelectronics</i> , 2011, 30, 87-92.	10.1	157
93	Intracellular salicylic acid is involved in signal cascade regulating low ammonium-induced taxoid biosynthesis in suspension cultures of <i>Taxus chinensis</i> . <i>Applied Microbiology and Biotechnology</i> , 2011, 90, 1027-1036.	3.6	15
94	Effects of Ganoderic acid Me on inhibiting multidrug resistance and inducing apoptosis in multidrug resistant colon cancer cells. <i>Process Biochemistry</i> , 2011, 46, 1307-1314.	3.7	20
95	Isolation and characterization of a novel <i>Ganoderma lucidum</i> gene that differentially expressed between shaking culture and liquid static culture. <i>Genes and Genomics</i> , 2011, 33, 645-651.	1.4	3
96	Quantitative influence of endogenous salicylic acid level on taxuyunnanine C biosynthesis in suspension cultures of <i>Taxus chinensis</i> . <i>Biotechnology and Bioengineering</i> , 2011, 108, 216-221.	3.3	16
97	Design and construction of improved new vectors for <i>Zymomonas mobilis</i> recombinants. <i>Biotechnology and Bioengineering</i> , 2011, 108, 1616-1627.	3.3	26
98	Editorial: <i>Biotechnology Journal</i> shines the spotlight on ACBâ€™2011. <i>Biotechnology Journal</i> , 2011, 6, 1298-1299.	3.5	5
99	Enhanced production of validamycin A by H ₂ O ₂ -induced reactive oxygen species in fermentation of <i>Streptomyces hygroscopicus</i> 5008. <i>Bioresource Technology</i> , 2011, 102, 1783-1787.	9.6	58
100	CO ₂ biofixation and fatty acid composition of <i>Scenedesmus obliquus</i> and <i>Chlorella pyrenoidosa</i> in response to different CO ₂ levels. <i>Bioresource Technology</i> , 2011, 102, 3071-3076.	9.6	640
101	Enhanced production of ansamitocin P-3 by addition of isobutanol in fermentation of <i>Actinosynnema pretiosum</i> . <i>Bioresource Technology</i> , 2011, 102, 1863-1868.	9.6	28
102	Kinetic study of 7-O-ethyl ganoderic acid O stability and its importance in the preparative isolation. <i>Biochemical Engineering Journal</i> , 2011, 53, 182-186.	3.6	5
103	Scale-up study on the fed-batch fermentation of <i>Ganoderma lucidum</i> for the hyperproduction of ganoderic acid and <i>Ganoderma</i> polysaccharides. <i>Process Biochemistry</i> , 2011, 46, 404-408.	3.7	44
104	Ganoderic acid Me induces apoptosis through mitochondria dysfunctions in human colon carcinoma cells. <i>Process Biochemistry</i> , 2011, 46, 219-225.	3.7	26
105	Interactions of biocidal guanidine hydrochloride polymer analogs with model membranes: a comparative biophysical study. <i>Acta Biochimica Et Biophysica Sinica</i> , 2011, 43, 729-737.	2.0	28
106	Novel Antiphytopathogenic Compound 2-Heptyl-5-Hexylfuran-3-Carboxylic Acid, Produced by Newly Isolated <i>Pseudomonas</i> sp. Strain SJT25. <i>Applied and Environmental Microbiology</i> , 2011, 77, 6253-6257.	3.1	8
107	<i>In Situ</i> Biodiesel Production from Fast-Growing and High Oil Content <i>Chlorella pyrenoidosa</i> in Rice Straw Hydrolysate. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-8.	3.0	88
108	Production of individual ganoderic acids and expression of biosynthetic genes in liquid static and shaking cultures of <i>Ganoderma lucidum</i> . <i>Applied Microbiology and Biotechnology</i> , 2010, 85, 941-948.	3.6	83

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109	Enhanced biosynthetic gene expressions and production of ganoderic acids in static liquid culture of <i>Ganoderma lucidum</i> under phenobarbital induction. <i>Applied Microbiology and Biotechnology</i> , 2010, 86, 1367-1374.	3.6	73
110	Biotechnological production and application of ganoderic acids. <i>Applied Microbiology and Biotechnology</i> , 2010, 87, 457-466.	3.6	138
111	A novel biotransformation process of 4 β -demethylepipodophyllotoxin to 4 β -demethylepipodophyllic acid by <i>Bacillus fusiformis</i> CICC 20463, Part II: process optimization. <i>Bioprocess and Biosystems Engineering</i> , 2010, 33, 237-246.	3.4	6
112	Optimization of fermentation conditions for production of anti-TMV extracellular ribonuclease by <i>Bacillus cereus</i> using response surface methodology. <i>Bioprocess and Biosystems Engineering</i> , 2010, 33, 657-663.	3.4	28
113	Impact of oxygen level in gaseous phase on gene transcription and ganoderic acid biosynthesis in liquid static cultures of <i>Ganoderma lucidum</i> . <i>Bioprocess and Biosystems Engineering</i> , 2010, 33, 683-690.	3.4	32
114	Effect of ammonium in medium on ansamitocin P-3 production by <i>Actinosynnema pretiosum</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2010, 15, 119-125.	2.6	14
115	Recent advances in bioreactor engineering. <i>Korean Journal of Chemical Engineering</i> , 2010, 27, 1035-1041.	2.7	57
116	Inhibition of tumor cell proliferation and induction of apoptosis in human lung carcinoma 95-D cells by a new sesquiterpene from hairy root cultures of <i>Artemisia annua</i> . <i>Phytomedicine</i> , 2010, 17, 856-861.	5.3	31
117	Effect of oxygen concentration in gas phase on sporulation and individual ganoderic acids accumulation in liquid static culture of <i>Ganoderma lucidum</i> . <i>Journal of Bioscience and Bioengineering</i> , 2010, 109, 37-40.	2.2	36
118	Favorable effect of very low initial K _{La} value on xylitol production from xylose by a self-isolated strain of <i>Pichia guilliermondii</i> . <i>Journal of Bioscience and Bioengineering</i> , 2010, 109, 149-152.	2.2	25
119	Multi-fed batch culture integrated with three-stage light irradiation and multiple additions of copper ions for the hyperproduction of ganoderic acid and <i>Ganoderma</i> polysaccharides by the medicinal mushroom <i>Ganoderma lucidum</i> . <i>Process Biochemistry</i> , 2010, 45, 1904-1911.	3.7	24
120	Recent advances in biodegradation in China: New microorganisms and pathways, biodegradation engineering, and bioenergy from pollutant biodegradation. <i>Process Biochemistry</i> , 2010, 45, 1937-1943.	3.7	45
121	Antimetastatic effect of ganoderic acid T in vitro through inhibition of cancer cell invasion. <i>Process Biochemistry</i> , 2010, 45, 1261-1267.	3.7	38
122	N-Acylated homoserine lactone production and involvement in the biodegradation of aromatics by an environmental isolate of <i>Pseudomonas aeruginosa</i> . <i>Process Biochemistry</i> , 2010, 45, 1944-1948.	3.7	54
123	Sorbitol production using recombinant <i>Zymomonas mobilis</i> strain. <i>Journal of Biotechnology</i> , 2010, 148, 105-112.	3.8	30
124	Enhancement of Validamycin A Production by Ethanol Addition. <i>Journal of Biotechnology</i> , 2010, 150, 418-418.	3.8	0
125	Separation and determination of four ganoderic acids from dried fermentation mycelia powder of <i>Ganoderma lucidum</i> by capillary zone electrophoresis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 53, 1224-1230.	2.8	14
126	Nutritional requirements for the hyperproduction of bioactive exopolysaccharides by submerged fermentation of the edible medicinal fungus <i>Cordyceps taii</i> . <i>Biochemical Engineering Journal</i> , 2010, 49, 241-249.	3.6	35

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127	A new sesquiterpene from hairy root culture of <i>Artemisia annua</i> . <i>Chinese Chemical Letters</i> , 2010, 21, 590-592.	9.0	8
128	Biofuel production by in vitro synthetic enzymatic pathway biotransformation. <i>Current Opinion in Biotechnology</i> , 2010, 21, 663-669.	6.6	76
129	â€œBiochemical Engineering Scienceâ€•dedicated to Professor Dr. T. Yoshida. <i>Process Biochemistry</i> , 2010, 45, 1843-1844.	3.7	0
130	Simultaneous analysis of three bioactive compounds in <i>Artemisia annua</i> hairy root cultures by reversedâ€•phase highâ€•performance liquid chromatographyâ€•diode array detector. <i>Phytochemical Analysis</i> , 2010, 21, 524-530.	2.4	14
131	Damage of <i>Escherichia coli</i> membrane by bactericidal agent polyhexamethylene guanidine hydrochloride: micrographic evidences. <i>Journal of Applied Microbiology</i> , 2010, 108, 898-907.	3.1	120
132	Ganoderic acid T inhibits tumor invasion in vitro and in vivo through inhibition of MMP expression. <i>Pharmacological Reports</i> , 2010, 62, 150-163.	3.3	96
133	A new ganoderic acid from <i>Ganoderma lucidum</i> mycelia. <i>Journal of Asian Natural Products Research</i> , 2010, 12, 727-730.	1.4	23
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