

Yusuf Chisti

List of Publications by Year in descending order

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258
papers

29,605
citations

18436

62
h-index

5101

166
g-index

341
all docs

341
docs citations

341
times ranked

22201
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal of nitrate and phosphate from simulated agricultural runoff water by <i>Chlorella vulgaris</i> . <i>Science of the Total Environment</i> , 2022, 802, 149988.	3.9	17
2	Production of polyunsaturated fatty acids by <i>Schizochytrium</i> (<i>Aurantiochytrium</i>) spp.. <i>Biotechnology Advances</i> , 2022, 55, 107897.	6.0	43
3	Pathogens and predators impacting commercial production of microalgae and cyanobacteria. <i>Biotechnology Advances</i> , 2022, 55, 107884.	6.0	38
4	Palm Oil Mill Effluent for Lipid Production by the Diatom <i>Thalassiosira pseudonana</i> . <i>Fermentation</i> , 2022, 8, 23.	1.4	6
5	Compositing prevulcanized natural rubber with multiwalled carbon nanotubes to make antistatic films. <i>Polymers for Advanced Technologies</i> , 2022, 33, 1591-1605.	1.6	5
6	Guest editorial: Biotechnology novelties. <i>Biotechnology Advances</i> , 2022, , 107945.	6.0	0
7	Seaweed-based diets lead to normal growth, improved fillet color but a down-regulated expression of somatotrophic axis genes in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Aquaculture</i> , 2022, 554, 738183.	1.7	3
8	Bioethanol Production. , 2022, , .		0
9	Production of lipids by <i>Tetraselmis</i> sp. grown in palm oil mill effluent. <i>AIP Conference Proceedings</i> , 2022, , .	0.3	1
10	Spray-Dried Nipa Palm Vinegar Powder: Production and Evaluation of Physicochemical, Nutritional, Sensory, and Storage Aspects. <i>Fermentation</i> , 2022, 8, 272.	1.4	3
11	Production of Carotenoids and Phospholipids by <i>Thraustochytrium</i> sp. in Batch and Repeated-Batch Culture. <i>Marine Drugs</i> , 2022, 20, 416.	2.2	10
12	Lipid production by the yeast <i>Lipomyces starkeyi</i> grown on sugars and oil palm empty fruit bunch hydrolysate. <i>Biomass Conversion and Biorefinery</i> , 2021, 11, 1197-1210.	2.9	13
13	Two-step isolation of hemicellulose from oil palm empty fruit bunch fibers and its use in production of xylooligosaccharide prebiotic. <i>Industrial Crops and Products</i> , 2021, 160, 113124.	2.5	15
14	Chemical stabilization of enzymes. , 2021, , 77-132.		2
15	Cellulose from oil palm empty fruit bunch fiber and its conversion to carboxymethylcellulose. <i>Journal of Chemical Technology and Biotechnology</i> , 2021, 96, 1656-1666.	1.6	15
16	Environmental impacts of examination gloves made of natural rubber and nitrile rubber, identified by life cycle assessment. <i>SPE Polymers</i> , 2021, 2, 179-190.	1.4	16
17	Production of lipids by <i>Chaetoceros affinis</i> in media based on palm oil mill effluent. <i>Journal of Biotechnology</i> , 2021, 327, 86-96.	1.9	15
18	Production of Renewable Lipids by the Diatom <i>Amphora copulata</i> . <i>Fermentation</i> , 2021, 7, 37.	1.4	19

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19	Immobilization of Î²-galactosidase by halloysite-adsorption and entrapment in a cellulose nanocrystals matrix. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 129896.	1.1	13
20	Antarctic Thraustochytrids as Sources of Carotenoids and High-Value Fatty Acids. <i>Marine Drugs</i> , 2021, 19, 386.	2.2	14
21	Nutritionally Enhanced Probioticated Whole Pineapple Juice. <i>Fermentation</i> , 2021, 7, 178.	1.4	4
22	Theabrownin from Pu-erh tea together with swinging exercise synergistically ameliorates obesity and insulin resistance in rats. <i>European Journal of Nutrition</i> , 2020, 59, 1937-1950.	1.8	28
23	Statistical optimization of lipid production by the diatom <i>Gyrosigma</i> sp. grown in industrial wastewater. <i>Journal of Applied Phycology</i> , 2020, 32, 375-387.	1.5	24
24	Model-based design, synthesis and use of thermally insulating mortar formulations for energy conservation in buildings. <i>Journal of Cleaner Production</i> , 2020, 276, 124287.	4.6	2
25	Temperature Differentially Affects Gene Expression in Antarctic Thraustochytrid <i>Oblongichytrium</i> sp. RT2316-13. <i>Marine Drugs</i> , 2020, 18, 563.	2.2	9
26	Microalgae biotechnology: A brief introduction. , 2020, , 3-23.		5
27	Dynamic flux balance analysis of biomass and lipid production by Antarctic thraustochytrid <i>Oblongichytrium</i> sp. RT2316-13. <i>Biotechnology and Bioengineering</i> , 2020, 117, 3006-3017.	1.7	17
28	Simultaneous nitrogen fixation and ethanol production by <i>Zymomonas mobilis</i> . <i>Journal of Biotechnology</i> , 2020, 314-315, 41-52.	1.9	12
29	Guava pulp fermentation and processing to a vitamin B12-enriched product. <i>Journal of Food Processing and Preservation</i> , 2020, 44, e14566.	0.9	12
30	Fermentation Technology, Bioprocessing, Scale-Up and Manufacture. , 2020, , 177-222.		2
31	Natural rubber as a template for making hollow silica spheres and their use as antibacterial agents. <i>Microporous and Mesoporous Materials</i> , 2019, 273, 10-18.	2.2	13
32	Alkaline and fungal pretreatments for improving methane potential of Napier grass. <i>Biomass and Bioenergy</i> , 2019, 127, 105262.	2.9	18
33	A comparison of methods of ethanol production from sweet sorghum bagasse. <i>Biochemical Engineering Journal</i> , 2019, 151, 107352.	1.8	17
34	Flocculation and electroflocculation for algal biomass recovery. , 2019, , 257-286.		19
35	Mixotrophic production of polyunsaturated fatty acids and carotenoids by the microalga <i>Nannochloropsis gaditana</i> . <i>Journal of Applied Phycology</i> , 2019, 31, 2823-2832.	1.5	41
36	Biomass and lipid production by <i>Rhodococcus opacus</i> PD630 in molasses-based media with and without osmotic-stress. <i>Journal of Biotechnology</i> , 2019, 297, 1-8.	1.9	20

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37	Chemo-enzymatic preparation and characterization of cellulose nanofibers-graft-poly(lactic acid)s. <i>European Polymer Journal</i> , 2019, 114, 308-318.	2.6	6
38	Introduction to algal fuels. , 2019, , 1-31.		9
39	Surface-Modified Cellulose Nanofibers-graft-poly(lactic acid)s Made by Ring-Opening Polymerization of L-Lactide. <i>Journal of Polymers and the Environment</i> , 2019, 27, 847-861.	2.4	14
40	Evaluation of microbial toxins, trace elements and sensory properties of a high-theabrownins instant Pu-erh tea produced using <i>Aspergillus tubingensis</i> via submerged fermentation. <i>International Journal of Food Science and Technology</i> , 2019, 54, 1541-1549.	1.3	16
41	Improved keeping quality of <i>Dendrobium</i> orchids using nutrients entrapped in a biodegradable hydrogel. <i>Scientia Horticulturae</i> , 2018, 234, 184-192.	1.7	7
42	Production of renewable biohydrogen by <i>Rhodobacter sphaeroides</i> S10: A comparison of photobioreactors. <i>Journal of Cleaner Production</i> , 2018, 181, 318-328.	4.6	24
43	Ohmic heating pretreatment of algal slurry for production of biodiesel. <i>Journal of Biotechnology</i> , 2018, 267, 71-78.	1.9	31
44	Enhanced production of carotenoids and lipids by <i>Rhodococcus opacus</i> PD630. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 2160-2169.	1.6	15
45	Pilot-scale outdoor photobioreactor culture of the marine dinoflagellate <i>Karlodinium veneficum</i> : Production of a karlotoxins-rich extract. <i>Bioresource Technology</i> , 2018, 253, 94-104.	4.8	14
46	Physicochemical properties and biological activities of a high-theabrownins instant Pu-erh tea produced using <i>Aspergillus tubingensis</i> . <i>LWT - Food Science and Technology</i> , 2018, 90, 598-605.	2.5	44
47	Model of acetic acid-affected growth and poly(3-hydroxybutyrate) production by <i>Cupriavidus necator</i> DSM 545. <i>Journal of Biotechnology</i> , 2018, 268, 12-20.	1.9	26
48	In-vitro assessment of probiotic potential of <i>Lactobacillus plantarum</i> WU-P19 isolated from a traditional fermented herb. <i>Annals of Microbiology</i> , 2018, 68, 79-91.	1.1	22
49	Template-assisted facile synthesis and characterization of hollow calcium silicate hydrate particles for use as reflective materials. <i>Materials Research Bulletin</i> , 2018, 97, 343-350.	2.7	12
50	Metabolic engineering of microorganisms for biofuel production. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 82, 3863-3885.	8.2	124
51	Bioreactor studies of production of mycophenolic acid by <i>Penicillium brevicompactum</i> . <i>Biochemical Engineering Journal</i> , 2018, 140, 77-84.	1.8	16
52	Metabolic modelling and simulation of the light and dark metabolism of <i>Chlamydomonas reinhardtii</i> . <i>Plant Journal</i> , 2018, 96, 1076-1088.	2.8	12
53	Genetic and metabolic engineering for microbial production of poly- γ -glutamic acid. <i>Biotechnology Advances</i> , 2018, 36, 1424-1433.	6.0	62
54	Guest Editorial Prospects in Biotechnology. <i>Biotechnology Advances</i> , 2018, 36, 555-556.	6.0	0

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55	Society and Microalgae. , 2018, , 11-21.		6
56	Accumulation of conjugated linoleic acid in <i>Lactobacillus plantarum</i> WU-P19 is enhanced by induction with linoleic acid and chitosan treatment. <i>Annals of Microbiology</i> , 2018, 68, 611-624.	1.1	6
57	Continuous production of biohydrogen from oil palm empty fruit bunch hydrolysate in tubular photobioreactors. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 16497-16509.	3.8	15
58	Ultrasonic disruption of <i>Pseudomonas putida</i> for the release of arginine deiminase: Kinetics and predictive models. <i>Bioresource Technology</i> , 2017, 233, 74-83.	4.8	23
59	Enhanced Production of Poly- γ -glutamic Acid by <i>Bacillus licheniformis</i> TISTR 1010 with Environmental Controls. <i>Applied Biochemistry and Biotechnology</i> , 2017, 182, 990-999.	1.4	25
60	Optimization of production of C-phycoerythrin and extracellular polymeric substances by <i>Arthrospira</i> sp.. <i>Bioprocess and Biosystems Engineering</i> , 2017, 40, 1173-1188.	1.7	9
61	Biomass and oil production by <i>Chlorella vulgaris</i> and four other microalgae – Effects of salinity and other factors. <i>Journal of Biotechnology</i> , 2017, 257, 47-57.	1.9	65
62	Simultaneous production of C-phycoerythrin and extracellular polymeric substances by photoautotrophic cultures of <i>Arthrospira platensis</i> . <i>Journal of Chemical Technology and Biotechnology</i> , 2017, 92, 2709-2718.	1.6	14
63	Effects of shear rate, photoautotrophy and photoheterotrophy on production of biomass and pigments by <i>Chlorella vulgaris</i> . <i>Journal of Chemical Technology and Biotechnology</i> , 2017, 92, 2453-2459.	1.6	22
64	Furfural and glucose can enhance conversion of xylose to xylitol by <i>Candida magnoliae</i> TISTR 5663. <i>Journal of Biotechnology</i> , 2017, 241, 147-157.	1.9	17
65	Production of bioethanol by <i>Zymomonas mobilis</i> in high-gravity extractive fermentations. <i>Food and Bioprocess Processing</i> , 2017, 102, 123-135.	1.8	41
66	Microbial production of poly- γ -glutamic acid. <i>World Journal of Microbiology and Biotechnology</i> , 2017, 33, 173.	1.7	63
67	Production and characterization of a novel hierarchical porous silica adsorbent for removal of methylene blue dye from wastewaters. <i>Chemical Engineering Communications</i> , 2017, 204, 1452-1465.	1.5	7
68	A model of furfural-inhibited growth and xylitol production by <i>Candida magnoliae</i> TISTR 5663. <i>Food and Bioprocess Processing</i> , 2017, 105, 129-140.	1.8	19
69	Heterotrophic production of <i>Chlorella</i> sp. TISTR 8990 – biomass growth and composition under various production conditions. <i>Biotechnology Progress</i> , 2017, 33, 1589-1600.	1.3	16
70	Surfactant-mediated permeabilization of <i>Pseudomonas putida</i> KT2440 and use of the immobilized permeabilized cells in biotransformation. <i>Process Biochemistry</i> , 2017, 63, 113-121.	1.8	27
71	Sulfur-Free Pre-vulcanization of Natural Rubber Latex by Ultraviolet Irradiation in the Presence of Diacrylates. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 7217-7223.	1.8	8
72	Production of Mycophenolic Acid by <i>Penicillium brevicompactum</i> Using Solid State Fermentation. <i>Applied Biochemistry and Biotechnology</i> , 2017, 182, 97-109.	1.4	24

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73	Cellulose and hemicellulose recovery from oil palm empty fruit bunch (EFB) fibers and production of sugars from the fibers. <i>Carbohydrate Polymers</i> , 2017, 155, 491-497.	5.1	106
74	Production of carotenoids and lipids by <i>Rhodococcus opacus</i> PD630 in batch and fed-batch culture. <i>Bioprocess and Biosystems Engineering</i> , 2017, 40, 133-143.	1.7	23
75	Biofuel Research Journal: a story of continuing success. <i>Biofuel Research Journal</i> , 2017, 4, 571-572.	7.2	0
76	Pilot-scale bubble column photobioreactor culture of a marine dinoflagellate microalga illuminated with light emission diodes. <i>Bioresource Technology</i> , 2016, 216, 845-855.	4.8	42
77	Production of potential fuel oils by <i>Rhodococcus opacus</i> grown on petroleum processing wastewaters. <i>Journal of Renewable and Sustainable Energy</i> , 2016, 8, 063106.	0.8	10
78	Sulfur-Free Pre Vulcanization of Natural Rubber Latex by Ultraviolet Irradiation. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 3974-3981.	1.8	8
79	Production of eicosapentaenoic acid by <i>Nannochloropsis oculata</i> : Effects of carbon dioxide and glycerol. <i>Journal of Biotechnology</i> , 2016, 239, 47-56.	1.9	34
80	Disruption of <i>Pseudomonas putida</i> by high pressure homogenization: a comparison of the predictive capacity of three process models for the efficient release of arginine deiminase. <i>AMB Express</i> , 2016, 6, 84.	1.4	16
81	Prediction of pore properties of hierarchical porous silica templated on natural rubber. <i>Microporous and Mesoporous Materials</i> , 2016, 233, 1-9.	2.2	5
82	Production and characterization of hierarchical porous silica made using natural rubber as template: Effects of the template removal methods, the pH of production, and the natural rubber sources. <i>Chemical Engineering Research and Design</i> , 2016, 113, 273-283.	2.7	11
83	Production of mycophenolic acid by <i>Penicillium brevicompactum</i> —A comparison of two methods of optimization. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2016, 11, 77-85.	2.1	39
84	Proteomics in Energy Crops. , 2016, , 105-126.		0
85	Coproduction of protease and amylase by thermophilic <i>Bacillus</i> sp. BBXS-2 using open solid-state fermentation of lignocellulosic biomass. <i>Biocatalysis and Agricultural Biotechnology</i> , 2016, 8, 146-151.	1.5	46
86	Production of theabrownins using a crude fungal enzyme concentrate. <i>Journal of Biotechnology</i> , 2016, 231, 250-259.	1.9	57
87	Use of response surface method for maximizing the production of arginine deiminase by <i>Pseudomonas putida</i> . <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2016, 10, 29-37.	2.1	31
88	Artificial neural network modeling for predicting the growth of the microalga <i>Karlodinium veneticum</i> . <i>Algal Research</i> , 2016, 14, 58-64.	2.4	43
89	Effect of CO ₂ in the aeration gas on cultivation of the microalga <i>Nannochloropsis oculata</i> : Experimental study and mathematical modeling of CO ₂ assimilation. <i>Algal Research</i> , 2016, 13, 16-29.	2.4	18
90	Continuous flocculation-sedimentation for harvesting <i>Nannochloropsis salina</i> biomass. <i>Journal of Biotechnology</i> , 2016, 222, 94-103.	1.9	27

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91	Optimization of oil extraction from <i>Nannochloropsis salina</i> biomass paste. <i>Algal Research</i> , 2016, 15, 100-109.	2.4	29
92	Oil production by six microalgae: impact of flocculants and drying on oil recovery from the biomass. <i>Journal of Applied Phycology</i> , 2016, 28, 2697-2705.	1.5	35
93	Harvesting microalgae by flocculation-sedimentation. <i>Algal Research</i> , 2016, 13, 271-283.	2.4	140
94	Large-Scale Production of Algal Biomass: Raceway Ponds. <i>Green Energy and Technology</i> , 2016, , 21-40.	0.4	69
95	Fungal Isolates from a Pu-erh Type Tea Fermentation and Their Ability to Convert Tea Polyphenols to Theabrownins. <i>Journal of Food Science</i> , 2015, 80, M809-17.	1.5	63
96	An optimal culture medium for growing <i>Karlodinium veneficum</i> : Progress towards a microalgal dinoflagellate-based bioprocess. <i>Algal Research</i> , 2015, 10, 177-182.	2.4	19
97	Optimal Control of Feeding in Fed-Batch Production of Xylitol. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 1992-2000.	1.8	11
98	Forward osmosis with waste glycerol for concentrating microalgae slurries. <i>Algal Research</i> , 2015, 8, 168-173.	2.4	25
99	BioTech 2014 and 6th Czech-Swiss Biotechnology Symposium. <i>Biotechnology Advances</i> , 2015, 33, 993.	6.0	0
100	Production of poly- β -glutamic acid by glutamic acid-independent <i>Bacillus licheniformis</i> TISTR 1010 using different feeding strategies. <i>Biochemical Engineering Journal</i> , 2015, 100, 67-75.	1.8	41
101	Carbon-to-nitrogen ratio affects the biomass composition and the fatty acid profile of heterotrophically grown <i>Chlorella</i> sp. TISTR 8990 for biodiesel production. <i>Journal of Biotechnology</i> , 2015, 216, 169-177.	1.9	60
102	Photofermentive hydrogen production by <i>Rhodobacter sphaeroides</i> S10 using mixed organic carbon: Effects of the mixture composition. <i>Applied Energy</i> , 2015, 157, 245-254.	5.1	34
103	Benzoate-induced stress enhances xylitol yield in aerobic fed-batch culture of <i>Candida mogii</i> TISTR 5892. <i>Journal of Biotechnology</i> , 2015, 194, 58-66.	1.9	9
104	Applications of phototheranostic nanoagents in photodynamic therapy. <i>Nano Research</i> , 2015, 8, 1373-1394.	5.8	94
105	Optimal conditions for deproteinizing natural rubber using immobilized alkaline protease. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 185-193.	1.6	6
106	The status of biofuels.... <i>Biofuel Research Journal</i> , 2015, 2, 253-253.	7.2	3
107	Bioconversion of tea polyphenols to bioactive theabrownins by <i>Aspergillus fumigatus</i> . <i>Biotechnology Letters</i> , 2014, 36, 2515-2522.	1.1	41
108	Biotransformation of 3-cyanopyridine to nicotinic acid by free and immobilized cells of recombinant <i>Escherichia coli</i> . <i>Process Biochemistry</i> , 2014, 49, 655-659.	1.8	22

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109	High cell density fed-batch fermentation for the production of a microbial lipase. <i>Biochemical Engineering Journal</i> , 2014, 85, 8-14.	1.8	18
110	Modeling of growth and laccase production by <i>Pycnoporus sanguineus</i> . <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 765-775.	1.7	11
111	Retention of hemicellulose during delignification of oil palm empty fruit bunch (EFB) fiber with peracetic acid and alkaline peroxide. <i>Biomass and Bioenergy</i> , 2014, 66, 240-248.	2.9	54
112	Optimal C:N ratio for the production of red pigments by <i>Monascus ruber</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2014, 30, 2471-2479.	1.7	34
113	Protein production using the baculovirus-insect cell expression system. <i>Biotechnology Progress</i> , 2014, 30, 1-18.	1.3	113
114	A matter of detail: Assessing the true potential of microalgal biofuels. <i>Biotechnology and Bioengineering</i> , 2013, 110, 2317-2322.	1.7	58
115	Constraints to commercialization of algal fuels. <i>Journal of Biotechnology</i> , 2013, 167, 201-214.	1.9	603
116	High cell density fed-batch fermentations for lipase production: feeding strategies and oxygen transfer. <i>Bioprocess and Biosystems Engineering</i> , 2013, 36, 1527-1543.	1.7	25
117	Nitrile hydratase of <i>Rhodococcus erythropolis</i> : characterization of the enzyme and the use of whole cells for biotransformation of nitriles. <i>3 Biotech</i> , 2013, 3, 319-330.	1.1	12
118	Ultrasound mediated enzymatic hydrolysis of cellulose and carboxymethyl cellulose. <i>Biotechnology Progress</i> , 2013, 29, 1448-1457.	1.3	32
119	Enantioselective bioreduction of cyclic alkanones by whole cells of <i>Candida</i> species. <i>Biocatalysis and Biotransformation</i> , 2013, 31, 123-131.	1.1	9
120	Raceways-based Production of Algal Crude Oil. <i>Green</i> , 2013, 3, .	0.4	58
121	Synthesis of metallic nanoparticles using plant extracts. <i>Biotechnology Advances</i> , 2013, 31, 346-356.	6.0	1,790
122	Lipase catalyzed ultrasonic synthesis of poly-4-hydroxybutyrate-co-6-hydroxyhexanoate. <i>Ultrasonics Sonochemistry</i> , 2013, 20, 937-947.	3.8	27
123	Production and scale-up of a monoclonal antibody against 17 β -hydroxyprogesterone. <i>Biotechnology Progress</i> , 2013, 29, 154-164.	1.3	2
124	Deproteinization of Natural Rubber Using Protease Immobilized on Epichlorohydrin Cross-linked Chitosan Beads. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 11723-11731.	1.8	14
125	Optimal hydrodynamic design of tubular photobioreactors. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 55-61.	1.6	32
126	Repeated fed-batch production of xylitol by <i>Candida magnoliae</i> TISTR 5663. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 1121-1129.	1.6	28

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127	7 Raceways-based production of algal crude oil. , 2012, , 113-146.		26
128	Production of shikimic acid. <i>Biotechnology Advances</i> , 2012, 30, 1425-1431.	6.0	156
129	Stereo-selective conversion of mandelonitrile to (R)-($\hat{\alpha}$)-mandelic acid using immobilized cells of recombinant <i>Escherichia coli</i> . <i>3 Biotech</i> , 2012, 2, 319-326.	1.1	14
130	Repeated-batch production of hydrogen using <i>Rhodobacter sphaeroides</i> S10. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 15855-15866.	3.8	23
131	Bioactives from microalgal dinoflagellates. <i>Biotechnology Advances</i> , 2012, 30, 1673-1684.	6.0	88
132	Stereoselective biocatalytic hydride transfer to substituted acetophenones by the yeast <i>Metschnikowia koreensis</i> . <i>Process Biochemistry</i> , 2012, 47, 2398-2404.	1.8	21
133	Design of raceway ponds for producing microalgae. <i>Biofuels</i> , 2012, 3, 387-397.	1.4	92
134	Design of a recombinant <i>Escherichia coli</i> for producing l-phenylalanine from glycerol. <i>World Journal of Microbiology and Biotechnology</i> , 2012, 28, 2937-2943.	1.7	12
135	Shear-induced changes in membrane fluidity during culture of a fragile dinoflagellate microalga. <i>Biotechnology Progress</i> , 2012, 28, 467-473.	1.3	20
136	Photofermentive production of biohydrogen from oil palm waste hydrolysate. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 4077-4087.	3.8	48
137	Ultrasound assisted lipase catalyzed synthesis of poly-6-hydroxyhexanoate. <i>Ultrasonics Sonochemistry</i> , 2012, 19, 659-667.	3.8	53
138	Effects of surfactants on hydrodynamics and mass transfer in a split-cylinder airlift reactor. <i>Canadian Journal of Chemical Engineering</i> , 2012, 90, 93-99.	0.9	32
139	Luxury uptake of phosphorus by microalgae in full-scale waste stabilisation ponds. <i>Water Science and Technology</i> , 2011, 63, 704-709.	1.2	60
140	Genetic algorithm-based medium optimization for a toxic dinoflagellate microalga. <i>Harmful Algae</i> , 2011, 10, 697-701.	2.2	15
141	Production of carbonyl reductase by <i>Metschnikowia koreensis</i> . <i>Bioresource Technology</i> , 2011, 102, 10679-10685.	4.8	7
142	Gold nanoparticles produced in a microalga. <i>Journal of Nanoparticle Research</i> , 2011, 13, 6439-6445.	0.8	140
143	Photoautotrophic Production of Lipids by Some <i>Chlorella</i> Strains. <i>Marine Biotechnology</i> , 2011, 13, 928-941.	1.1	27
144	Ultrasound-assisted fermentation enhances bioethanol productivity. <i>Biochemical Engineering Journal</i> , 2011, 54, 141-150.	1.8	106

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145	Energy from algae: Current status and future trends. <i>Applied Energy</i> , 2011, 88, 3277-3279.	5.1	183
146	Stabilization of invertase by molecular engineering. <i>Biotechnology Progress</i> , 2010, 26, 111-117.	1.3	8
147	Influence of ultrasound amplitude and duty cycle on fungal morphology and broth rheology of <i>Aspergillus terreus</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2010, 26, 1409-1418.	1.7	11
148	A bioeconomy vision of sustainability. <i>Biofuels, Bioproducts and Biorefining</i> , 2010, 4, 359-361.	1.9	13
149	Potential fuel oils from the microalga <i>Choricystis minor</i> . <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 100-108.	1.6	93
150	Protein measurements of microalgal and cyanobacterial biomass. <i>Bioresource Technology</i> , 2010, 101, 7587-7591.	4.8	465
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