

# Attilio Converti

## List of Publications by Year in descending order

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401  
papers

13,897  
citations

22132

59  
h-index

40954

93  
g-index

405  
all docs

405  
docs citations

405  
times ranked

13790  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of temperature and nitrogen concentration on the growth and lipid content of <i>Nannochloropsis oculata</i> and <i>Chlorella vulgaris</i> for biodiesel production. <i>Chemical Engineering and Processing: Process Intensification</i> , 2009, 48, 1146-1151.	1.8	1,070
2	Lactic acid properties, applications and production: A review. <i>Trends in Food Science and Technology</i> , 2013, 30, 70-83.	7.8	509
3	Novel biotechnological applications of bacteriocins: A review. <i>Food Control</i> , 2013, 32, 134-142.	2.8	282
4	Inulin-type fructans: A review on different aspects of biochemical and pharmaceutical technology. <i>Carbohydrate Polymers</i> , 2014, 101, 368-378.	5.1	235
5	Submerged Citric Acid Fermentation on Orange Peel Autohydrolysate. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 2380-2387.	2.4	195
6	Biotechnological production of citric acid. <i>Brazilian Journal of Microbiology</i> , 2010, 41, 862-875.	0.8	192
7	Batch and fed-batch cultivations of <i>Spirulina platensis</i> using ammonium sulphate and urea as nitrogen sources. <i>Aquaculture</i> , 2005, 243, 217-224.	1.7	191
8	Bacteriocin production by <i>Bifidobacterium</i> spp. A review. <i>Biotechnology Advances</i> , 2013, 31, 482-488.	6.0	163
9	Production of green surfactants: Market prospects. <i>Electronic Journal of Biotechnology</i> , 2021, 51, 28-39.	1.2	159
10	Fibers from fruit by-products enhance probiotic viability and fatty acid profile and increase CLA content in yoghurts. <i>International Journal of Food Microbiology</i> , 2012, 154, 135-144.	2.1	145
11	Effect of different prebiotics on the fermentation kinetics, probiotic survival and fatty acids profiles in nonfat symbiotic fermented milk. <i>International Journal of Food Microbiology</i> , 2009, 128, 467-472.	2.1	134
12	Influence of milk type and addition of passion fruit peel powder on fermentation kinetics, texture profile and bacterial viability in probiotic yoghurts. <i>LWT - Food Science and Technology</i> , 2012, 47, 393-399.	2.5	124
13	Biogas production and valorization by means of a two-step biological process. <i>Bioresource Technology</i> , 2009, 100, 5771-5776.	4.8	121
14	Liquid-liquid extraction of proteases from fermented broth by PEG/citrate aqueous two-phase system. <i>Chemical Engineering and Processing: Process Intensification</i> , 2008, 47, 716-721.	1.8	119
15	Adsorption of Ni <sup>2+</sup> , Zn <sup>2+</sup> and Pb <sup>2+</sup> onto dry biomass of <i>Arthrospira (Spirulina) platensis</i> and <i>Chlorella vulgaris</i> . I. Single metal systems. <i>Chemical Engineering Journal</i> , 2011, 173, 326-333.	6.6	119
16	Characterisation of bare and tannase-loaded calcium alginate beads by microscopic, thermogravimetric, FTIR and XRD analyses. <i>International Journal of Biological Macromolecules</i> , 2018, 115, 900-906.	3.6	119
17	Citric acid production from orange peel wastes by solid-state fermentation. <i>Brazilian Journal of Microbiology</i> , 2011, 42, 394-409.	0.8	115
18	Effects of carbon dioxide feeding rate and light intensity on the fed-batch pulse-feeding cultivation of <i>Spirulina platensis</i> in helical photobioreactor. <i>Biochemical Engineering Journal</i> , 2008, 39, 369-375.	1.8	110

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19	Therapeutic asparaginase: upstream, downstream and beyond. <i>Critical Reviews in Biotechnology</i> , 2017, 37, 82-99.	5.1	109
20	Biosorption of three acid dyes by the brown macroalga <i>Stoechospermum marginatum</i> : Isotherm, kinetic and thermodynamic studies. <i>Chemical Engineering Journal</i> , 2012, 195-196, 297-306.	6.6	105
21	Rheology, spontaneous whey separation, microstructure and sensorial characteristics of probiotic yoghurts enriched with passion fruit fiber. <i>Food Research International</i> , 2013, 50, 224-231.	2.9	105
22	Toluene and styrene removal from air in biofilters. <i>Process Biochemistry</i> , 2001, 37, 423-429.	1.8	102
23	Release of ferulic acid from corn cobs by alkaline hydrolysis. <i>Biochemical Engineering Journal</i> , 2008, 40, 500-506.	1.8	102
24	Influence of food matrices on probiotic viability – A review focusing on the fruity bases. <i>Trends in Food Science and Technology</i> , 2011, 22, 377-385.	7.8	99
25	Effects of temperature, inoculum size and starch hydrolyzate concentration on butanediol production by <i>Bacillus licheniformis</i> . <i>Bioresource Technology</i> , 2003, 89, 125-131.	4.8	91
26	Cultivation of <i>Spirulina platensis</i> in a combined airlift-tubular reactor system. <i>Biochemical Engineering Journal</i> , 2006, 32, 13-18.	1.8	86
27	Effect of inulin as prebiotic and synbiotic interactions between probiotics to improve fermented milk firmness. <i>Journal of Food Engineering</i> , 2011, 107, 36-40.	2.7	86
28	Soil Bioremediation: Overview of Technologies and Trends. <i>Energies</i> , 2020, 13, 4664.	1.6	85
29	Biogas Production: New Trends for Alternative Energy Sources in Rural and Urban Zones. <i>Chemical Engineering and Technology</i> , 2009, 32, 1147-1153.	0.9	82
30	Use of sugarcane bagasse as biomaterial for cell immobilization for xylitol production. <i>Journal of Food Engineering</i> , 2008, 86, 542-548.	2.7	80
31	Effect of inulin as a prebiotic to improve growth and counts of a probiotic cocktail in fermented skim milk. <i>LWT - Food Science and Technology</i> , 2011, 44, 520-523.	2.5	79
32	Influence of temperature and pH on xylitol production from xylose by <i>Debaryomyces hansenii</i> . <i>Biotechnology and Bioengineering</i> , 2001, 75, 39-45.	1.7	78
33	New aspects on atrazine biodegradation. <i>Brazilian Archives of Biology and Technology</i> , 2010, 53, 487-496.	0.5	78
34	Kinetic and thermodynamic studies of a novel acid protease from <i>Aspergillus foetidus</i> . <i>International Journal of Biological Macromolecules</i> , 2015, 81, 17-21.	3.6	78
35	Removal of methylene blue dye from aqueous solutions by a new chitosan/zeolite composite from shrimp waste: Kinetic and equilibrium study. <i>Korean Journal of Chemical Engineering</i> , 2017, 34, 1699-1707.	1.2	78
36	Repeated fed-batch cultivation of <i>Arthrospira (Spirulina) platensis</i> using urea as nitrogen source. <i>Biochemical Engineering Journal</i> , 2009, 43, 52-57.	1.8	76

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37	CULTIVATION OF <i>ARTHROSPIRA (SPIRULINA) PLATENSIS</i> (CYANOPHYCEAE) BY FED-BATCH ADDITION OF AMMONIUM CHLORIDE AT EXPONENTIALLY INCREASING FEEDING RATES. <i>Journal of Phycology</i> , 2004, 40, 589-597.	1.0	74
38	A Critical Review of Biological Processes and Technologies for Landfill Leachate Treatment. <i>Chemical Engineering and Technology</i> , 2015, 38, 2115-2126.	0.9	74
39	Fermentation of hardwood hemicellulose hydrolysate by <i>Pachysolen tannophilus</i> , <i>Candida shehatae</i> and <i>Pichia stipitis</i> . <i>Journal of Industrial Microbiology</i> , 1990, 6, 157-164.	0.9	73
40	Sugarcane bagasse as alternative packing material for biofiltration of benzene polluted gaseous streams: a preliminary study. <i>Bioresource Technology</i> , 2002, 83, 153-157.	4.8	73
41	Fly ash disposal and utilization. <i>Journal of Chemical Technology and Biotechnology</i> , 1990, 47, 281-305.	1.6	73
42	Chromium (VI) removal by methylated biomass of <i>Spirulina platensis</i> : The effect of methylation process. <i>Chemical Engineering Journal</i> , 2010, 156, 264-269.	6.6	73
43	Cadmium biosorption on <i>Spirulina platensis</i> biomass. <i>Bioresource Technology</i> , 2008, 99, 5933-5937.	4.8	72
44	Use of lactulose as prebiotic and its influence on the growth, acidification profile and viable counts of different probiotics in fermented skim milk. <i>International Journal of Food Microbiology</i> , 2011, 145, 22-27.	2.1	72
45	Optimisation of olive oil extraction by means of enzyme processing aids using response surface methodology. <i>Biochemical Engineering Journal</i> , 2008, 42, 34-40.	1.8	71
46	Evaluation of the composition of continuously-cultivated <i>Arthrospira (Spirulina) platensis</i> using ammonium chloride as nitrogen source. <i>Biomass and Bioenergy</i> , 2010, 34, 1732-1738.	2.9	71
47	Batch and fed-batch uptake of carbon dioxide by <i>Spirulina platensis</i> . <i>Process Biochemistry</i> , 2003, 38, 1341-1346.	1.8	70
48	Complete Bioconversion of Hemicellulosic Sugars From Agricultural Residues Into Lactic Acid by <i>Lactobacillus pentosus</i> . <i>Applied Biochemistry and Biotechnology</i> , 2006, 135, 219-228.	1.4	69
49	Use of carbon and energy balances in the study of the anaerobic metabolism of <i>Enterobacter aerogenes</i> at variable starting glucose concentrations. <i>Applied Microbiology and Biotechnology</i> , 2002, 59, 303-309.	1.7	68
50	Anaerobic digestion of the vegetable fraction of municipal refuses: mesophilic versus thermophilic conditions. <i>Bioprocess and Biosystems Engineering</i> , 1999, 21, 371.	0.5	66
51	Fed-batch cultivation of <i>Arthrospira (Spirulina) platensis</i> : Potassium nitrate and ammonium chloride as simultaneous nitrogen sources. <i>Bioresource Technology</i> , 2010, 101, 4491-4498.	4.8	66
52	Copper removal by dry and re-hydrated biomass of <i>Spirulina platensis</i> . <i>Bioresource Technology</i> , 2006, 97, 1756-1760.	4.8	65
53	Improvement of olive oil phenolics content by means of enzyme formulations: Effect of different enzyme activities and levels. <i>Biochemical Engineering Journal</i> , 2008, 41, 149-156.	1.8	65
54	Growth, organic acids profile and sugar metabolism of <i>Bifidobacterium lactis</i> in co-culture with <i>Streptococcus thermophilus</i> : The inulin effect. <i>Food Research International</i> , 2012, 48, 21-27.	2.9	65

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55	Xylitol production from sugarcane bagasse hydrolysate. <i>Biochemical Engineering Journal</i> , 2005, 25, 25-31.	1.8	63
56	Metal biosorption onto dry biomass of <i>Arthrospira (Spirulina) platensis</i> and <i>Chlorella vulgaris</i> : Multi-metal systems. <i>Journal of Hazardous Materials</i> , 2012, 217-218, 246-255.	6.5	63
57	Purification of Xylitol Obtained by Fermentation of Corn cob Hydrolysates. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 4430-4435.	2.4	62
58	2,3-Butanediol production by <i>Enterobacter aerogenes</i> : selection of the optimal conditions and application to food industry residues. <i>Bioprocess and Biosystems Engineering</i> , 2000, 23, 613-620.	1.7	60
59	Metabolic behavior of immobilized <i>Candida guilliermondii</i> cells during batch xylitol production from sugarcane bagasse acid hydrolyzate. <i>Biotechnology and Bioengineering</i> , 2002, 79, 165-169.	1.7	60
60	Lipase-catalyzed degradation of poly( $\mu$ -caprolactone). <i>Enzyme and Microbial Technology</i> , 2004, 35, 321-326.	1.6	59
61	Sorption of Cd(II) and Pb(II) from aqueous solutions onto <i>Agave americana</i> fibers. <i>Chemical Engineering Journal</i> , 2010, 159, 67-74.	6.6	59
62	Phenolics extraction from <i>Agave americana (L.)</i> leaves using high-temperature, high-pressure reactor. <i>Food and Bioproducts Processing</i> , 2012, 90, 17-21.	1.8	59
63	Production of <i>Chlorella vulgaris</i> as a source of essential fatty acids in a tubular photobioreactor continuously fed with air enriched with CO <sub>2</sub> at different concentrations. <i>Biotechnology Progress</i> , 2014, 30, 916-922.	1.3	59
64	Xylitol Production from Hardwood Hemicellulose Hydrolysates by <i>Pachysolen tannophilus</i> , <i>Debaryomyces hansenii</i> , and <i>Candida guilliermondii</i> . <i>Applied Biochemistry and Biotechnology</i> , 1999, 82, 141-152.	1.4	58
65	Hydrolysis and thermophilic anaerobic digestion of sewage sludge and organic fraction of municipal solid waste. <i>Bioprocess and Biosystems Engineering</i> , 1999, 20, 553.	0.5	58
66	Shrimp shell as an efficient bioadsorbent for Acid Blue 25 dye removal from aqueous solution. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 2926-2934.	2.7	57
67	Production, purification and characterization of an aspartic protease from <i>Aspergillus foetidus</i> . <i>Food and Chemical Toxicology</i> , 2017, 109, 1103-1110.	1.8	56
68	Growth and acidification performance of probiotics in pure culture and co-culture with <i>Streptococcus thermophilus</i> : The effect of inulin. <i>LWT - Food Science and Technology</i> , 2009, 42, 1015-1021.	2.5	55
69	Thermodynamic investigation of an alkaline protease from <i>Aspergillus tamarii</i> URM4634: A comparative approach between crude extract and purified enzyme. <i>International Journal of Biological Macromolecules</i> , 2018, 109, 1039-1044.	3.6	55
70	Effect of inulin on the growth and metabolism of a probiotic strain of <i>Lactobacillus rhamnosus</i> in co-culture with <i>Streptococcus thermophilus</i> . <i>LWT - Food Science and Technology</i> , 2012, 47, 358-363.	2.5	54
71	Extraction, isolation and characterization of inulin from <i>Agave sisalana</i> boles. <i>Industrial Crops and Products</i> , 2017, 108, 355-362.	2.5	54
72	Optimization of spray drying microencapsulation of olive pomace polyphenols using Response Surface Methodology and Artificial Neural Network. <i>LWT - Food Science and Technology</i> , 2018, 93, 220-228.	2.5	52

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73	Behavior of Triton X-114 cloud point in the presence of inorganic electrolytes. <i>Fluid Phase Equilibria</i> , 2013, 360, 435-438.	1.4	51
74	Fructo-oligosaccharides production by an <i>Aspergillus aculeatus</i> commercial enzyme preparation with fructosyltransferase activity covalently immobilized on Fe <sub>3</sub> O <sub>4</sub> –chitosan-magnetic nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2020, 150, 922-929.	3.6	51
75	Influence of cultivation conditions on xylose-to-xylitol bioconversion by a new isolate of <i>Debaryomyces hansenii</i> . <i>Bioresource Technology</i> , 2008, 99, 502-508.	4.8	50
76	Xylitol production by Ca-alginate entrapped cells: comparison of different fermentation systems. <i>Enzyme and Microbial Technology</i> , 2003, 32, 553-559.	1.6	49
77	Use of Hydrogen as Fuel: A Trend of the 21st Century. <i>Energies</i> , 2022, 15, 311.	1.6	49
78	Effect of specific oxygen uptake rate on <i>Enterobacter aerogenes</i> energetics: Carbon and reduction degree balances in batch cultivations. <i>Biotechnology and Bioengineering</i> , 2003, 82, 370-377.	1.7	48
79	Purification of a fibrinolytic protease from <i>Mucor subtilissimus</i> UCP 1262 by aqueous two-phase systems (PEG/sulfate). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1025, 16-24.	1.2	48
80	Toluene vapour removal in a laboratory-scale biofilter. <i>Applied Microbiology and Biotechnology</i> , 2000, 54, 248-254.	1.7	47
81	Influence of aeration rate and carrier concentration on xylitol production from sugarcane bagasse hydrolyzate in immobilized-cell fluidized bed reactor. <i>Process Biochemistry</i> , 2005, 40, 113-118.	1.8	47
82	Ammonium and urea removal by <i>Spirulina platensis</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2006, 33, 8-16.	1.4	47
83	<i>Arthrospira</i> ( <i>Spirulina</i> ) <i>platensis</i> cultivation in tubular photobioreactor: Use of no-cost CO <sub>2</sub> from ethanol fermentation. <i>Applied Energy</i> , 2012, 92, 379-385.	5.1	46
84	Production, purification, and characterization of an extracellular acid protease from the marine Antarctic yeast <i>Rhodotorula mucilaginosa</i> L7. <i>Fungal Biology</i> , 2015, 119, 1129-1136.	1.1	46
85	Thermodynamic and kinetic studies on pectinase extracted from <i>Aspergillus aculeatus</i> : Free and immobilized enzyme entrapped in alginate beads. <i>International Journal of Biological Macromolecules</i> , 2018, 115, 1088-1093.	3.6	45
86	Adsorption of inorganic mercury from aqueous solutions onto dry biomass of <i>Chlorella vulgaris</i> : kinetic and isotherm study. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 664-672.	1.2	45
87	The effect of acid pre-treatment on the biosorption of chromium(III) by <i>Sphaerotilus natans</i> from industrial wastewater. <i>Water Research</i> , 2000, 34, 3171-3178.	5.3	44
88	Xylitol crystallization from culture media fermented by yeasts. <i>Chemical Engineering and Processing: Process Intensification</i> , 2006, 45, 1041-1046.	1.8	44
89	The effect of inulin as a prebiotic on the production of probiotic fibre-enriched fermented milk. <i>International Journal of Dairy Technology</i> , 2009, 62, 195-203.	1.3	44
90	Vanillin bioproduction from alkaline hydrolyzate of corn cob by <i>Escherichia coli</i> JM109/pBB1. <i>Enzyme and Microbial Technology</i> , 2009, 44, 154-158.	1.6	44

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91	Semi-continuous anaerobic digestion of a food industry wastewater in an anaerobic filter. <i>Bioresource Technology</i> , 2000, 71, 261-266.	4.8	42
92	Removal of exhausted oils by adsorption on mixed Ca and Mg oxides. <i>Water Research</i> , 2002, 36, 899-904.	5.3	42
93	Influence of pH, temperature, and urea molar flowrate on <i>Arthrospira platensis</i> fed-batch cultivation: A kinetic and thermodynamic approach. <i>Biotechnology and Bioengineering</i> , 2007, 96, 702-711.	1.7	42
94	Batch phenol removal from methyl isobutyl ketone by liquid-liquid extraction with chemical reaction. <i>Chemical Engineering and Processing: Process Intensification</i> , 2007, 46, 764-768.	1.8	42
95	Effect of inulin on growth and acidification performance of different probiotic bacteria in co-cultures and mixed culture with <i>Streptococcus thermophilus</i> . <i>Journal of Food Engineering</i> , 2009, 91, 133-139.	2.7	42
96	Liquid-liquid extraction by mixed micellar systems: A new approach for clavulanic acid recovery from fermented broth. <i>Biochemical Engineering Journal</i> , 2011, 56, 75-83.	1.8	42
97	Cheese whey permeate fermentation by <i>Kluyveromyces lactis</i> : a combined approach to wastewater treatment and bioethanol production. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 3210-3218.	1.2	42
98	Simultaneous effects of immobilization and substrate protection on the thermodynamics of glucose isomerase activity and inactivation. <i>Enzyme and Microbial Technology</i> , 1997, 21, 511-517.	1.6	41
99	Xylitol recovery by crystallization from synthetic solutions and fermented hemicellulose hydrolyzates. <i>Chemical Engineering Journal</i> , 2002, 90, 291-298.	6.6	41
100	Evaluation of porous glass and zeolite as cells carriers for xylitol production from sugarcane bagasse hydrolysate. <i>Biochemical Engineering Journal</i> , 2005, 23, 1-9.	1.8	41
101	Influence of ammonium sulphate feeding time on fed-batch <i>Arthrospira (Spirulina) platensis</i> cultivation and biomass composition with and without pH control. <i>Bioresource Technology</i> , 2011, 102, 6587-6592.	4.8	41
102	Chitin as biosorbent for phenol removal from aqueous solution: Equilibrium, kinetic and thermodynamic studies. <i>Chemical Engineering and Processing: Process Intensification</i> , 2013, 70, 131-139.	1.8	41
103	Production and formulation of a new low-cost biosurfactant to remediate oil-contaminated seawater. <i>Journal of Biotechnology</i> , 2019, 295, 71-79.	1.9	41
104	Biological removal of phosphorus from wastewaters by alternating aerobic and anaerobic conditions. <i>Water Research</i> , 1995, 29, 263-269.	5.3	40
105	Efficient and selective microbial esterification with dry mycelium of <i>Rhizopus oryzae</i> . <i>Journal of Biotechnology</i> , 2001, 92, 21-26.	1.9	40
106	Laboratory-scale experiments with a powdered compost biofilter treating benzene-polluted air. <i>Process Biochemistry</i> , 2005, 40, 2035-2043.	1.8	40
107	Influence of ammonium chloride feeding time and light intensity on the cultivation of <i>Spirulina (Arthrospira) platensis</i> . <i>Biotechnology and Bioengineering</i> , 2008, 100, 297-305.	1.7	40
108	Ferulic acid and p-coumaric acid solubilization by alkaline hydrolysis of the solid residue obtained after acid prehydrolysis of vine shoot prunings: Effect of the hydroxide and pH. <i>Biochemical Engineering Journal</i> , 2009, 43, 129-134.	1.8	40



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109	Chromium(III) removal by <i>Spirulina platensis</i> biomass. <i>Chemical Engineering Journal</i> , 2008, 136, 151-155.	6.6	39
110	Effects of light intensity and dilution rate on the semicontinuous cultivation of <i>Arthrospira</i> ( <i>Spirulina</i> ) <i>platensis</i> . A kinetic Monod-type approach. <i>Bioresource Technology</i> , 2011, 102, 3215-3219.	4.8	39
111	Antimicrobial and radical scavenging properties of bovine collagen hydrolysates produced by <i>Penicillium aurantiogriseum</i> URM 4622 collagenase. <i>Journal of Food Science and Technology</i> , 2015, 52, 4459-4466.	1.4	39
112	Co-digestion of Municipal Sewage Sludges and Pre-hydrolysed Woody Agricultural Wastes. <i>Journal of Chemical Technology and Biotechnology</i> , 1997, 69, 231-239.	1.6	38
113	Kinetics of glucose isomerization to fructose by immobilized glucose isomerase in the presence of substrate protection. <i>Bioprocess and Biosystems Engineering</i> , 1997, 18, 27.	0.5	38
114	Metabolic study of the adaptation of the yeast <i>Candida guilliermondii</i> to sugarcane bagasse hydrolysate. <i>Applied Microbiology and Biotechnology</i> , 2001, 57, 738-743.	1.7	38
115	Statistical investigation on the effects of starting xylose concentration and oxygen mass flowrate on xylitol production from rice straw hydrolyzate by response surface methodology. <i>Journal of Food Engineering</i> , 2004, 65, 383-389.	2.7	38
116	Optimization of xylitol recovery by crystallization from synthetic solutions using response surface methodology. <i>Journal of Food Engineering</i> , 2004, 61, 407-412.	2.7	38
117	Cultivation of <i>Chlorella vulgaris</i> in tubular photobioreactors: A lipid source for biodiesel production. <i>Biochemical Engineering Journal</i> , 2013, 81, 120-125.	1.8	38
118	Mycelium-bound carboxylesterase from <i>Aspergillus oryzae</i> : an efficient catalyst for acetylation in organic solvent. <i>Enzyme and Microbial Technology</i> , 2000, 27, 626-630.	1.6	37
119	Effect of Starting Xylose Concentration on the Microaerobic Metabolism of <i>Debaryomyces hansenii</i> : The Use of Carbon Material Balances. <i>Applied Biochemistry and Biotechnology</i> , 2002, 101, 15-30.	1.4	36
120	Microbial Succession in a Compost-packed Biofilter Treating Benzene-contaminated Air. <i>Biodegradation</i> , 2006, 17, 79-89.	1.5	36
121	Doxycycline Degradation by the Oxidative Fenton Process. <i>Journal of Chemistry</i> , 2015, 2015, 1-9.	0.9	36
122	The Use of <i>Euterpe oleracea</i> Mart. As a New Perspective for Disease Treatment and Prevention. <i>Biomolecules</i> , 2020, 10, 813.	1.8	36
123	A kinetic study of <i>Saccharomyces</i> strains: Performance at high sugar concentrations. <i>Biotechnology and Bioengineering</i> , 1985, 27, 1108-1114.	1.7	35
124	Hydrogenolysis of organochlorinated pollutants: Kinetics and thermodynamics. <i>Journal of Hazardous Materials</i> , 1991, 27, 127-135.	6.5	35
125	Continuous and pulse feedings of urea as a nitrogen source in fed-batch cultivation of <i>Spirulina platensis</i> . <i>Aquacultural Engineering</i> , 2004, 31, 237-245.	1.4	35
126	Stability of clavulanic acid under variable pH, ionic strength and temperature conditions. A new kinetic approach. <i>Biochemical Engineering Journal</i> , 2009, 45, 89-93.	1.8	35



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127	Carbon Material and Bioenergetic Balances of Xylitol Production from Corncobs by <i>Debaryomyces hansenii</i> . <i>Biotechnology Progress</i> , 2003, 19, 706-713.	1.3	34
128	Xylose Metabolism in <i>Debaryomyces hansenii</i> UFV-170. Effect of the Specific Oxygen Uptake Rate. <i>Biotechnology Progress</i> , 2004, 20, 1641-1650.	1.3	33
129	Influence of temperature and pH on xylitol production from xylose by <i>Debaryomyces hansenii</i> UFV-170. <i>Process Biochemistry</i> , 2006, 41, 675-681.	1.8	33
130	Cultivation of <i>Spirulina platensis</i> by continuous process using ammonium chloride as nitrogen source. <i>Biomass and Bioenergy</i> , 2007, 31, 593-598.	2.9	33
131	Co-metabolic models of <i>Streptococcus thermophilus</i> in co-culture with <i>Lactobacillus bulgaricus</i> or <i>Lactobacillus acidophilus</i> . <i>Biochemical Engineering Journal</i> , 2012, 62, 62-69.	1.8	33
132	Reactivity and stability of mycelium-bound carboxylesterase from <i>Aspergillus oryzae</i> . <i>Biotechnology and Bioengineering</i> , 2002, 77, 232-237.	1.7	32
133	Simplified kinetics and thermodynamics of geraniol acetylation by lyophilized cells of <i>Aspergillus oryzae</i> . <i>Enzyme and Microbial Technology</i> , 2002, 30, 216-223.	1.6	31
134	Nitrate and phosphate removal by <i>Spirulina platensis</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2003, 30, 656-660.	1.4	31
135	Sugarcane bagasse hydrolysis with phosphoric and sulfuric acids and hydrolysate detoxification for xylitol production. <i>Journal of Chemical Technology and Biotechnology</i> , 2004, 79, 1308-1312.	1.6	31
136	Xylitol Production from Sugarcane Bagasse Hydrolyzate in Fluidized Bed Reactor. Effect of Air Flowrate. <i>Biotechnology Progress</i> , 2008, 19, 1210-1215.	1.3	31
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