

Attilio Converti

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396
papers

10,791
citations

53
h-index

82
g-index

402
ext. papers

12,114
ext. citations

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avg. IF

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L-index

#	Paper	IF	Citations
396	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	3.7	887
395	Lactic acid properties, applications and production: A review. <i>Trends in Food Science and Technology</i> , 2013 , 30, 70-83	15.3	383
394	Novel biotechnological applications of bacteriocins: A review. <i>Food Control</i> , 2013 , 32, 134-142	6.2	229
393	Inulin-type fructans: a review on different aspects of biochemical and pharmaceutical technology. <i>Carbohydrate Polymers</i> , 2014 , 101, 368-78	10.3	181
392	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	4.4	161
391	Biotechnological production of citric acid. <i>Brazilian Journal of Microbiology</i> , 2010 , 41, 862-75	2.2	151
390	Submerged citric acid fermentation on orange peel autohydrolysate. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 2380-7	5.7	151
389	Bacteriocin production by <i>Bifidobacterium</i> spp. A review. <i>Biotechnology Advances</i> , 2013 , 31, 482-8	17.8	133
388	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, 135-44	5.8	116
387	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, 467-72	5.8	116
386	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	3.7	111
385	Biogas production and valorization by means of a two-step biological process. <i>Bioresource Technology</i> , 2009 , 100, 5771-6	11	100
384	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	5.4	96
383	Adsorption of Ni ²⁺ , Zn ²⁺ and Pb ²⁺ onto dry biomass of <i>Arthrospira</i> (<i>Spirulina</i>) <i>platensis</i> and <i>Chlorella vulgaris</i> . I. Single metal systems. <i>Chemical Engineering Journal</i> , 2011 , 173, 326-333	14.7	96
382	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	4.2	93
381	Release of ferulic acid from corn cobs by alkaline hydrolysis. <i>Biochemical Engineering Journal</i> , 2008 , 40, 500-506	4.2	88
380	Toluene and styrene removal from air in biofilters. <i>Process Biochemistry</i> , 2001 , 37, 423-429	4.8	87

379	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	14.7	86
378	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	15.3	84
377	Citric Acid production from orange peel wastes by solid-state fermentation. <i>Brazilian Journal of Microbiology</i> , 2011 , 42, 394-409	2.2	82
376	Cultivation of <i>Spirulina platensis</i> in a combined airlift-tubular reactor system. <i>Biochemical Engineering Journal</i> , 2006 , 32, 13-18	4.2	79
375	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	7	78
374	Therapeutic l-asparaginase: upstream, downstream and beyond. <i>Critical Reviews in Biotechnology</i> , 2017 , 37, 82-99	9.4	77
373	Effects of temperature, inoculum size and starch hydrolyzate concentration on butanediol production by <i>Bacillus licheniformis</i> . <i>Bioresource Technology</i> , 2003 , 89, 125-31	11	75
372	Biogas Production: New Trends for Alternative Energy Sources in Rural and Urban Zones. <i>Chemical Engineering and Technology</i> , 2009 , 32, 1147-1153	2	74
371	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	6	73
370	Use of sugarcane bagasse as biomaterial for cell immobilization for xylitol production. <i>Journal of Food Engineering</i> , 2008 , 86, 542-548	6	69
369	Cadmium biosorption on <i>Spirulina platensis</i> biomass. <i>Bioresource Technology</i> , 2008 , 99, 5933-7	11	67
368	CULTIVATION OF ARTHROSPIRA (SPIRULINA) PLATENSIS (CYANOPHYCEAE) BY FED-BATCH ADDITION OF AMMONIUM CHLORIDE AT EXPONENTIALLY INCREASING FEEDING RATES1. <i>Journal of Phycology</i> , 2004 , 40, 589-597	3	67
367	Sugarcane bagasse as alternative packing material for biofiltration of benzene polluted gaseous streams: a preliminary study. <i>Bioresource Technology</i> , 2002 , 83, 153-7	11	67
366	Repeated fed-batch cultivation of <i>Arthrospira (Spirulina) platensis</i> using urea as nitrogen source. <i>Biochemical Engineering Journal</i> , 2009 , 43, 52-57	4.2	65
365	Influence of temperature and pH on xylitol production from xylose by <i>Debaryomyces hansenii</i> . <i>Biotechnology and Bioengineering</i> , 2001 , 75, 39-45	4.9	64
364	New aspects on atrazine biodegradation. <i>Brazilian Archives of Biology and Technology</i> , 2010 , 53, 487-496	1.8	63
363	Complete bioconversion of hemicellulosic sugars from agricultural residues into lactic acid by <i>Lactobacillus pentosus</i> . <i>Applied Biochemistry and Biotechnology</i> , 2006 , 135, 219-28	3.2	63
362	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, 303-9	5.7	62

361	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		62
360	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	5.4	61
359	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	4.2	61
358	Fly ash disposal and utilization. <i>Journal of Chemical Technology and Biotechnology</i> , 2007 , 47, 281-305	3.5	61
357	Anaerobic digestion of the vegetable fraction of municipal refuses: mesophilic versus thermophilic conditions. <i>Bioprocess and Biosystems Engineering</i> , 1999 , 21, 371		61
356	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	7.9	60
355	Optimisation of olive oil extraction by means of enzyme processing aids using response surface methodology. <i>Biochemical Engineering Journal</i> , 2008 , 42, 34-40	4.2	60
354	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	5.3	59
353	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	14.7	59
352	Copper removal by dry and re-hydrated biomass of <i>Spirulina platensis</i> . <i>Bioresource Technology</i> , 2006 , 97, 1756-60	11	59
351	Batch and fed-batch uptake of carbon dioxide by <i>Spirulina platensis</i> . <i>Process Biochemistry</i> , 2003 , 38, 1341-1346	4.8	59
350	Xylitol production from sugarcane bagasse hydrolysate. <i>Biochemical Engineering Journal</i> , 2005 , 25, 25-31	4.2	58
349	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	7.9	57
348	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, 22-7	5.8	57
347	Purification of xylitol obtained by fermentation of corncob hydrolysates. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 4430-5	5.7	57
346	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, 165-9	4.9	56
345	Production of green surfactants: Market prospects. <i>Electronic Journal of Biotechnology</i> , 2021 , 51, 28-39	3.1	56
344	Fed-batch cultivation of <i>Arthrospira (Spirulina) platensis</i> : potassium nitrate and ammonium chloride as simultaneous nitrogen sources. <i>Bioresource Technology</i> , 2010 , 101, 4491-8	11	53

343	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, 246-55	12.8	52
342	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	14.7	51
341	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	3.7	50
340	Production of <i>Chlorella vulgaris</i> as a source of essential fatty acids in a tubular photobioreactor continuously fed with air enriched with CO ₂ at different concentrations. <i>Biotechnology Progress</i> , 2014 , 30, 916-22	2.8	49
339	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	7	49
338	A Critical Review of Biological Processes and Technologies for Landfill Leachate Treatment. <i>Chemical Engineering and Technology</i> , 2015 , 38, 2115-2126	2	48
337	Phenolics extraction from <i>Agave americana</i> (L.) leaves using high-temperature, high-pressure reactor. <i>Food and Bioprocess Processing</i> , 2012 , 90, 17-21	4.9	48
336	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	3.2	47
335	Hydrolysis and thermophilic anaerobic digestion of sewage sludge and organic fraction of municipal solid waste. <i>Bioprocess and Biosystems Engineering</i> , 1999 , 20, 553		47
334	Lipase-catalyzed degradation of poly(ϵ -caprolactone). <i>Enzyme and Microbial Technology</i> , 2004 , 35, 321-326	6.8	46
333	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	5.3	45
332	Xylitol production by Ca-alginate entrapped cells: comparison of different fermentation systems. <i>Enzyme and Microbial Technology</i> , 2003 , 32, 553-559	3.8	44
331	Toluene vapour removal in a laboratory-scale biofilter. <i>Applied Microbiology and Biotechnology</i> , 2000 , 54, 248-54	5.7	44
330	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	7.8	43
329	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, 370-7	4.9	43
328	Behavior of Triton X-114 cloud point in the presence of inorganic electrolytes. <i>Fluid Phase Equilibria</i> , 2013 , 360, 435-438	2.5	42
327	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	5.4	42
326	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	4.8	42

325	Removal of exhausted oils by adsorption on mixed Ca and Mg oxides. <i>Water Research</i> , 2002 , 36, 899-904	12.5	42
324	Influence of cultivation conditions on xylose-to-xylitol bioconversion by a new isolate of <i>Debaryomyces hansenii</i> . <i>Bioresource Technology</i> , 2008 , 99, 502-8	11	41
323	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	3.8	40
322	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, 702-11	4.9	40
321	Production, purification and characterization of an aspartic protease from <i>Aspergillus foetidus</i> . <i>Food and Chemical Toxicology</i> , 2017 , 109, 1103-1110	4.7	39
320	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	4.2	39
319	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	5.4	39
318	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	12.5	39
317	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	5.4	38
316	Xylitol crystallization from culture media fermented by yeasts. <i>Chemical Engineering and Processing: Process Intensification</i> , 2006 , 45, 1041-1046	3.7	38
315	Xylitol recovery by crystallization from synthetic solutions and fermented hemicellulose hydrolyzates. <i>Chemical Engineering Journal</i> , 2002 , 90, 291-298	14.7	38
314	Thermodynamic investigation of an alkaline protease from <i>Aspergillus tamaris</i> URM4634: A comparative approach between crude extract and purified enzyme. <i>International Journal of Biological Macromolecules</i> , 2018 , 109, 1039-1044	7.9	38
313	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	4.9	37
312	Ammonium and urea removal by <i>Spirulina platensis</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2006 , 33, 8-16	4.2	37
311	Laboratory-scale experiments with a powdered compost biofilter treating benzene-polluted air. <i>Process Biochemistry</i> , 2005 , 40, 2035-2043	4.8	37
310	<i>Arthrospira (Spirulina) platensis</i> cultivation in tubular photobioreactor: Use of no-cost CO ₂ from ethanol fermentation. <i>Applied Energy</i> , 2012 , 92, 379-385	10.7	36
309	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, 6587-92	11	36
308	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	6	36

307	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		36
306	Optimization of xylitol recovery by crystallization from synthetic solutions using response surface methodology. <i>Journal of Food Engineering</i> , 2004 , 61, 407-412	6	36
305	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	4.2	36
304	Metabolic study of the adaptation of the yeast <i>Candida guilliermondii</i> to sugarcane bagasse hydrolysate. <i>Applied Microbiology and Biotechnology</i> , 2001 , 57, 738-43	5.7	36
303	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	3.2	36
302	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	3.8	35
301	Efficient and selective microbial esterification with dry mycelium of <i>Rhizopus oryzae</i> . <i>Journal of Biotechnology</i> , 2001 , 92, 21-6	3.7	35
300	Extraction, isolation and characterization of inulin from <i>Agave sisalana</i> boles. <i>Industrial Crops and Products</i> , 2017 , 108, 355-362	5.9	34
299	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	3.8	34
298	Chromium(III) removal by <i>Spirulina platensis</i> biomass. <i>Chemical Engineering Journal</i> , 2008 , 136, 151-155	14.7	34
297	Microbial succession in a compost-packed biofilter treating benzene-contaminated air. <i>Biodegradation</i> , 2006 , 17, 181-91	4.1	34
296	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	6	34
295	Soil Bioremediation: Overview of Technologies and Trends. <i>Energies</i> , 2020 , 13, 4664	3.1	34
294	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	3.7	33
293	Cultivation of <i>Chlorella vulgaris</i> in tubular photobioreactors: A lipid source for biodiesel production. <i>Biochemical Engineering Journal</i> , 2013 , 81, 120-125	4.2	33
292	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	4.2	33
291	Semi-continuous anaerobic digestion of a food industry wastewater in an anaerobic filter. <i>Bioresource Technology</i> , 2000 , 71, 261-266	11	33
290	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	2.8	32

289	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	3.7	32
288	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	3.7	32
287	Biological removal of phosphorus from wastewaters by alternating aerobic and anaerobic conditions. <i>Water Research</i> , 1995 , 29, 263-269	12.5	32
286	Hydrogenolysis of organochlorinated pollutants: Kinetics and thermodynamics. <i>Journal of Hazardous Materials</i> , 1991 , 27, 127-135	12.8	32
285	Co-digestion of Municipal Sewage Sludges and Pre-hydrolysed Woody Agricultural Wastes. <i>Journal of Chemical Technology and Biotechnology</i> , 1997 , 69, 231-239	3.5	31
284	A kinetic study of <i>Saccharomyces</i> strains: Performance at high sugar concentrations. <i>Biotechnology and Bioengineering</i> , 1985 , 27, 1108-14	4.9	31
283	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, 4459-66	3.3	30
282	Effects of light intensity and dilution rate on the semicontinuous cultivation of <i>Arthrospira (Spirulina) platensis</i> . A kinetic Monod-type approach. <i>Bioresource Technology</i> , 2011 , 102, 3215-9	11	30
281	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	4.2	30
280	Xylose metabolism in <i>Debaryomyces hansenii</i> UFV-170. Effect of the specific oxygen uptake rate. <i>Biotechnology Progress</i> , 2004 , 20, 1641-50	2.8	30
279	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, 15-29	3.2	30
278	Carbon material and bioenergetic balances of xylitol production from corncobs by <i>Debaryomyces hansenii</i> . <i>Biotechnology Progress</i> , 2003 , 19, 706-13	2.8	30
277	Cultivation of <i>Spirulina platensis</i> by continuous process using ammonium chloride as nitrogen source. <i>Biomass and Bioenergy</i> , 2007 , 31, 593-598	5.3	29
276	Treatment of benzene-contaminated airstreams in laboratory-scale biofilters packed with raw and sieved sugarcane bagasse and with peat. <i>Biodegradation</i> , 2004 , 15, 87-96	4.1	29
275	Reactivity and stability of mycelium-bound carboxylesterase from <i>Aspergillus oryzae</i> . <i>Biotechnology and Bioengineering</i> , 2002 , 77, 232-7	4.9	29
274	Nitrate and phosphate removal by <i>Spirulina platensis</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2003 , 30, 656-60	4.2	29
273	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	7.9	28
272	Xylitol production from sugarcane bagasse hydrolyzate in fluidized bed reactor. Effect of air flowrate. <i>Biotechnology Progress</i> , 2003 , 19, 1210-5	2.8	28

271	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	3.8	28
270	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	3	28
269	Two-phase partitioning and partial characterization of a collagenase from <i>Penicillium aurantiogriseum</i> URM4622: Application to collagen hydrolysis. <i>Biochemical Engineering Journal</i> , 2013 , 75, 64-71	4.2	27
268	Removal of proteases from <i>Clostridium perfringens</i> fermented broth by aqueous two-phase systems (PEG/citrate). <i>Journal of Industrial Microbiology and Biotechnology</i> , 2007 , 34, 547-52	4.2	27
267	Continuous extraction of ß-toxin from a fermented broth of <i>Clostridium perfringens</i> Type A in perforated rotating disc contactor using aqueous two-phase PEG-phosphate system. <i>Chemical Engineering and Processing: Process Intensification</i> , 2008 , 47, 1771-1776	3.7	27
266	Extraction of phenolic compounds from <i>Vitex agnus-castus</i> L.. <i>Food and Bioproducts Processing</i> , 2012 , 90, 748-754	4.9	26
265	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	3.5	26
264	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	4.2	25
263	Doxycycline Degradation by the Oxidative Fenton Process. <i>Journal of Chemistry</i> , 2015 , 2015, 1-9	2.3	25
262	Use of immobilized <i>Candida</i> yeast cells for xylitol production from sugarcane bagasse hydrolysate: cell immobilization conditions. <i>Applied Biochemistry and Biotechnology</i> , 2002 , 98-100, 489-96	3.2	25
261	Generalized linearization of kinetics of glucose isomerization to fructose by immobilized glucose isomerase. <i>Biotechnology and Bioengineering</i> , 1999 , 63, 273-84	4.9	25
260	Production and formulation of a new low-cost biosurfactant to remediate oil-contaminated seawater. <i>Journal of Biotechnology</i> , 2019 , 295, 71-79	3.7	24
259	Effects of carbon and nitrogen sources and oxygenation on the production of inulinase by <i>Kluyveromyces marxianus</i> . <i>Applied Biochemistry and Biotechnology</i> , 2009 , 152, 249-61	3.2	24
258	Bioconversion of d-xylose to xylitol by <i>Debaryomyces hansenii</i> UFV-170: Product formation versus growth. <i>Process Biochemistry</i> , 2005 , 40, 3600-3606	4.8	24
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256	A new bioenergetic and thermodynamic approach to batch photoautotrophic growth of <i>Arthrospira (Spirulina) platensis</i> in different photobioreactors and under different light conditions. <i>Bioresource Technology</i> , 2016 , 207, 220-8	11	23
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