

# Solange InÃs Mussatto

## List of Publications by Year in descending order

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197  
papers

14,799  
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24978

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21474

114  
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206  
all docs

206  
docs citations

206  
times ranked

13601  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainable Aviation Fuels: Production, Use and Impact on Decarbonization. , 2022, , 348-371.		2
2	Model development for the optimization of operational conditions of the pretreatment of wheat straw. Chemical Engineering Journal, 2022, 430, 133106.	6.6	7
3	Scaling up xylitol bioproduction: Challenges to achieve a profitable bioprocess. Renewable and Sustainable Energy Reviews, 2022, 154, 111789.	8.2	37
4	Subcritical water hydrolysis of poultry feathers for amino acids production. Journal of Supercritical Fluids, 2022, 181, 105492.	1.6	16
5	Bacteriocin-like inhibitory substances production by Enterococcus faecium 135 in co-culture with Lactobacillus salivarius and Limosilactobacillus reuteri. Brazilian Journal of Microbiology, 2022, 53, 131-141.	0.8	12
6	Dry Anaerobic Digestion of Food Industry by-Products and Bioenergy Recovery: A Perspective to Promote the Circular Economy Transition. Waste and Biomass Valorization, 2022, 13, 2575-2589.	1.8	13
7	Production of process flavorings from methionine, thiamine with d-xylose or dextrose by direct extrusion: Physical properties and volatile profiles. Journal of Food Science, 2022, , .	1.5	4
8	Valorization of Pinus taeda hemicellulosic hydrolysate for the production of value-added compounds in an ethanol biorefinery. Fuel, 2022, 318, 123489.	3.4	5
9	Recovery of sugars and amino acids from brewers' spent grains using subcritical water hydrolysis in a single and two sequential semi-continuous flow-through reactors. Food Research International, 2022, 157, 111470.	2.9	25
10	Biobased biorefineries: Sustainable bioprocesses and bioproducts from biomass/bioresources special issue. Renewable and Sustainable Energy Reviews, 2022, 167, 112683.	8.2	12
11	The Consistency of Yields and Chemical Composition of HTL Bio-Oils from Lignins Produced by Different Preprocessing Technologies. Energies, 2022, 15, 4707.	1.6	4
12	A spatially explicit assessment of sugarcane vinasse as a sustainable by-product. Science of the Total Environment, 2021, 765, 142717.	3.9	27
13	Xylanase pretreatment of energy cane enables facile cellulose nanocrystal isolation. Cellulose, 2021, 28, 799-812.	2.4	10
14	Bioprocess intensification: Cases that (don't) work. New Biotechnology, 2021, 61, 108-115.	2.4	7
15	A critical assessment of the Flory-Huggins (FH) theory to predict aqueous two-phase behaviour. Separation and Purification Technology, 2021, 255, 117636.	3.9	7
16	Strategies for an improved extraction and separation of lipids and carotenoids from oleaginous yeast. Separation and Purification Technology, 2021, 257, 117946.	3.9	32
17	Preparation and properties of biodegradable cat litter produced from cassava (Manihot esculenta L.) Tj ETQq1 1 0.784314 rgBT /Over 0.2 8		
18	Brazilian biorefineries from second generation biomass: critical insights from industry and future perspectives. Biofuels, Bioproducts and Biorefining, 2021, 15, 1190-1208.	1.9	40

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19	Techno-economic assessment of bioenergy and fertilizer production by anaerobic digestion of brewer's spent grains in a biorefinery concept. <i>Journal of Cleaner Production</i> , 2021, 297, 126600.	4.6	51
20	Adaptive laboratory evolution of <i>Rhodospiridium toruloides</i> to inhibitors derived from lignocellulosic biomass and genetic variations behind evolution. <i>Bioresource Technology</i> , 2021, 333, 125171.	4.8	42
21	Transformation of sugarcane molasses into fructooligosaccharides with enhanced prebiotic activity using whole-cell biocatalysts from <i>Aureobasidium pullulans</i> FRR 5284 and an invertase-deficient <i>Saccharomyces cerevisiae</i> 1403-7A. <i>Bioresources and Bioprocessing</i> , 2021, 8, .	2.0	3
22	A bibliometric analysis on potential uses of brewer's spent grains in a biorefinery for the circular economy transition of the beer industry. <i>Biofuels, Bioproducts and Biorefining</i> , 2021, 15, 1965-1988.	1.9	43
23	Production of xylitol and carotenoids from switchgrass and <i>Eucalyptus globulus</i> hydrolysates obtained by intensified steam explosion pretreatment. <i>Industrial Crops and Products</i> , 2021, 170, 113800.	2.5	31
24	Effects of inhibitory compounds derived from lignocellulosic biomass on the growth of the wild-type and evolved oleaginous yeast <i>Rhodospiridium toruloides</i> . <i>Industrial Crops and Products</i> , 2021, 170, 113799.	2.5	32
25	Maximizing the simultaneous production of lipids and carotenoids by <i>Rhodospiridium toruloides</i> from wheat straw hydrolysate and perspectives for large-scale implementation. <i>Bioresource Technology</i> , 2021, 340, 125598.	4.8	23
26	Techno-economic assessment of subcritical water hydrolysis process for sugars production from brewer's spent grains. <i>Industrial Crops and Products</i> , 2021, 171, 113836.	2.5	27
27	Properties and volatile profile of process flavorings prepared from d-xylose with glycine, alanine or valine by direct extrusion method. <i>Food Bioscience</i> , 2021, 44, 101371.	2.0	8
28	New trends in bioprocesses for lignocellulosic biomass and CO <sub>2</sub> utilization. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 152, 111620.	8.2	27
29	Effects of Inhibitory Compounds Present in Lignocellulosic Biomass Hydrolysates on the Growth of <i>Bacillus subtilis</i> . <i>Energies</i> , 2021, 14, 8419.	1.6	8
30	Lipid and carotenoid production from wheat straw hydrolysates by different oleaginous yeasts. <i>Journal of Cleaner Production</i> , 2020, 249, 119308.	4.6	61
31	Surrogate Modelling Based Uncertainty and Sensitivity Analysis for the Downstream Process Design of a Xylitol Biorefinery. <i>Computer Aided Chemical Engineering</i> , 2020, , 1663-1668.	0.3	3
32	An overview of subcritical and supercritical water treatment of different biomasses for protein and amino acids production and recovery. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104406.	3.3	43
33	L-asparaginase Production by <i>Leucosporidium scottii</i> in a Bench-Scale Bioreactor With Co-production of Lipids. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 576511.	2.0	13
34	Enzymatic Hydrolysis of Sugarcane Bagasse in Aqueous Two-Phase Systems (ATPS): Exploration and Conceptual Process Design. <i>Frontiers in Chemistry</i> , 2020, 8, 587.	1.8	6
35	Production of 5-Hydroxymethylfurfural from Direct Conversion of Cellulose Using Heteropolyacid/Nb <sub>2</sub> O <sub>5</sub> as Catalyst. <i>Catalysts</i> , 2020, 10, 1417.	1.6	12
36	A comprehensive review of engineered biochar: Production, characteristics, and environmental applications. <i>Journal of Cleaner Production</i> , 2020, 270, 122462.	4.6	207

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37	Synthesis and Application of Heterogeneous Catalysts Based on Heteropolyacids for 5-Hydroxymethylfurfural Production from Glucose. <i>Energies</i> , 2020, 13, 655.	1.6	19
38	Innovation and strategic orientations for the development of advanced biorefineries. <i>Bioresource Technology</i> , 2020, 302, 122847.	4.8	152
39	Production of Itaconic Acid from Cellulose Pulp: Feedstock Feasibility and Process Strategies for an Efficient Microbial Performance. <i>Energies</i> , 2020, 13, 1654.	1.6	26
40	Ethanol Production from High Solid Loading of Rice Straw by Simultaneous Saccharification and Fermentation in a Non-Conventional Reactor. <i>Energies</i> , 2020, 13, 2090.	1.6	18
41	Exploiting new biorefinery models using non-conventional yeasts and their implications for sustainability. <i>Bioresource Technology</i> , 2020, 309, 123374.	4.8	26
42	Green synthesis of silver nanoparticles using acacia lignin, their cytotoxicity, catalytic, metal ion sensing capability and antibacterial activity. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103296.	3.3	101
43	Production of biofuel precursors and value-added chemicals from hydrolysates resulting from hydrothermal processing of biomass: A review. <i>Biomass and Bioenergy</i> , 2019, 130, 105397.	2.9	62
44	Isolation and physicochemical characterization of different lignin streams generated during the second-generation ethanol production process. <i>International Journal of Biological Macromolecules</i> , 2019, 129, 497-510.	3.6	20
45	A robotic platform to screen aqueous two-phase systems for overcoming inhibition in enzymatic reactions. <i>Bioresource Technology</i> , 2019, 280, 37-50.	4.8	8
46	Integration of subcritical water pretreatment and anaerobic digestion technologies for valorization of aAçai processing industries residues. <i>Journal of Cleaner Production</i> , 2019, 228, 1131-1142.	4.6	50
47	Pretreatment of switchgrass by steam explosion in a semi-continuous pre-pilot reactor. <i>Biomass and Bioenergy</i> , 2019, 121, 41-47.	2.9	39
48	Production of a Transfructosylating Enzymatic Activity Associated to Fructooligosaccharides. <i>Energy, Environment, and Sustainability</i> , 2019, , 345-355.	0.6	3
49	Fructo-oligosaccharides (FOS) production by fungal submerged culture using aguamiel as a low-cost by-product. <i>LWT - Food Science and Technology</i> , 2019, 102, 75-79.	2.5	22
50	Ethanol Production from Brewersâ€™ Spent Grain Pretreated by Dilute Phosphoric Acid. <i>Energy &amp; Fuels</i> , 2018, 32, 5226-5233.	2.5	51
51	Waste Management Strategies; the State of the Art. <i>Biofuel and Biorefinery Technologies</i> , 2018, , 1-33.	0.1	6
52	Comparative evaluation of acid and alkaline sulfite pretreatments for enzymatic saccharification of bagasses from three different sugarcane hybrids. <i>Biotechnology Progress</i> , 2018, 34, 944-951.	1.3	6
53	Integrated 1st and 2nd generation sugarcane bio-refinery for jet fuel production in Brazil: Techno-economic and greenhouse gas emissions assessment. <i>Renewable Energy</i> , 2018, 129, 733-747.	4.3	69
54	Xylitol production by <i>Debaryomyces hansenii</i> and <i>Candida guilliermondii</i> from rapeseed straw hemicellulosic hydrolysate. <i>Bioresource Technology</i> , 2018, 247, 736-743.	4.8	83

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55	Hydrodynamic cavitation as a strategy to enhance the efficiency of lignocellulosic biomass pretreatment. <i>Critical Reviews in Biotechnology</i> , 2018, 38, 483-493.	5.1	61
56	Sugarcane bagasse hydrolysate as a potential feedstock for red pigment production by <i>Monascus ruber</i> . <i>Food Chemistry</i> , 2018, 245, 786-791.	4.2	65
57	Production and physicochemical properties of carboxymethyl cellulose films enriched with spent coffee grounds polysaccharides. <i>International Journal of Biological Macromolecules</i> , 2018, 106, 647-655.	3.6	80
58	Increasing the Sustainability of the Coffee Agro-Industry: Spent Coffee Grounds as a Source of New Beverages. <i>Beverages</i> , 2018, 4, 105.	1.3	26
59	Evaluation of different pretreatment strategies for protein extraction from brewer's spent grains. <i>Industrial Crops and Products</i> , 2018, 125, 443-453.	2.5	73
60	Advances and opportunities in biomass conversion technologies and biorefineries for the development of a bio-based economy. <i>Biomass and Bioenergy</i> , 2018, 119, 54-60.	2.9	120
61	Anaerobic digestion process: technological aspects and recent developments. <i>International Journal of Environmental Science and Technology</i> , 2018, 15, 2033-2046.	1.8	89
62	Synthesis and characterization of silver nanoparticles loaded poly(vinyl alcohol)-lignin electrospun nanofibers and their antimicrobial activity. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 763-767.	3.6	105
63	Start-up phase of a two-stage anaerobic co-digestion process: hydrogen and methane production from food waste and vinasse from ethanol industry. <i>Biofuel Research Journal</i> , 2018, 5, 813-820.	7.2	38
64	Development of an acetic acid tolerant <i>Spathaspora passalidarum</i> strain through evolutionary engineering with resistance to inhibitors compounds of autohydrolysate of <i>Eucalyptus globulus</i> . <i>Industrial Crops and Products</i> , 2017, 106, 5-11.	2.5	36
65	Encapsulation of antioxidant phenolic compounds extracted from spent coffee grounds by freeze-drying and spray-drying using different coating materials. <i>Food Chemistry</i> , 2017, 237, 623-631.	4.2	308
66	Hyaluronidase-inhibitory activities of glycosaminoglycans from <i>Liparis tessellatus</i> eggs. <i>Carbohydrate Polymers</i> , 2017, 161, 16-20.	5.1	10
67	Alkaline deacetylation as a strategy to improve sugars recovery and ethanol production from rice straw hemicellulose and cellulose. <i>Industrial Crops and Products</i> , 2017, 106, 65-73.	2.5	68
68	Extraction of polysaccharides by autohydrolysis of spent coffee grounds and evaluation of their antioxidant activity. <i>Carbohydrate Polymers</i> , 2017, 157, 258-266.	5.1	99
69	Bench scale steam explosion pretreatment of acid impregnated elephant grass biomass and its impacts on biomass composition, structure and hydrolysis. <i>Industrial Crops and Products</i> , 2017, 106, 48-58.	2.5	49
70	Optimization of autohydrolysis conditions to extract antioxidant phenolic compounds from spent coffee grounds. <i>Journal of Food Engineering</i> , 2017, 199, 1-8.	2.7	88
71	Techno-economic assessment of biorefinery technologies for aviation biofuels supply chains in Brazil. <i>Biofuels, Bioproducts and Biorefining</i> , 2017, 11, 67-91.	1.9	68
72	Physicochemical Characterization of the Yeast Cells and Lignocellulosic Waste Used in Cell Immobilization for Ethanol Production. , 2017, , .		1

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73	A vertical ball mill as a new reactor design for biomass hydrolysis and fermentation process. <i>Renewable Energy</i> , 2017, 114, 775-780.	4.3	9
74	Propiedades químicas, estructurales y funcionales de la lechuguilla (Agave lechuguilla Torr.). <i>Revista Mexicana De Ciencias Forestales</i> , 2017, 8, .	0.1	3
75	Biomass Pretreatment With Acids. , 2016, , 169-185.		10
76	Technoeconomic Considerations for Biomass Fractionation in a Biorefinery Context. , 2016, , 587-610.		6
77	Enhancement of fructosyltransferase and fructooligosaccharides production by <i>A. oryzae</i> DIA-MF in Solid-State Fermentation using aguamiel as culture medium. <i>Bioresource Technology</i> , 2016, 213, 276-282.	4.8	48
78	Improvement on d-xylose to Xylitol Biotransformation by <i>Candida guilliermondii</i> Using Cells Permeabilized with Triton X-100 and Selected Process Conditions. <i>Applied Biochemistry and Biotechnology</i> , 2016, 180, 969-979.	1.4	14
79	Biotechnological production and application of fructooligosaccharides. <i>Critical Reviews in Biotechnology</i> , 2016, 36, 259-267.	5.1	93
80	Xylitol production in immobilized cultures: a recent review. <i>Critical Reviews in Biotechnology</i> , 2016, 36, 691-704.	5.1	27
81	Production of thermostable xylanase by thermophilic fungal strains isolated from maize silage. <i>CYTA - Journal of Food</i> , 2016, 14, 302-308.	0.9	32
82	Isolation of polyphenols from spent coffee grounds and silverskin by mild hydrothermal pretreatment. <i>Preparative Biochemistry and Biotechnology</i> , 2016, 46, 406-409.	1.0	55
83	Techno-economic evaluation of strategies based on two steps organosolv pretreatment and enzymatic hydrolysis of sugarcane bagasse for ethanol production. <i>Renewable Energy</i> , 2016, 86, 270-279.	4.3	51
84	Biomass Pretreatment, Biorefineries, and Potential Products for a Bioeconomy Development. , 2016, , 1-22.		35
85	A closer look at the developments and impact of biofuels in transport and environment; what are the next steps?. <i>Biofuel Research Journal</i> , 2016, 3, 331-331.	7.2	18
86	Cellulose: a key polymer for a greener, healthier, and bio-based future. <i>Biofuel Research Journal</i> , 2016, 3, 482-482.	7.2	14
87	Aloe vera and Probiotics: A New Alternative to Symbiotic Functional Foods. <i>Annual Research &amp; Review in Biology</i> , 2016, 9, 1-11.	0.4	7
88	An approach to cellulase recovery from enzymatic hydrolysis of pretreated sugarcane bagasse with high lignin content. <i>Biocatalysis and Biotransformation</i> , 2015, 33, 287-297.	1.1	9
89	Fixed-Bed Column Process as a Strategy for Separation and Purification of Cephamecin C from Fermented Broth. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 3018-3026.	1.8	3
90	Enzyme-assisted extraction of anticoagulant polysaccharide from <i>Liparis tessellatus</i> eggs. <i>International Journal of Biological Macromolecules</i> , 2015, 74, 601-607.	3.6	9

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91	Gallic Acid Production with Mouldy Polyurethane Particles Obtained from Solid State Culture of <i>Aspergillus niger</i> GH1. <i>Applied Biochemistry and Biotechnology</i> , 2015, 176, 1131-1140.	1.4	16
92	Influence of thermal effect on sugars composition of Mexican Agave syrup. <i>CYTA - Journal of Food</i> , 2015, , 1-6.	0.9	15
93	Characterization of polysaccharides extracted from spent coffee grounds by alkali pretreatment. <i>Carbohydrate Polymers</i> , 2015, 127, 347-354.	5.1	142
94	Economic analysis and environmental impact assessment of three different fermentation processes for fructooligosaccharides production. <i>Bioresource Technology</i> , 2015, 198, 673-681.	4.8	23
95	Microwave-Assisted Extraction of Fucoïdan from Marine Algae. <i>Methods in Molecular Biology</i> , 2015, 1308, 151-157.	0.4	6
96	Generating Biomedical Polyphenolic Compounds from Spent Coffee or Silverskin. , 2015, , 93-106.		15
97	TYPICAL MEXICAN AGROINDUSTRIAL RESIDUES AS SUPPORTS FOR SOLID-STATE FERMENTATION. <i>American Journal of Agricultural and Biological Science</i> , 2014, 9, 289-293.	0.9	6
98	Integrated continuous winemaking process involving sequential alcoholic and malolactic fermentations with immobilized cells. <i>Process Biochemistry</i> , 2014, 49, 1-9.	1.8	18
99	Chemical composition and antioxidant activity of sulphated polysaccharides extracted from <i>Fucus vesiculosus</i> using different hydrothermal processes. <i>Chemical Papers</i> , 2014, 68, .	1.0	54
100	Selection of the Solvent and Extraction Conditions for Maximum Recovery of Antioxidant Phenolic Compounds from Coffee Silverskin. <i>Food and Bioprocess Technology</i> , 2014, 7, 1322-1332.	2.6	80
101	Brewer's spent grain: a valuable feedstock for industrial applications. <i>Journal of the Science of Food and Agriculture</i> , 2014, 94, 1264-1275.	1.7	370
102	Consecutive alcoholic fermentations of white grape musts with yeasts immobilized on grape skins "Effect of biocatalyst storage and SO <sub>2</sub> concentration on wine characteristics. <i>LWT - Food Science and Technology</i> , 2014, 59, 1114-1122.	2.5	12
103	Restructuring the processes for furfural and xylose production from sugarcane bagasse in a biorefinery concept for ethanol production. <i>Chemical Engineering and Processing: Process Intensification</i> , 2014, 85, 196-202.	1.8	35
104	Reactive dyes and textile effluent decolorization by a mediator system of salt-tolerant laccase from <i>Peniophora cinerea</i> . <i>Separation and Purification Technology</i> , 2014, 135, 183-189.	3.9	31
105	Chemical, Functional, and Structural Properties of Spent Coffee Grounds and Coffee Silverskin. <i>Food and Bioprocess Technology</i> , 2014, 7, 3493-3503.	2.6	532
106	Antibacterial activity of crude methanolic extract and fractions obtained from <i>Larrea tridentata</i> leaves. <i>Industrial Crops and Products</i> , 2013, 41, 306-311.	2.5	58
107	Decolorization of salt-alkaline effluent with industrial reactive dyes by laccase-producing basidiomycetes strains. <i>Letters in Applied Microbiology</i> , 2013, 56, 283-290.	1.0	23
108	Maximization of Fructooligosaccharides and $\beta$ -Fructofuranosidase Production by <i>Aspergillus japonicus</i> under Solid-State Fermentation Conditions. <i>Food and Bioprocess Technology</i> , 2013, 6, 2128-2134.	2.6	50

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109	Techno-economic analysis for brewerâ€™s spent grains use on a biorefinery concept: The Brazilian case. <i>Bioresource Technology</i> , 2013, 148, 302-310.	4.8	100
110	Laccase production by free and immobilized mycelia of <i>Peniophora cinerea</i> and <i>Trametes versicolor</i> : a comparative study. <i>Bioprocess and Biosystems Engineering</i> , 2013, 36, 365-373.	1.7	25
111	Extraction of sulfated polysaccharides by autohydrolysis of brown seaweed <i>Fucus vesiculosus</i> . <i>Journal of Applied Phycology</i> , 2013, 25, 31-39.	1.5	67
112	Recovery of <i>Peniophora cinerea</i> laccase using aqueous two-phase systems composed by ethylene oxide/propylene oxide copolymer and potassium phosphate salts. <i>Journal of Chromatography A</i> , 2013, 1321, 14-20.	1.8	26
113	Fungal fucoidanase production by solid-state fermentation in a rotating drum bioreactor using algal biomass as substrate. <i>Food and Bioprocesses Processing</i> , 2013, 91, 587-594.	1.8	43
114	Influence of extraction solvents on the recovery of antioxidant phenolic compounds from brewerâ€™s spent grains. <i>Separation and Purification Technology</i> , 2013, 108, 152-158.	3.9	287
115	Malolactic fermentation of wines with immobilised lactic acid bacteria â€“ Influence of concentration, type of support material and storage conditions. <i>Food Chemistry</i> , 2013, 138, 1510-1514.	4.2	42
116	Influence of trace elements supplementation on the production of recombinant frutalin by <i>Pichia pastoris</i> KM71H in fed-batch process. <i>Chemical Papers</i> , 2013, 67, .	1.0	5
117	Solid-State Fermentation as a Strategy to Improve the Bioactive Compounds Recovery from <i>Larrea tridentata</i> Leaves. <i>Applied Biochemistry and Biotechnology</i> , 2013, 171, 1227-1239.	1.4	24
118	Production, chemical characterization, and sensory profile of a novel spirit elaborated from spent coffee ground. <i>LWT - Food Science and Technology</i> , 2013, 54, 557-563.	2.5	57
119	Adaptation of a flocculent <i>Saccharomyces cerevisiae</i> strain to lignocellulosic inhibitors by cell recycle batch fermentation. <i>Applied Energy</i> , 2013, 102, 124-130.	5.1	43
120	Beer. <i>Contemporary Food Engineering</i> , 2013, , 429-444.	0.2	0
121	Production of white wine by <i>Saccharomyces cerevisiae</i> immobilized on grape pomace. <i>Journal of the Institute of Brewing</i> , 2012, 118, 163-173.	0.8	23
122	Optimal glucose and inoculum concentrations for production of bioactive molecules by <i>Paenibacillus polymyxa</i> RNC-D. <i>Chemical Papers</i> , 2012, 66, .	1.0	8
123	Application of Xylitol in Food Formulations and Benefits for Health. , 2012, , 309-323.		17
124	Production of fructooligosaccharides and Î²-fructofuranosidase by batch and repeated batch fermentation with immobilized cells of <i>Penicillium expansum</i> . <i>European Food Research and Technology</i> , 2012, 235, 13-22.	1.6	27
125	Interference of some aqueous two-phase system phase-forming components in protein determination by the Bradford method. <i>Analytical Biochemistry</i> , 2012, 421, 719-724.	1.1	37
126	Sugars metabolism and ethanol production by different yeast strains from coffee industry wastes hydrolysates. <i>Applied Energy</i> , 2012, 92, 763-768.	5.1	193



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127	Growth of fungal strains on coffee industry residues with removal of polyphenolic compounds. <i>Biochemical Engineering Journal</i> , 2012, 60, 87-90.	1.8	81
128	Fermentation medium and oxygen transfer conditions that maximize the xylose conversion to ethanol by <i>Pichia stipitis</i> . <i>Renewable Energy</i> , 2012, 37, 259-265.	4.3	62
129	Bioactive compounds (phytoestrogens) recovery from <i>Larrea tridentata</i> leaves by solvents extraction. <i>Separation and Purification Technology</i> , 2012, 88, 163-167.	3.9	47
130	Ethanol production from xylose by <i>Pichia stipitis</i> NRRL Y-7124 in a stirred tank bioreactor. <i>Brazilian Journal of Chemical Engineering</i> , 2011, 28, 151-156.	0.7	40
131	Extraction of antioxidant phenolic compounds from spent coffee grounds. <i>Separation and Purification Technology</i> , 2011, 83, 173-179.	3.9	311
132	Evaluating the potential of wine-making residues and corn cobs as support materials for cell immobilization for ethanol production. <i>Industrial Crops and Products</i> , 2011, 34, 979-985.	2.5	40
133	Bioactive phenolic compounds: Production and extraction by solid-state fermentation. A review. <i>Biotechnology Advances</i> , 2011, 29, 365-373.	6.0	547
134	Inhibitory action of toxic compounds present in lignocellulosic hydrolysates on xylose to xylitol bioconversion by <i>Candida guilliermondii</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2011, 38, 71-78.	1.4	39
135	Production, Composition, and Application of Coffee and Its Industrial Residues. <i>Food and Bioprocess Technology</i> , 2011, 4, 661-672.	2.6	692
136	Ethanol production by a new pentose-fermenting yeast strain, <i>Scheffersomyces stipitis</i> UFMG-IMH 43.2, isolated from the Brazilian forest. <i>Yeast</i> , 2011, 28, 547-554.	0.8	41
137	The effect of organosolv pretreatment variables on enzymatic hydrolysis of sugarcane bagasse. <i>Chemical Engineering Journal</i> , 2011, 168, 1157-1162.	6.6	183
138	A study on chemical constituents and sugars extraction from spent coffee grounds. <i>Carbohydrate Polymers</i> , 2011, 83, 368-374.	5.1	325
139	Microwave-assisted extraction of sulfated polysaccharides (fucoidan) from brown seaweed. <i>Carbohydrate Polymers</i> , 2011, 86, 1137-1144.	5.1	325
140	Optimal fermentation conditions for maximizing the ethanol production by <i>Kluyveromyces fragilis</i> from cheese whey powder. <i>Biomass and Bioenergy</i> , 2011, 35, 1977-1982.	2.9	63
141	The Influence of Initial Xylose Concentration, Agitation, and Aeration on Ethanol Production by <i>Pichia stipitis</i> from Rice Straw Hemicellulosic Hydrolysate. <i>Applied Biochemistry and Biotechnology</i> , 2010, 162, 1306-1315.	1.4	70
142	Fucoidan-Degrading Fungal Strains: Screening, Morphometric Evaluation, and Influence of Medium Composition. <i>Applied Biochemistry and Biotechnology</i> , 2010, 162, 2177-2188.	1.4	42
143	Fructooligosaccharide production by <i>Penicillium expansum</i> . <i>Biotechnology Letters</i> , 2010, 32, 837-840.	1.1	52
144	Technological trends, global market, and challenges of bio-ethanol production. <i>Biotechnology Advances</i> , 2010, 28, 817-830.	6.0	585

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145	An approach to optimization of enzymatic hydrolysis from sugarcane bagasse based on organosolv pretreatment. <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 1092-1098.	1.6	58
146	Kinetic study of nordihydroguaiaretic acid recovery from <i>Larrea tridentata</i> by microwave-assisted extraction. <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 1142-1147.	1.6	36
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148	Optimization of sulphated polysaccharides recovery from brown seaweeds by microwave-assisted extraction. <i>Journal of Biotechnology</i> , 2010, 150, 394-395.	1.9	2
149	Cultivation of fungal strains using coffee industry residues as alternative growth substrates. <i>Journal of Biotechnology</i> , 2010, 150, 401-401.	1.9	0
150	Antioxidant capacity and NDGA content of <i>Larrea tridentata</i> (a desert bush) leaves extracted with different solvents. <i>Journal of Biotechnology</i> , 2010, 150, 500-500.	1.9	3
151	Production, characterization and application of activated carbon from brewer's spent grain lignin. <i>Bioresource Technology</i> , 2010, 101, 2450-2457.	4.8	114
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155	Characterisation of volatile compounds in an alcoholic beverage produced by whey fermentation. <i>Food Chemistry</i> , 2009, 112, 929-935.	4.2	181
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157	Biotechnological Potential of Brewing Industry By-Products. , 2009, , 313-326.		34
158	Hydrogen peroxide bleaching of cellulose pulps obtained from brewer's spent grain. <i>Cellulose</i> , 2008, 15, 641-649.	2.4	52
159	The effect of agitation speed, enzyme loading and substrate concentration on enzymatic hydrolysis of cellulose from brewer's spent grain. <i>Cellulose</i> , 2008, 15, 711-721.	2.4	82
160	Influence of temperature on continuous high gravity brewing with yeasts immobilized on spent grains. <i>European Food Research and Technology</i> , 2008, 228, 257-264.	1.6	19
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162	Effects of medium supplementation and pH control on lactic acid production from brewer's spent grain. <i>Biochemical Engineering Journal</i> , 2008, 40, 437-444.	1.8	102

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164	Optimal Experimental Condition for Hemicellulosic Hydrolyzate Treatment with Activated Charcoal for Xylitol Production. <i>Biotechnology Progress</i> , 2008, 20, 134-139.	1.3	88
165	Kinetic Behavior of <i>Candida guilliermondii</i> Yeast during Xylitol Production from Brewer's Spent Grain Hemicellulosic Hydrolysate. <i>Biotechnology Progress</i> , 2008, 21, 1352-1356.	1.3	22
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