

Juan Carlos Parajá³

List of Publications by Year in descending order

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217
papers

12,419
citations

23567

58
h-index

31849

101
g-index

218
all docs

218
docs citations

218
times ranked

9747
citing authors

#	ARTICLE	IF	CITATIONS
1	Fractionation of <i>Eucalyptus regnans</i> wood: properties of the soluble products and reactivity of the treated solids. <i>Journal of Wood Chemistry and Technology</i> , 2022, 42, 46-57.	1.7	1
2	Evaluation of Acidic Ionic Liquids as Catalysts for Furfural Production from <i>Eucalyptus nitens</i> Wood. <i>Molecules</i> , 2022, 27, 4258.	3.8	2
3	Sustainable Production of Furfural in Biphasic Reactors Using Terpenoids and Hydrophobic Eutectic Solvents. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 10266-10275.	6.7	21
4	Single-Stage Fractionation of Vine Shoots Using Microwave Heating. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7954.	2.5	3
5	Organosolv processing of vine shoots: Fractionation and conversion of hemicellulosic sugars into platform chemicals by microwave irradiation. <i>Bioresource Technology</i> , 2021, 342, 125967.	9.6	19
6	Biomimetic Vanadate and Molybdate Systems for Oxidative Upgrading of Ligno- and Organosolv Hard- and Softwood Lignins. <i>Processes</i> , 2020, 8, 1161.	2.8	3
7	A biorefinery strategy for the manufacture and characterization of oligosaccharides and antioxidants from poplar hemicelluloses. <i>Food and Bioproducts Processing</i> , 2020, 123, 398-408.	3.6	12
8	Prebiotic effects of pectooligosaccharides obtained from lemon peel on the microbiota from elderly donors using an <i>in vitro</i> continuous colon model (TIM-2). <i>Food and Function</i> , 2020, 11, 9984-9999.	4.6	21
9	Performance of 1-(3-Sulfopropyl)-3-Methylimidazolium Hydrogen Sulfate as a Catalyst for Hardwood Upgrading into Bio-Based Platform Chemicals. <i>Catalysts</i> , 2020, 10, 937.	3.5	2
10	Delignification of autohydrolyzed wood in media containing water and a protic ionic liquid. <i>Journal of Wood Chemistry and Technology</i> , 2020, 40, 235-247.	1.7	7
11	One-Pot Processing of <i>Eucalyptus globulus</i> Wood under Microwave Heating: Simultaneous Delignification and Polysaccharide Conversion into Platform Chemicals. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 10115-10124.	6.7	8
12	Pretreatment of Hazelnut Shells as a Key Strategy for the Solubilization and Valorization of Hemicelluloses into Bioactive Compounds. <i>Agronomy</i> , 2020, 10, 760.	3.0	16
13	Manufacture of Platform Chemicals from Pine Wood Polysaccharides in Media Containing Acidic Ionic Liquids. <i>Polymers</i> , 2020, 12, 1215.	4.5	10
14	Potential of High- and Low-Acetylated Galactoglucomannooligosaccharides as Modulators of the Microbiota Composition and Their Activity: A Comparison Using the <i>In Vitro</i> Model of the Human Colon TIM-2. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 7617-7629.	5.2	8
15	One-Pot Alcoholysis of the Lignocellulosic <i>Eucalyptus nitens</i> Biomass to n-Butyl Levulinate, a Valuable Additive for Diesel Motor Fuel. <i>Catalysts</i> , 2020, 10, 509.	3.5	33
16	Autocatalytic Fractionation of Wood Hemicelluloses: Modeling of Multistage Operation. <i>Catalysts</i> , 2020, 10, 337.	3.5	3
17	Technologies for <i>Eucalyptus</i> wood processing in the scope of biorefineries: A comprehensive review. <i>Bioresource Technology</i> , 2020, 311, 123528.	9.6	35
18	Characterization of <i>Eucalyptus nitens</i> Lignins Obtained by Biorefinery Methods Based on Ionic Liquids. <i>Molecules</i> , 2020, 25, 425.	3.8	10

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19	Biorefinery processes for the valorization of <i>Miscanthus</i> polysaccharides: from constituent sugars to platform chemicals. <i>Industrial Crops and Products</i> , 2019, 134, 309-317.	5.2	29
20	Multi-Stage Hydrothermal Processing of <i>Eucalyptus Globulus</i> Wood: An Experimental Assessment. <i>Journal of Wood Chemistry and Technology</i> , 2019, 39, 329-342.	1.7	4
21	Emerging prebiotics obtained from lemon and sugar beet byproducts: Evaluation of their in vitro fermentability by probiotic bacteria. <i>LWT - Food Science and Technology</i> , 2019, 109, 17-25.	5.2	37
22	Assesment on the chemical fractionation of <i>Eucalyptus nitens</i> wood: Characterization of the products derived from the structural components. <i>Bioresource Technology</i> , 2019, 281, 269-276.	9.6	17
23	Selective fractionation and enzymatic hydrolysis of <i>Eucalyptus nitens</i> wood. <i>Cellulose</i> , 2019, 26, 1125-1139.	4.9	16
24	Manufacture of Furfural from Xylan-containing Biomass by Acidic Processing of Hemicellulose-Derived Saccharides in Biphasic Media Using Microwave Heating. <i>Journal of Wood Chemistry and Technology</i> , 2018, 38, 198-213.	1.7	19
25	Targeting sustainable bioeconomy: A new development strategy for Southern European countries. The Manifesto of the European Mezzogiorno. <i>Journal of Cleaner Production</i> , 2018, 172, 3931-3941.	9.3	42
26	Valorization of peanut shells: Manufacture of bioactive oligosaccharides. <i>Carbohydrate Polymers</i> , 2018, 183, 21-28.	10.2	64
27	A Biorefinery Cascade Conversion of Hemicellulose-Free <i>Eucalyptus Globulus</i> Wood: Production of Concentrated Levulinic Acid Solutions for γ -Valerolactone Sustainable Preparation. <i>Catalysts</i> , 2018, 8, 169.	3.5	29
28	Potential of Fructooligosaccharides and Xylooligosaccharides as Substrates To Counteract the Undesirable Effects of Several Antibiotics on Elder Fecal Microbiota: A First in Vitro Approach. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 9426-9437.	5.2	25
29	Aqueous fractionation of hardwood: selective glucuronoxylan solubilisation and purification of the reaction products. <i>Journal of Chemical Technology and Biotechnology</i> , 2017, 92, 367-374.	3.2	13
30	Microwave-assisted dehydration of fructose and inulin to HMF catalyzed by niobium and zirconium phosphate catalysts. <i>Applied Catalysis B: Environmental</i> , 2017, 206, 364-377.	20.2	101
31	Manufacture, Characterization, and Properties of Poly-(lactic acid) and its Blends with Esterified Pine Lignin. <i>BioResources</i> , 2016, 11, .	1.0	20
32	Furfural production from <i>Eucalyptus</i> wood using an Acidic Ionic Liquid. <i>Carbohydrate Polymers</i> , 2016, 146, 20-25.	10.2	68
33	Furfural production from birch hemicelluloses by two-step processing: a potential technology for biorefineries. <i>Holzforschung</i> , 2016, 70, 901-910.	1.9	30
34	Furfural production in biphasic media using an acidic ionic liquid as a catalyst. <i>Carbohydrate Polymers</i> , 2016, 153, 421-428.	10.2	25
35	Production of pectin-derived oligosaccharides from lemon peels by extraction, enzymatic hydrolysis and membrane filtration. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 234-247.	3.2	34
36	Furfural production using ionic liquids: A review. <i>Bioresource Technology</i> , 2016, 202, 181-191.	9.6	219

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37	Sustainable conversion of Pinus pinaster wood into biofuel precursors: A biorefinery approach. Fuel, 2016, 164, 51-58.	6.4	42
38	Phenolics production from alkaline hydrolysis of autohydrolysis liquors. CYTA - Journal of Food, 2016, 14, 255-265.	1.9	14
39	Sustainable Production of Levulinic Acid from the Cellulosic Fraction of Pinus Pinaster Wood: Operation in Aqueous Media Under Microwave Irradiation. Journal of Wood Chemistry and Technology, 2015, 35, 315-324.	1.7	30
40	Manufacture of furfural in biphasic media made up of an ionic liquid and a co-solvent. Industrial Crops and Products, 2015, 77, 163-166.	5.2	33
41	Simple and Efficient Furfural Production from Xylose in Media Containing 1-Butyl-3-Methylimidazolium Hydrogen Sulfate. Industrial & Engineering Chemistry Research, 2015, 54, 8368-8373.	3.7	69
42	Production, Purification, and in Vitro Evaluation of the Prebiotic Potential of Arabinoxyloligosaccharides from Brewer's Spent Grain. Journal of Agricultural and Food Chemistry, 2015, 63, 8429-8438.	5.2	44
43	Utilization of Ionic Liquids in Lignocellulose Biorefineries as Agents for Separation, Derivatization, Fractionation, or Pretreatment. Journal of Agricultural and Food Chemistry, 2015, 63, 8093-8102.	5.2	59
44	Manufacture of Microcrystalline Cellulose from Eucalyptus globulus Wood Using an Environmentally Friendly Biorefinery Method. Journal of Wood Chemistry and Technology, 2014, 34, 8-19.	1.7	16
45	Optimization of corn stover biorefinery for coproduction of oligomers and second generation bioethanol using non-isothermal autohydrolysis. Industrial Crops and Products, 2014, 54, 32-39.	5.2	47
46	Recovery of bioactive compounds from Pinus pinaster wood by consecutive extraction stages. Wood Science and Technology, 2014, 48, 311-323.	3.2	23
47	Acidic processing of hemicellulosic saccharides from pine wood: Product distribution and kinetic modeling. Bioresource Technology, 2014, 162, 192-199.	9.6	24
48	Production of nutraceuticals from chestnut burs by hydrolytic treatment. Food Research International, 2014, 65, 359-366.	6.2	22
49	A biorefinery approach based on fractionation with a cheap industrial by-product for getting value from an invasive woody species. Bioresource Technology, 2014, 173, 301-308.	9.6	13
50	Purification, Characterization, and Prebiotic Properties of Pectic Oligosaccharides from Orange Peel Wastes. Journal of Agricultural and Food Chemistry, 2014, 62, 9769-9782.	5.2	143
51	Bioethanol Production from Hydrothermally Pretreated and Delignified Corn Stover by Fed-Batch Simultaneous Saccharification and Fermentation. Energy & Fuels, 2014, 28, 1158-1165.	5.1	12
52	Non-isothermal autohydrolysis of nixtamalized maize pericarp: Production of nutraceutical extracts. LWT - Food Science and Technology, 2014, 58, 550-556.	5.2	16
53	Structural features and assessment of prebiotic activity of refined arabinoxyloligosaccharides from wheat bran. Journal of Functional Foods, 2014, 6, 438-449.	3.4	121
54	Furan manufacture from softwood hemicelluloses by aqueous fractionation and further reaction in a catalyzed ionic liquid: a biorefinery approach. Journal of Cleaner Production, 2014, 76, 200-203.	9.3	29

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55	Fractionation of extracted hemicellulosic saccharides from <i>Pinus pinaster</i> wood by multistep membrane processing. <i>Journal of Membrane Science</i> , 2013, 428, 281-289.	8.2	19
56	Aqueous processing of <i>Pinus pinaster</i> wood: Kinetics of polysaccharide breakdown. <i>Chemical Engineering Journal</i> , 2013, 231, 380-387.	12.7	18
57	Pectic Oligosaccharides from Lemon Peel Wastes: Production, Purification, and Chemical Characterization. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 10043-10053.	5.2	73
58	Manufacture of Levulinic Acid from Pine Wood Hemicelluloses: A Kinetic Assessment. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 3951-3957.	3.7	22
59	Characterization, refining and antioxidant activity of saccharides derived from hemicelluloses of wood and rice husks. <i>Food Chemistry</i> , 2013, 141, 495-502.	8.2	51
60	Production of furans from hemicellulosic saccharides in biphasic reaction systems. <i>Holzforschung</i> , 2013, 67, 923-929.	1.9	16
61	Extraction of low-molar-mass phenolics and lipophilic compounds from <i>Pinus pinaster</i> wood with compressed CO ₂ . <i>Journal of Supercritical Fluids</i> , 2013, 81, 193-199.	3.2	32
62	Dilute sulphuric acid pretreatment and enzymatic hydrolysis of <i>Moringa oleifera</i> empty pods. <i>Industrial Crops and Products</i> , 2013, 44, 227-231.	5.2	28
63	Effects of hydrothermal processing on the cellulosic fraction of <i>Eucalyptus globulus</i> wood. <i>Holzforschung</i> , 2013, 67, 33-40.	1.9	27
64	Invasive biomass valorization: environmentally friendly processes for obtaining second generation bioethanol and saccharides from <i>Ulex europaeus</i> . <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 999-1006.	3.2	12
65	Water-Soluble Components of <i>Pinus pinaster</i> Wood. <i>BioResources</i> , 2013, 8, .	1.0	18
66	Population Dynamics of Some Relevant Intestinal Microbial Groups in Human Fecal Batch Cultures with Added Fermentable Xylooligosaccharides Obtained from Rice Husks. <i>BioResources</i> , 2013, 8, .	1.0	5
67	Simultaneous Extraction and Depolymerization of Fucoidan from <i>Sargassum muticum</i> in Aqueous Media. <i>Marine Drugs</i> , 2013, 11, 4612-4627.	4.6	91
68	Extracting value-added products before pulping: Hemicellulosic ethanol from <i>Eucalyptus globulus</i> wood. <i>Holzforschung</i> , 2012, 66, 591-599.	1.9	43
69	Recovery and Concentration of Antioxidants from Winery Wastes. <i>Molecules</i> , 2012, 17, 3008-3024.	3.8	47
70	Silane-treated lignocellulosic fibers as reinforcement material in polylactic acid biocomposites. <i>Journal of Thermoplastic Composite Materials</i> , 2012, 25, 1005-1022.	4.2	29
71	Manufacture and Properties of Bifidogenic Saccharides Derived from Wood Mannan. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 4296-4305.	5.2	61
72	Optimization of antioxidants " Extraction from <i>Castanea sativa</i> leaves. <i>Chemical Engineering Journal</i> , 2012, 203, 101-109.	12.7	32

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73	Valuable Polyphenolic Antioxidants from Wine Vinasses. <i>Food and Bioprocess Technology</i> , 2012, 5, 2708-2716.	4.7	16
74	Potential of hydrothermal treatments in lignocellulose biorefineries. <i>Biofuels, Bioproducts and Biorefining</i> , 2012, 6, 219-232.	3.7	109
75	Pectic oligosaccharides production from orange peel waste by enzymatic hydrolysis. <i>International Journal of Food Science and Technology</i> , 2012, 47, 747-754.	2.7	52
76	Bioethanol production from autohydrolyzed <i>Eucalyptus globulus</i> by Simultaneous Saccharification and Fermentation operating at high solids loading. <i>Fuel</i> , 2012, 94, 305-312.	6.4	86
77	Valorization of chestnut husks by non-isothermal hydrolysis. <i>Industrial Crops and Products</i> , 2012, 36, 172-176.	5.2	24
78	Valorization of residual woody biomass (<i>Olea europaea</i> trimmings) based on aqueous fractionation. <i>Journal of Chemical Technology and Biotechnology</i> , 2012, 87, 87-94.	3.2	19
79	Fermentative production of fumaric acid from <i>Eucalyptus globulus</i> wood hydrolyzates. <i>Journal of Chemical Technology and Biotechnology</i> , 2012, 87, 1036-1040.	3.2	22
80	Production of hemicellulosic sugars from <i>Pinus pinaster</i> wood by sequential steps of aqueous extraction and acid hydrolysis. <i>Wood Science and Technology</i> , 2012, 46, 271-285.	3.2	35
81	Second-Generation Bioethanol from Residual Woody Biomass. <i>Energy & Fuels</i> , 2011, 25, 4803-4810.	5.1	23
82	Purified Phenolics from Hydrothermal Treatments of Biomass: Ability To Protect Sunflower Bulk Oil and Model Food Emulsions from Oxidation. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 9158-9165.	5.2	29
83	Production of antioxidants by non-isothermal autohydrolysis of lignocellulosic wastes. <i>LWT - Food Science and Technology</i> , 2011, 44, 436-442.	5.2	71
84	Membrane concentration of antioxidants from <i>Castanea sativa</i> leaves aqueous extracts. <i>Chemical Engineering Journal</i> , 2011, 175, 95-102.	12.7	64
85	Extracting value from <i>Eucalyptus</i> wood before kraft pulping: Effects of hemicelluloses solubilization on pulp properties. <i>Bioresource Technology</i> , 2011, 102, 5251-5254.	9.6	48
86	Enzymatic hydrolysis of autohydrolyzed barley husks. <i>Journal of Chemical Technology and Biotechnology</i> , 2011, 86, 251-260.	3.2	15
87	Manufacture of fibrous reinforcements for biodegradable biocomposites from <i>Citrus scoparius</i> . <i>Journal of Chemical Technology and Biotechnology</i> , 2011, 86, 575-583.	3.2	11
88	Manufacture of fibrous reinforcements for biocomposites and hemicellulosic oligomers from bamboo. <i>Chemical Engineering Journal</i> , 2011, 167, 278-287.	12.7	37
89	Manufacture and prebiotic potential of oligosaccharides derived from industrial solid wastes. <i>Bioresource Technology</i> , 2011, 102, 6112-6119.	9.6	93
90	<i>Eucalyptus globulus</i> wood fractionation by autohydrolysis and organosolv delignification. <i>Bioresource Technology</i> , 2011, 102, 5896-5904.	9.6	147

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91	Structural features and properties of soluble products derived from Eucalyptus globulus hemicelluloses. Food Chemistry, 2011, 127, 1798-1807.	8.2	58
92	Recovery, concentration and purification of phenolic compounds by adsorption: A review. Journal of Food Engineering, 2011, 105, 1-27.	5.2	391
93	Dilute acid pretreatment of starch-containing rice hulls for ethanol production. Holzforschung, 2011, 65, .	1.9	15
94	Assessment on the effects of the operational conditions on the manufacture of PLA-based composites using an integrated compounding injection moulding machine. Collection of Czechoslovak Chemical Communications, 2011, 76, 1509-1527.	1.0	0
95	Purification of oligosaccharides obtained from Pinus pinaster hemicelluloses by diafiltration. Desalination and Water Treatment, 2011, 27, 48-53.	1.0	20
96	Recovery of antioxidants from industrial waste liquors using membranes and polymeric resins. Journal of Food Engineering, 2010, 96, 127-133.	5.2	48
97	Bioethanol production from hydrothermally pretreated Eucalyptus globulus wood. Bioresource Technology, 2010, 101, 8706-8712.	9.6	168
98	Fractional characterisation of jatropha, neem, moringa, trisperma, castor and candlenut seeds as potential feedstocks for biodiesel production in Cuba. Biomass and Bioenergy, 2010, 34, 533-538.	5.7	150
99	Kinetic assessment on the autohydrolysis of pectin-rich by-products. Chemical Engineering Journal, 2010, 162, 480-486.	12.7	31
100	Production of oligosaccharides and sugars from rye straw: A kinetic approach. Bioresource Technology, 2010, 101, 6676-6684.	9.6	89
101	Ion-Exchange Processing of Fermentation Media Containing Lactic Acid and Oligomeric Saccharides. Industrial & Engineering Chemistry Research, 2010, 49, 3741-3750.	3.7	10
102	Experimental Assessment on the Enzymatic Hydrolysis of Hydrothermally Pretreated Eucalyptus globulus Wood. Industrial & Engineering Chemistry Research, 2010, 49, 4653-4663.	3.7	47
103	Production, Refining, Structural Characterization and Fermentability of Rice Husk Xylooligosaccharides. Journal of Agricultural and Food Chemistry, 2010, 58, 3632-3641.	5.2	72
104	Selected Process Alternatives for Biomass Refining: A Review. Open Agriculture Journal, 2010, 4, 135-144.	0.8	15
105	Fractionation of industrial solids containing barley husks in aqueous media. Food and Bioproducts Processing, 2009, 87, 208-214.	3.6	16
106	Experimental evaluation of alkaline treatment as a method for enhancing the enzymatic digestibility of autohydrolysed <i>Acacia dealbata</i> . Journal of Chemical Technology and Biotechnology, 2009, 84, 1070-1077.	3.2	24
107	Ultra- and nanofiltration of aqueous extracts from distilled fermented grape pomace. Journal of Food Engineering, 2009, 91, 587-593.	5.2	115
108	Aqueous pretreatment of agricultural wastes: Characterization of soluble reaction products. Bioresource Technology, 2009, 100, 5840-5845.	9.6	26

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109	Assessment of the Production of Oligomeric Compounds from Sugar Beet Pulp. Industrial & Engineering Chemistry Research, 2009, 48, 4681-4687.	3.7	57
110	Processing of <i>Acacia dealbata</i> in Aqueous Media: First Step of a Wood Biorefinery. Industrial & Engineering Chemistry Research, 2009, 48, 6618-6626.	3.7	51
111	Direct Enzymatic Production of Oligosaccharide Mixtures from Sugar Beet Pulp: Experimental Evaluation and Mathematical Modeling. Journal of Agricultural and Food Chemistry, 2009, 57, 5510-5517.	5.2	36
112	Manufacture of Prebiotics from Biomass Sources. , 2009, , 535-589.		14
113	Lactic acid from apple pomace: a laboratory experiment for teaching valorisation of wastes. CYTA - Journal of Food, 2009, 7, 83-88.	1.9	9
114	Charcoal adsorption of phenolic compounds present in distilled grape pomace. Journal of Food Engineering, 2008, 84, 156-163.	5.2	37
115	Experimental evaluation of alternative fermentation media for lactic acid production from apple pomace. Journal of Chemical Technology and Biotechnology, 2008, 83, 609-617.	3.2	11
116	Hydrothermal processing of rice husks: effects of severity on product distribution. Journal of Chemical Technology and Biotechnology, 2008, 83, 965-972.	3.2	65
117	Evaluation of ultra- and nanofiltration for refining soluble products from rice husk xylan. Bioresource Technology, 2008, 99, 5341-5351.	9.6	57
118	l-Lactic acid production from apple pomace by sequential hydrolysis and fermentation. Bioresource Technology, 2008, 99, 308-319.	9.6	114
119	ANTIOXIDANT ACTIVITY OF FRACTIONS FROM ACID HYDROLYSATES OF ALMOND SHELLS. Journal of Food Process Engineering, 2008, 31, 817-832.	2.9	7
120	Kinetic Modeling of Brewery-Related Spent Grain Autohydrolysis. Biotechnology Progress, 2008, 21, 233-243.	2.6	62
121	Enzymatic Processing of Rice Husk Autohydrolysis Products for Obtaining Low Molecular Weight Oligosaccharides. Food Biotechnology, 2008, 22, 31-46.	1.5	14
122	Fractionation of Antioxidants from Autohydrolysis of Barley Husks. Journal of Agricultural and Food Chemistry, 2008, 56, 10651-10659.	5.2	45
123	Coproduction of Oligosaccharides and Glucose from Corncocks by Hydrothermal Processing and Enzymatic Hydrolysis. Industrial & Engineering Chemistry Research, 2008, 47, 1336-1345.	3.7	55
124	Assessment on the Fermentability of Xylooligosaccharides from Rice Husks by Probiotic Bacteria. Journal of Agricultural and Food Chemistry, 2008, 56, 7482-7487.	5.2	119
125	Production and Refining of Soluble Products from Eucalyptus globulus Glucuronoxylan. Collection of Czechoslovak Chemical Communications, 2007, 72, 307-320.	1.0	9
126	Production of l-lactic Acid and Oligomeric Compounds from Apple Pomace by Simultaneous Saccharification and Fermentation: A Response Surface Methodology Assessment. Journal of Agricultural and Food Chemistry, 2007, 55, 5580-5587.	5.2	43

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127	Effects of Eucalyptus globulus Wood Autohydrolysis Conditions on the Reaction Products. Journal of Agricultural and Food Chemistry, 2007, 55, 9006-9013.	5.2	59
128	Autohydrolysis of agricultural residues: Study of reaction byproducts. Bioresource Technology, 2007, 98, 1951-1957.	9.6	105
129	Sugar production from cellulosic biosludges generated in a water treatment plant of a Kraft pulp mill. Biochemical Engineering Journal, 2007, 37, 319-327.	3.6	10
130	Antioxidant activity of extracts produced by solvent extraction of almond shells acid hydrolysates. Food Chemistry, 2007, 101, 193-201.	8.2	44
131	Supercritical CO ₂ Extraction and Purification of Compounds with Antioxidant Activity. Journal of Agricultural and Food Chemistry, 2006, 54, 2441-2469.	5.2	264
132	Purification of Xylitol Obtained by Fermentation of Corn cob Hydrolysates. Journal of Agricultural and Food Chemistry, 2006, 54, 4430-4435.	5.2	62
133	Membrane-Assisted Processing of Xylooligosaccharide-Containing Liquors. Journal of Agricultural and Food Chemistry, 2006, 54, 5430-5436.	5.2	72
134	Functionality of oilseed protein products: A review. Food Research International, 2006, 39, 945-963.	6.2	433
135	Purification of oligosaccharides from rice husk autohydrolysis liquors by ultra- and nano-filtration. Desalination, 2006, 199, 541-543.	8.2	24
136	Antioxidant properties of ultrafiltration-recovered soy protein fractions from industrial effluents and their hydrolysates. Process Biochemistry, 2006, 41, 447-456.	3.7	334
137	Supplementation requirements of brewery's spent grain hydrolysate for biomass and xylitol production by Debaryomyces hansenii CCM 941. Journal of Industrial Microbiology and Biotechnology, 2006, 33, 646-654.	3.0	27
138	Enzymatic saccharification of hydrogen peroxide-treated solids from hydrothermal processing of rice husks. Process Biochemistry, 2006, 41, 1244-1252.	3.7	30
139	Advances in the manufacture, purification and applications of xylo-oligosaccharides as food additives and nutraceuticals. Process Biochemistry, 2006, 41, 1913-1923.	3.7	444
140	Enhancing the potential of oligosaccharides from corn cob autohydrolysis as prebiotic food ingredients. Industrial Crops and Products, 2006, 24, 152-159.	5.2	45
141	Ultrafiltration of industrial waste liquors from the manufacture of soy protein concentrates. Journal of Chemical Technology and Biotechnology, 2006, 81, 1252-1258.	3.2	16
142	Sustainable materials in automotive applications. Plastics, Rubber and Composites, 2006, 35, 233-241.	2.0	27
143	Refining of autohydrolysis liquors for manufacturing xylooligosaccharides: evaluation of operational strategies. Bioresource Technology, 2005, 96, 889-896.	9.6	113
144	Rheological behaviour of carboxymethylcellulose manufactured from TCF-bleached Milox pulps. Food Hydrocolloids, 2005, 19, 313-320.	10.7	25

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145	D-Lactic acid production from waste cardboard. <i>Journal of Chemical Technology and Biotechnology</i> , 2005, 80, 76-84.	3.2	58
146	Antioxidant activity of liquors from aqueous treatments of <i>Pinus radiata</i> wood. <i>Wood Science and Technology</i> , 2005, 39, 129-139.	3.2	24
147	Fractionation and Enzymatic Hydrolysis of Soluble Protein Present in Waste Liquors from Soy Processing. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 7600-7608.	5.2	44
148	Manufacture and Refining of Oligosaccharides from Industrial Solid Wastes. <i>Industrial & Engineering Chemistry Research</i> , 2005, 44, 614-620.	3.7	70
149	Development of culture media containing spent yeast cells of <i>Debaryomyces hansenii</i> and corn steep liquor for lactic acid production with <i>Lactobacillus rhamnosus</i> . <i>International Journal of Food Microbiology</i> , 2004, 97, 93-98.	4.7	85
150	Comparison of Two Posthydrolysis Processes of Brewery's Spent Grain Autohydrolysis Liquor to Produce a Pentose-Containing Culture Medium. <i>Applied Biochemistry and Biotechnology</i> , 2004, 115, 1041-1058.	2.9	55
151	Evaluation of new organosolv dissolving pulps. Part II: Structure and NMMO processability of the pulps. <i>Cellulose</i> , 2004, 11, 85-98.	4.9	31
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