

Yong Xu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

116
papers

1,399
citations

21
h-index

31
g-index

135
ext. papers

2,114
ext. citations

6.7
avg, IF

5.74
L-index

#	Paper	IF	Citations
116	Combined acetic acid and enzymatic hydrolysis for xylooligosaccharides and monosaccharides production from poplar. <i>Biomass and Bioenergy</i> , 2022 , 158, 106377	5.3	2
115	Directional enhancement of 2-keto-gluconic acid production from enzymatic hydrolysate by acetic acid-mediated bio-oxidation with <i>Gluconobacter oxydans</i> .. <i>Bioresource Technology</i> , 2022 , 348, 126811	11	2
114	Optimized production of xylooligosaccharides from poplar: A biorefinery strategy with sequential acetic acid/sodium acetate hydrolysis followed by xylanase hydrolysis.. <i>Bioresource Technology</i> , 2022 , 347, 126683	11	1
113	Reinforcing sorbitol bio-oxidative conversion with <i>Gluconobacter oxydans</i> whole-cell catalysis by acetate-assistance. <i>Biochemical Engineering Journal</i> , 2022 , 179, 108328	4.2	0
112	Nuclear magnetic resonance analysis of ascorbic acid assisted lignocellulose decomposition in dilute acid pretreatment and its stimulation on enzymatic hydrolysis. <i>Bioresource Technology</i> , 2022 , 343, 126147	11	0
111	Detoxification of lignocellulosic prehydrolyzate by lignin nanoparticles prepared from biorefinery biowaste to improve the ethanol production.. <i>Bioprocess and Biosystems Engineering</i> , 2022 , 1	3.7	1
110	RSM-Modeling and Optimization of High Titer Functional Xylo-oligosaccharides Production by Edible Gluconic Acid Catalysis.. <i>Applied Biochemistry and Biotechnology</i> , 2022 , 1	3.2	
109	Purification of acidic lignocellulose hydrolysate using anion-exchange resin: Multicomponent adsorption, kinetic and thermodynamic study.. <i>Bioresource Technology</i> , 2022 , 351, 126979	11	0
108	Lignin removal improves xylooligosaccharides production from poplar by acetic acid hydrolysis.. <i>Bioresource Technology</i> , 2022 , 127190	11	0
107	Comparison of pH-controlled lactic acid hydrolysis and xylanase hydrolysis for xylo-oligosaccharides production from delignified poplar. <i>Industrial Crops and Products</i> , 2022 , 182, 114902	5.9	0
106	Xylooligosaccharides Production from Xylan Hydrolysis Using Recyclable Strong Acidic Cationic Exchange Resin as Solid Acid Catalyst.. <i>Applied Biochemistry and Biotechnology</i> , 2022 , 1	3.2	1
105	p-Toluenesulfonic acid combined with hydrogen peroxide-assisted pretreatment improves the production of fermentable sugars from walnut (<i>Juglans regia</i> L.) shells.. <i>Bioresource Technology</i> , 2022 , 355, 127300	11	2
104	One-step sodium bisulfate hydrolysis for efficient production of xylooligosaccharides from poplar.. <i>Bioresource Technology</i> , 2022 , 355, 127269	11	0
103	A novel natural lignocellulosic biosorbent of sunflower stem-pith for textile cationic dyes adsorption. <i>Journal of Cleaner Production</i> , 2021 , 331, 129878	10.3	5
102	Multifactorial effects of gluconic acid pretreatment of waste straws on enzymatic hydrolysis performance.. <i>Bioresource Technology</i> , 2021 , 126617	11	0
101	Pilot Scale Elimination of Phenolic Cellulase Inhibitors From Alkali Pretreated Wheat Straw for Improved Cellulolytic Digestibility to Fermentable Saccharides. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 658159	5.8	0
100	Comparison of various organic acids for xylo-oligosaccharide productions in terms of pKa values and combined severity. <i>Biotechnology for Biofuels</i> , 2021 , 14, 69	7.8	2

99	Production of xylo-oligosaccharides from poplar by acetic acid pretreatment and its impact on inhibitory effect of poplar lignin. <i>Bioresource Technology</i> , 2021 , 323, 124593	11	10
98	Construction of physically crosslinked cellulose nanofibrils/alkali lignin/montmorillonite/polyvinyl alcohol network hydrogel and its application in methylene blue removal. <i>Cellulose</i> , 2021 , 28, 5531	5.5	6
97	In Situ Chemical Locking of Acetates During Xylo-Oligosaccharide Preparation by Lignocellulose Acidolysis. <i>Applied Biochemistry and Biotechnology</i> , 2021 , 193, 2602-2615	3.2	0
96	Aliphatic extractive effects on acetic acid catalysis of typical agricultural residues to xylo-oligosaccharide and enzymatic hydrolyzability of cellulose. <i>Biotechnology for Biofuels</i> , 2021 , 14, 97	7.8	1
95	Selective Production of Xylooligosaccharides by Xylan Hydrolysis Using a Novel Recyclable and Separable Furoic Acid. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 660266	5.8	3
94	Elucidation of oil-in-water emulsions stabilized with celery cellulose. <i>Fuel</i> , 2021 , 291, 120210	7.1	3
93	Smart removal of monosaccharide contaminants in xylo-oligosaccharide slurry using sandwich-integration bioprocess of whole-cell catalysis combined with electro dialysis separation. <i>Renewable Energy</i> , 2021 , 168, 1149-1156	8.1	2
92	Alkaline incubation improves the saccharification of poplar after sodium chlorite pretreatment with ultra-low cellulase loading. <i>Renewable Energy</i> , 2021 , 170, 517-524	8.1	3
91	Comparative analysis of various waste cooking oils for esterification and transesterification processes to produce biodiesel. <i>Green Chemistry Letters and Reviews</i> , 2021 , 14, 462-473	4.7	1
90	Effect of ascorbic acid assisted dilute acid pretreatment on lignin removal and enzyme digestibility of agricultural residues. <i>Renewable Energy</i> , 2021 , 163, 732-739	8.1	21
89	Directed regulation of whole-cell catalysis for high-quality galactonic acid bio-preparation and characterization by Ca ²⁺ . <i>Fuel</i> , 2021 , 285, 119134	7.1	2
88	The processing-module assembly strategy for continuous bio-oxidation of furan chemicals by integrated and coupled biotechnology. <i>Green Chemistry</i> , 2021 , 23, 1330-1336	10	2
87	Integration of acetic acid catalysis with one-pot protic ionic liquid configuration to achieve high-efficient biorefinery of poplar biomass. <i>Green Chemistry</i> , 2021 , 23, 6036-6049	10	9
86	Advances in Valorization of Lignocellulosic Biomass towards Energy Generation. <i>Catalysts</i> , 2021 , 11, 3094		25
85	A novel recyclable furoic acid-assisted pretreatment for sugarcane bagasse biorefinery in co-production of xylooligosaccharides and glucose. <i>Biotechnology for Biofuels</i> , 2021 , 14, 35	7.8	12
84	A Remixed-Fermentation Technique for the Simultaneous Bioconversion of Corncob C6 and C5 Sugars to Probiotic <i>Bacillus subtilis</i> . <i>Applied Biochemistry and Biotechnology</i> , 2021 , 193, 2580-2590	3.2	0
83	Alkaline post-incubation improves the saccharification of poplar after hydrogen peroxide-acetic acid pretreatment. <i>Biotechnology for Biofuels</i> , 2021 , 14, 151	7.8	7
82	Effect of Dilute Acetic Acid Hydrolysis on Xylooligosaccharide Production and the Inhibitory Effect of Cellulolytic Enzyme Lignin from Poplar. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 11361-11371	8.3	2

81	A cost-practical cell-recycling process for xylonic acid bioproduction from acidic lignocellulosic hydrolysate with whole-cell catalysis of <i>Gluconobacter oxydans</i> . <i>Bioresource Technology</i> , 2021 , 333, 125157	11	7
80	Cascade temperature-arising strategy for xylo-oligosaccharide production from lignocellulosic biomass with acetic acid catalyst recycling operation. <i>Renewable Energy</i> , 2021 , 175, 625-637	8.1	1
79	Revalorization of sunflower stalk pith as feedstock for the coproduction of pectin and glucose using a two-step dilute acid pretreatment process. <i>Biotechnology for Biofuels</i> , 2021 , 14, 194	7.8	2
78	High solid loading enzymatic hydrolysis of acetic acid-peroxide/acetic acid pretreated poplar and cellulase recycling. <i>Bioresource Technology</i> , 2021 , 340, 125624	11	5
77	Comprehensive investigation of multiples factors in sulfuric acid pretreatment on the enzymatic hydrolysis of waste straw cellulose. <i>Bioresource Technology</i> , 2021 , 340, 125740	11	2
76	Environmental bio-oxidation of toxic furan by the co-recycling of waste fermented broth and rest cells. <i>Biochemical Engineering Journal</i> , 2021 , 176, 108193	4.2	0
75	Delignification of poplar for xylo-oligosaccharides production using lactic acid catalysis. <i>Bioresource Technology</i> , 2021 , 342, 125943	11	4
74	Two-step acetic acid/sodium acetate and xylanase hydrolysis for xylooligosaccharides production from corncob. <i>Bioresource Technology</i> , 2021 , 342, 125979	11	6
73	Efficient production of xylooligosaccharides and fermentable sugars from corncob by propionic acid and enzymatic hydrolysis. <i>Bioresource Technology</i> , 2021 , 342, 125680	11	2
72	Influence of oxygen transfer and uptake rates on xylonic acid production from xylose by <i>Gluconobacter oxydans</i> . <i>Biochemical Engineering Journal</i> , 2021 , 176, 108192	4.2	1
71	Bioprocess Intensification for Whole-Cell Catalysis of Catabolized Chemicals with 2,4-Dinitrophenol Uncoupling. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 15782-15790	8.3	7
70	Co-production of xylooligosaccharides and monosaccharides from poplar by a two-step acetic acid and sodium chlorite pretreatment. <i>Industrial Crops and Products</i> , 2020 , 152, 112500	5.9	13
69	Enhancing Prehydrolysates Fermentability by Adding Nucleophilic Amino Acids and Proteins in Biomass Pretreatment. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 7892-7900	8.3	3
68	Bioconversion of 5-Hydroxymethylfurfural (HMF) to 2,5-Furandicarboxylic Acid (FDCA) by a Native Obligate Aerobic Bacterium, <i>Acinetobacter calcoaceticus</i> NL14. <i>Applied Biochemistry and Biotechnology</i> , 2020 , 192, 455-465	3.2	5
67	Valorization of apple pomace using a two-step slightly acidic processing strategy. <i>Renewable Energy</i> , 2020 , 152, 793-798	8.1	8
66	Directing cell catalysis of glucose to 2-keto-d-gluconic acid using <i>Gluconobacter oxydans</i> NL71. <i>Process Biochemistry</i> , 2020 , 94, 365-369	4.8	2
65	A techno-practical method for overcoming the biotoxicity and volatility obstacles of butanol and butyric acid during whole-cell catalysis by. <i>Biotechnology for Biofuels</i> , 2020 , 13, 102	7.8	2
64	Comparison of selective acidolysis of xylan and enzymatic hydrolysability of cellulose in various lignocellulosic materials by a novel xylonic acid catalysis method. <i>Bioresource Technology</i> , 2020 , 304, 122943	11	20

63	Enhancement of <i>Gluconobacter oxydans</i> Resistance to Lignocellulosic-Derived Inhibitors in Xylonic Acid Production by Overexpressing Thioredoxin. <i>Applied Biochemistry and Biotechnology</i> , 2020 , 191, 1072-1083 ⁶		
62	Resolving the formidable barrier of oxygen transferring rate (OTR) in ultrahigh-titer bioconversion/biocatalysis by a sealed-oxygen supply biotechnology (SOS). <i>Biotechnology for Biofuels</i> , 2020 , 13, 1	7.8	71
61	Hybrid films based on holistic celery nanocellulose and lignin/hemicellulose with enhanced mechanical properties and dye removal. <i>International Journal of Biological Macromolecules</i> , 2020 , 147, 699-705	7.9	13
60	Contribution of biogenic sources to secondary organic aerosol in the summertime in Shaanxi, China. <i>Chemosphere</i> , 2020 , 254, 126815	8.4	2
59	An integrated biorefinery process for adding values to corncob in co-production of xylooligosaccharides and glucose starting from pretreatment with gluconic acid. <i>Bioresource Technology</i> , 2020 , 307, 123200	11	28
58	Optimization of selective acidolysis pretreatment for the valorization of wheat straw by a combined chemical and enzymatic process. <i>Journal of Chemical Technology and Biotechnology</i> , 2020 , 95, 694-701	3.5	7
57	Investigation on decolorization kinetics and thermodynamics of lignocellulosic xylooligosaccharides by highly selective adsorption with Amberlite XAD-16N. <i>Food Chemistry</i> , 2020 , 310, 125934	8.5	7
56	Green integration of alcohol-mediated hemicelluloses separation and alkali recycling (AHSAR) technologies in a viscose fiber plant. <i>Separation and Purification Technology</i> , 2020 , 237, 116359	8.3	2
55	Preparation of highly flexible and sustainable lignin-rich nanocellulose film containing xylonic acid (XA), and its application as an antibacterial agent. <i>International Journal of Biological Macromolecules</i> , 2020 , 163, 1565-1571	7.9	4
54	Enhancement in xylonate production from hemicellulose pre-hydrolysate by powdered activated carbon treatment. <i>Bioresource Technology</i> , 2020 , 316, 123944	11	18
53	Comparison of Biological and Chemical Pretreatment on Coproduction of Pectin and Fermentable Sugars from Apple Pomace. <i>Applied Biochemistry and Biotechnology</i> , 2020 , 190, 129-137	3.2	4
52	Improvement of nutritional quality of soybean meal by Fe(II)-assisted acetic acid treatment. <i>Food Chemistry</i> , 2019 , 283, 475-480	8.5	6
51	A comparative study of lignocellulosic nanofibrils isolated from celery using oxalic acid hydrolysis followed by sonication and mechanical fibrillation. <i>Cellulose</i> , 2019 , 26, 5237-5246	5.5	15
50	Integrative process for sugarcane bagasse biorefinery to co-produce xylooligosaccharides and gluconic acid. <i>Bioresource Technology</i> , 2019 , 282, 81-87	11	60
49	Cost-practical of glycolic acid bioproduction by immobilized whole-cell catalysis accompanied with compressed oxygen supplied to enhance mass transfer. <i>Bioresource Technology</i> , 2019 , 283, 326-331	11	15
48	Electrodialytic bioproduction of xylonic acid in a bioreactor of supplied-oxygen intensification by using immobilized whole-cell <i>Gluconobacter oxydans</i> as biocatalyst. <i>Bioresource Technology</i> , 2019 , 282, 378-383	11	12
47	Efficient Preparation of Xylonic Acid from Xylonate Fermentation Broth by Bipolar Membrane Electrodialysis. <i>Applied Biochemistry and Biotechnology</i> , 2019 , 187, 396-406	3.2	20
46	Co-preparation of pectin and cellulose from apple pomace by a sequential process. <i>Journal of Food Science and Technology</i> , 2019 , 56, 4091-4100	3.3	9

45	An eco-friendly biorefinery strategy for xylooligosaccharides production from sugarcane bagasse using cellulosic derived gluconic acid as efficient catalyst. <i>Bioresource Technology</i> , 2019 , 289, 121755	11	30
44	Catalytic valorization of hardwood for enhanced xylose-hydrolysate recovery and cellulose enzymatic efficiency via synergistic effect of Fe and acetic acid. <i>Biotechnology for Biofuels</i> , 2019 , 12, 2487-8	7.8	8
43	Eco-friendly consolidated process for co-production of xylooligosaccharides and fermentable sugars using self-providing xylonic acid as key pretreatment catalyst. <i>Biotechnology for Biofuels</i> , 2019 , 12, 272	7.8	30
42	Further Exploration of Sucrose-Citric Acid Adhesive: Investigation of Optimal Hot-Pressing Conditions for Plywood and Curing Behavior. <i>Polymers</i> , 2019 , 11,	4.5	22
41	Factor Based Separation Characteristics of Bio-derived Chemicals Present in Lignocellulosic Hydrolysates Using Vacuum Distillation. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 2406-2413	8.3	12
40	Transcriptome and metabolome analysis of <i>Pichia stipitis</i> to three representative lignocellulosic inhibitors. <i>Archives of Microbiology</i> , 2019 , 201, 581-589	3	9
39	One-step continuous/semi-continuous whole-cell catalysis production of glycolic acid by a combining bioprocess with in-situ cell recycling and electro dialysis. <i>Bioresource Technology</i> , 2019 , 273, 515-520	11	19
38	Continuous co-production of biomass and bio-oxidized metabolite (sorbose) using <i>Gluconobacter oxydans</i> in a high-oxygen tension bioreactor. <i>Bioresource Technology</i> , 2019 , 277, 221-224	11	11
37	Upgrading Pectin Production from Apple Pomace by Acetic Acid Extraction. <i>Applied Biochemistry and Biotechnology</i> , 2019 , 187, 1300-1311	3.2	18
36	Bio-utilization of cheese manufacturing wastes (cheese whey powder) for bioethanol and specific product (galactonic acid) production via a two-step bioprocess. <i>Bioresource Technology</i> , 2019 , 272, 70-76 ¹¹	11	35
35	Process for calcium xylonate production as a concrete admixture derived from in-situ fermentation of wheat straw pre-hydrolysate. <i>Bioresource Technology</i> , 2018 , 261, 288-293	11	21
34	Quantitative lipidomic insights in the inhibitory response of <i>Pichia stipitis</i> to vanillin, 5-hydroxymethylfurfural, and acetic acid. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 497, 7-12	3.4	3
33	Improving the performance of cell biocatalysis and the productivity of acetoin from 2,3-butanediol using a compressed oxygen supply. <i>Process Biochemistry</i> , 2018 , 64, 46-50	4.8	12
32	Integrated process for scalable bioproduction of glycolic acid from cell catalysis of ethylene glycol. <i>Bioresource Technology</i> , 2018 , 268, 402-407	11	17
31	Process for the successive production of calcium galactonate crystals by <i>Gluconobacter oxydans</i> . <i>Bioresource Technology</i> , 2018 , 261, 458-460	11	10
30	Integrated production of gluconic acid and xylonic acid using dilute acid pretreated corn stover by two-stage fermentation. <i>Biochemical Engineering Journal</i> , 2018 , 137, 18-22	4.2	19
29	Improving techno-economics of bioproduct glycolic acid by successive recycled-cell catalysis of ethylene glycol with <i>Gluconobacter oxydans</i> . <i>Bioprocess and Biosystems Engineering</i> , 2018 , 41, 1555-1559 ^{3.7}	3.7	9
28	Spatial and temporal variations in criteria air pollutants in three typical terrain regions in Shaanxi, China, during 2015. <i>Air Quality, Atmosphere and Health</i> , 2018 , 11, 95-109	5.6	22

27	Effective reduction of antinutritional factors in soybean meal by acetic acid-catalyzed processing. <i>Journal of Food Processing and Preservation</i> , 2018 , 42, e13775	2.1	3
26	Enhanced Xylooligosaccharides Yields and Enzymatic Hydrolyzability of Cellulose using Acetic Acid Catalysis of Poplar Sawdust. <i>Journal of Wood Chemistry and Technology</i> , 2018 , 38, 371-384	2	34
25	Quantitative proteomic analysis of xylose fermentation strain <i>Pichia stipitis</i> CBS 5776 to lignocellulosic inhibitors acetic acid, vanillin and 5-hydroxymethylfurfural. <i>FEMS Microbiology Letters</i> , 2018 , 365,	2.9	1
24	Co-production of functional xylooligosaccharides and fermentable sugars from corncob with effective acetic acid prehydrolysis. <i>Bioresource Technology</i> , 2017 , 234, 343-349	11	84
23	A Precise Method for Processing Data to Determine the Dissociation Constants of Polyhydroxy Carboxylic Acids via Potentiometric Titration. <i>Applied Biochemistry and Biotechnology</i> , 2017 , 183, 1426-1438	2.2	2
22	Current and future emissions of primary pollutants from coal-fired power plants in Shaanxi, China. <i>Science of the Total Environment</i> , 2017 , 595, 505-514	10.2	44
21	Improvement of fermentation performance of <i>Gluconobacter oxydans</i> by combination of enhanced oxygen mass transfer in compressed-oxygen-supplied sealed system and cell-recycle technique. <i>Bioresource Technology</i> , 2017 , 244, 1137-1141	11	33
20	A two-step bioprocessing strategy in pentonic acids production from lignocellulosic pre-hydrolysate. <i>Bioprocess and Biosystems Engineering</i> , 2017 , 40, 1581-1587	3.7	4
19	Efficient coproduction of gluconic acid and xylonic acid from lignocellulosic hydrolysate by Zn(II)-selective inhibition on whole-cell catalysis by <i>Gluconobacter oxydans</i> . <i>Bioresource Technology</i> , 2017 , 243, 855-859	11	16
18	<i>Gluconobacter oxydans</i> (ATCC 621H) catalyzed oxidation of furfural for detoxification of furfural and bioproduction of furoic acid. <i>Journal of Chemical Technology and Biotechnology</i> , 2017 , 92, 1285-1289	3.5	26
17	Production of Xylooligosaccharides from Waste Xylan, Obtained from Viscose Fiber Processing, by Selective Hydrolysis Using Concentrated Acetic Acid. <i>Journal of Wood Chemistry and Technology</i> , 2017 , 37, 1-9	2	37
16	Effects of Inhibitors on the Transcriptional Profiling of NL71 Genes after Biooxidation of Xylose into Xylonate. <i>Frontiers in Microbiology</i> , 2017 , 8, 716	5.7	9
15	Difference analysis of the enzymatic hydrolysis performance of acid-catalyzed steam-exploded corn stover before and after washing with water. <i>Bioprocess and Biosystems Engineering</i> , 2016 , 39, 1619-26	3.7	10
14	Simultaneous Bioconversion of Xylose and Glycerol to Xylonic Acid and 1,3-Dihydroxyacetone from the Mixture of Pre-Hydrolysates and Ethanol-Fermented Waste Liquid by <i>Gluconobacter oxydans</i> . <i>Applied Biochemistry and Biotechnology</i> , 2016 , 178, 1-8	3.2	14
13	Degradation Profiles of Non-lignin Constituents of Corn Stover from Dilute Sulfuric Acid Pretreatment. <i>Journal of Wood Chemistry and Technology</i> , 2016 , 36, 192-204	2	14
12	Improving the production yield and productivity of 1,3-dihydroxyacetone from glycerol fermentation using <i>Gluconobacter oxydans</i> NL71 in a compressed oxygen supply-sealed and stirred tank reactor (COS-SSTR). <i>Bioprocess and Biosystems Engineering</i> , 2016 , 39, 1315-8	3.7	12
11	Draft Genome Sequence of <i>Gluconobacter oxydans</i> NL71, a Strain That Efficiently Biocatalyzes Xylose to Xylonic Acid at a High Concentration. <i>Genome Announcements</i> , 2015 , 3,		13
10	Integrated Production of Xylonic Acid and Bioethanol from Acid-Catalyzed Steam-Exploded Corn Stover. <i>Applied Biochemistry and Biotechnology</i> , 2015 , 176, 1370-81	3.2	16

9	Improving the performance of cell biocatalysis and the productivity of xylonic acid using a compressed oxygen supply. <i>Biochemical Engineering Journal</i> , 2015 , 93, 196-199	4.2	44
8	Characteristics and Kinetics of the Aldonic Acids Production using Whole-cell catalysis of <i>Gluconobacter oxydans</i> . <i>BioResources</i> , 2015 , 10,	1.3	5
7	A One-Step Method for the Simultaneous Determination of Five Wood Monosaccharides and the Corresponding Aldonic Acids in Fermentation Broth Using High-Performance Anion-Exchange Chromatography Coupled with a Pulsed Amperometric Detector. <i>Journal of Wood Chemistry and Technology</i> , 2014 , 34, 67-76	2	13
6	Cause analysis of the effects of acid-catalyzed steam-exploded corn stover prehydrolyzate on ethanol fermentation by <i>Pichia stipitis</i> CBS 5776. <i>Bioprocess and Biosystems Engineering</i> , 2014 , 37, 2215-22	3.7	20
5	An integrated process to produce ethanol, vanillin, and xylooligosaccharides from <i>Camellia oleifera</i> shell. <i>Carbohydrate Research</i> , 2013 , 382, 52-7	2.9	35
4	Simultaneous Separation and Quantification of Linear Xylo- and Cello-Oligosaccharides Mixtures in Lignocellulosics Processing Products on High-Performance Anion-Exchange Chromatography Coupled with Pulsed Amperometric Detection. <i>BioResources</i> , 2013 , 8,	1.3	26
3	Dilute Sulfuric Acid Pretreatment and Enzymatic Hydrolysis of Corn Stover into Fermentable Sugars. <i>Advanced Materials Research</i> , 2012 , 535-537, 2462-2468	0.5	3
2	Detoxification of corn stover prehydrolyzate by trialkylamine extraction to improve the ethanol production with <i>Pichia stipitis</i> CBS 5776. <i>Bioresource Technology</i> , 2011 , 102, 1663-8	11	52
1	Separation of xylo-oligosaccharides from enzymatic hydrolytes using membrane reactor. <i>Central South University</i> , 2003 , 10, 122-125		8