

Halina Kalinowska

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31
papers

634
citations

17
h-index

24
g-index

31
ext. papers

711
ext. citations

4
avg, IF

3.68
L-index

#	Paper	IF	Citations
31	A cold-adapted extracellular serine proteinase of the yeast <i>Leucosporidium antarcticum</i> . <i>Extremophiles</i> , 2003 , 7, 435-42	3	66
30	Purification and characterization of two cold-adapted extracellular tannin acyl hydrolases from an Antarctic strain <i>Verticillium</i> sp. P9. <i>Applied Microbiology and Biotechnology</i> , 2007 , 77, 77-89	5.7	55
29	Antarctic marine bacterium <i>Pseudoalteromonas</i> sp. 22b as a source of cold-adapted beta-galactosidase. <i>New Biotechnology</i> , 2003 , 20, 317-24		52
28	Conversion of various types of lignocellulosic biomass to fermentable sugars using kraft pulping and enzymatic hydrolysis. <i>Wood Science and Technology</i> , 2017 , 51, 873-885	2.5	34
27	A cold-adapted esterase from psychrotrophic <i>Pseudoalteromonas</i> sp. strain 643A. <i>Archives of Microbiology</i> , 2007 , 188, 27-36	3	34
26	Biosynthesis and properties of an extracellular metalloprotease from the Antarctic marine bacterium <i>Sphingomonas paucimobilis</i> . <i>Journal of Biotechnology</i> , 1999 , 70, 53-60	3.7	26
25	Purification and characterization of two endo-1,4-beta-xylanases from Antarctic krill, <i>Euphausia superba</i> Dana. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2000 , 127, 325-35	2.3	24
24	Effect of ethanol supplementation on the transcriptional landscape of bionanocellulose producer <i>Komagataeibacter xylinus</i> E25. <i>Applied Microbiology and Biotechnology</i> , 2019 , 103, 6673-6688	5.7	23
23	Immobilized preparation of cold-adapted and halotolerant Antarctic beta-galactosidase as a highly stable catalyst in lactose hydrolysis. <i>FEMS Microbiology Ecology</i> , 2007 , 59, 535-42	4.3	23
22	Glycerol-plasticized bacterial nanocellulose-based composites with enhanced flexibility and liquid sorption capacity. <i>Cellulose</i> , 2019 , 26, 5409-5426	5.5	21
21	Utilisation of sugar beet bagasse for the biosynthesis of yeast SCP. <i>Journal of Food Engineering</i> , 2015 , 167, 32-37	6	21
20	Yield of Pulp, Dimensional Properties of Fibers, and Properties of Paper Produced from Fast Growing Trees and Grasses. <i>BioResources</i> , 2017 , 13,	1.3	21
19	Production of glucose-rich enzymatic hydrolysates from cellulosic pulps. <i>Cellulose</i> , 2015 , 22, 663-674	5.5	20
18	Effect of Cellulases and Xylanases on Refining Process and Kraft Pulp Properties. <i>PLoS ONE</i> , 2016 , 11, e0161575	3.7	20
17	Enzymatic Conversion of Sugar Beet Pulp: A Comparison of Simultaneous Saccharification and Fermentation and Separate Hydrolysis and Fermentation for Lactic Acid Production. <i>Food Technology and Biotechnology</i> , 2018 , 56, 188-196	2.1	19
16	Application of enzymatic apple pomace hydrolysate to production of 2,3-butanediol by alkaliphilic <i>Bacillus licheniformis</i> NCIMB 8059. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2015 , 42, 1609-21	4.2	18
15	Effects of genetic modifications and fermentation conditions on 2,3-butanediol production by alkaliphilic <i>Bacillus subtilis</i> . <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 2663-76	5.7	17

14	The utility of selected kraft hardwood and softwood pulps for fuel ethanol production. <i>Industrial Crops and Products</i> , 2017 , 108, 824-830	5.9	17
13	Comparison of digestibility of wood pulps produced by the sulfate and TMP methods and woodchips of various botanical origins and sizes. <i>Cellulose</i> , 2015 , 22, 2737-2747	5.5	16
12	Stabilization of an intracellular <i>Mucor circinelloides</i> lipase for application in non-aqueous media. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2004 , 29, 163-171		16
11	Collagenolytic serine proteinase from <i>Euphausia superba</i> Dana (Antarctic krill). <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1991 , 99, 359-71		13
10	Application of byproducts from food processing for production of 2,3-butanediol using <i>Bacillus amyloliquefaciens</i> TUL 308. <i>Preparative Biochemistry and Biotechnology</i> , 2016 , 46, 610-9	2.4	12
9	The unique cold-adapted extracellular subtilase from psychrophilic yeast <i>Leucosporidium antarcticum</i> . <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2003 , 21, 39-42		12
8	Novel Bionanocellulose/ECarrageenan Composites for Tissue Engineering. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 1352	2.6	11
7	Effect of xylanases on refining process and kraft pulp properties. <i>Cellulose</i> , 2018 , 25, 1319-1328	5.5	10
6	Production of H ₂ S and properties of sulfite reductase from selected strains of wine-producing yeasts. <i>European Food Research and Technology</i> , 2004 , 219, 84-89	3.4	10
5	The Effect of Lignin Content in Birch and Beech Kraft Cellulosic Pulps on Simple Sugar Yields from the Enzymatic Hydrolysis of Cellulose. <i>Energies</i> , 2019 , 12, 2952	3.1	9
4	Evaluation of pine kraft cellulosic pulps and fines from papermaking as potential feedstocks for biofuel production. <i>Cellulose</i> , 2016 , 23, 649-659	5.5	9
3	Production of Sugar Feedstocks for Fermentation Processes from Selected Fast Growing Grasses. <i>Energies</i> , 2019 , 12, 3129	3.1	3
2	The effect of high electric field pulses on activity of sugar beet o-diphenol oxidase and yeast invertase. <i>Journal of Food Engineering</i> , 2009 , 93, 40-44	6	1
1	Biosynthesis and properties of an extracellular metalloprotease from the Antarctic marine bacterium <i>Sphingomonas paucimobilis</i> . <i>Progress in Industrial Microbiology</i> , 1999 , 53-60		1