

Halina Kalinowska

List of Publications by Year in descending order

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31
papers

824
citations

393982

19
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500791

28
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31
all docs

31
docs citations

31
times ranked

1102
citing authors

#	ARTICLE	IF	CITATIONS
1	A cold-adapted extracellular serine proteinase of the yeast <i>Leucosporidium antarcticum</i> . <i>Extremophiles</i> , 2003, 7, 435-442.	0.9	80
2	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.	1.7	62
3	Antarctic marine bacterium <i>Pseudoalteromonas</i> sp. 22b as a source of cold-adapted β -galactosidase. <i>New Biotechnology</i> , 2003, 20, 317-324.	2.7	57
4	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.	1.4	49
5	Glycerol-plasticized bacterial nanocellulose-based composites with enhanced flexibility and liquid sorption capacity. <i>Cellulose</i> , 2019, 26, 5409-5426.	2.4	42
6	A cold-adapted esterase from psychrotrophic <i>Pseudoalteromonas</i> sp. strain 643A. <i>Archives of Microbiology</i> , 2007, 188, 27-36.	1.0	39
7	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.	1.7	35
8	Utilisation of sugar beet bagasse for the biosynthesis of yeast SCP. <i>Journal of Food Engineering</i> , 2015, 167, 32-37.	2.7	31
9	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.	1.9	29
10	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.	0.9	29
11	Purification and characterization of two endo-1,4- β -xylanases from Antarctic krill, <i>Euphausia superba</i> Dana. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2000, 127, 325-335.	0.7	28
12	Effect of Cellulases and Xylanases on Refining Process and Kraft Pulp Properties. <i>PLoS ONE</i> , 2016, 11, e0161575.	1.1	28
13	Production of glucose-rich enzymatic hydrolysates from cellulosic pulps. <i>Cellulose</i> , 2015, 22, 663-674.	2.4	27
14	Yield of Pulp, Dimensional Properties of Fibers, and Properties of Paper Produced from Fast Growing Trees and Grasses. <i>BioResources</i> , 2017, 13, .	0.5	26
15	Immobilized preparation of cold-adapted and halotolerant Antarctic β -galactosidase as a highly stable catalyst in lactose hydrolysis. <i>FEMS Microbiology Ecology</i> , 2007, 59, 535-542.	1.3	25
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, 1609-1621.	1.4	25
17	The utility of selected kraft hardwood and softwood pulps for fuel ethanol production. <i>Industrial Crops and Products</i> , 2017, 108, 824-830.	2.5	25
18	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, 2663-2676.	1.7	22

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19	Novel Bionanocellulose/Î²-Carrageenan Composites for Tissue Engineering. Applied Sciences (Switzerland), 2018, 8, 1352.	1.3	20
20	Stabilization of an intracellular <i>Mucor circinelloides</i> lipase for application in non-aqueous media. Journal of Molecular Catalysis B: Enzymatic, 2004, 29, 163-171.	1.8	19
21	Application of byproducts from food processing for production of 2,3-butanediol using <i>Bacillus amyloliquefaciens</i> TUL 308. Preparative Biochemistry and Biotechnology, 2016, 46, 610-619.	1.0	18
22	Collagenolytic serine proteinase from <i>Euphausia superba dana</i> (antarctic krill). Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1991, 99, 359-371.	0.2	17
23	The Effect of Lignin Content in Birch and Beech Kraft Cellulosic Pulps on Simple Sugar Yields from the Enzymatic Hydrolysis of Cellulose. Energies, 2019, 12, 2952.	1.6	17
24	Comparison of digestibility of wood pulps produced by the sulfate and TMP methods and woodchips of various botanical origins and sizes. Cellulose, 2015, 22, 2737-2747.	2.4	16
25	The unique cold-adapted extracellular subtilase from psychrophilic yeast <i>Leucosporidium antarcticum</i> . Journal of Molecular Catalysis B: Enzymatic, 2003, 21, 39-42.	1.8	13
26	Effect of xylanases on refining process and kraft pulp properties. Cellulose, 2018, 25, 1319-1328.	2.4	13
27	Production of H ₂ S and properties of sulfite reductase from selected strains of wine-producing yeasts. European Food Research and Technology, 2004, 219, 84-89.	1.6	12
28	Evaluation of pine kraft cellulosic pulps and fines from papermaking as potential feedstocks for biofuel production. Cellulose, 2016, 23, 649-659.	2.4	11
29	Production of Sugar Feedstocks for Fermentation Processes from Selected Fast Growing Grasses. Energies, 2019, 12, 3129.	1.6	5
30	Biosynthesis and properties of an extracellular metalloprotease from the Antarctic marine bacterium <i>Sphingomonas paucimobilis</i> . Progress in Industrial Microbiology, 1999, , 53-60.	0.0	2
31	The effect of high electric field pulses on activity of sugar beet o-diphenol oxidase and yeast invertase. Journal of Food Engineering, 2009, 93, 40-44.	2.7	2