

Marzena Jedrzejczak-Krzepkowska

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19
papers

302
citations

11
h-index

17
g-index

26
ext. papers

362
ext. citations

4.8
avg, IF

3.34
L-index

#	Paper	IF	Citations
19	Crystal structures of the apo form of β -fructofuranosidase from <i>Bifidobacterium longum</i> and its complex with fructose. <i>FEBS Journal</i> , 2011 , 278, 1728-44	5.7	48
18	Complete genome sequence of <i>Gluconacetobacter xylinus</i> E25 strain--valuable and effective producer of bacterial nanocellulose. <i>Journal of Biotechnology</i> , 2014 , 176, 18-9	3.7	45
17	Comparative genomics of the <i>Komagataeibacter</i> strains--Efficient bionanocellulose producers. <i>MicrobiologyOpen</i> , 2019 , 8, e00731	3.4	35
16	Medical and Cosmetic Applications of Bacterial NanoCellulose 2016 , 145-165		27
15	Biosynthesis, purification and characterization of β -fructofuranosidase from <i>Bifidobacterium longum</i> KN29.1. <i>Process Biochemistry</i> , 2011 , 46, 1963-1972	4.8	23
14	Stable composite of bacterial nanocellulose and perforated polypropylene mesh for biomedical applications. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019 , 107, 978-987	3.5	21
13	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
12	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
11	Improvement of efficiency of brown coal biosolubilization by novel recombinant <i>Fusarium oxysporum</i> laccase. <i>AMB Express</i> , 2018 , 8, 133	4.1	14
10	Bacterial NanoCellulose Synthesis, Recent Findings 2016 , 19-46		13
9	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
8	Towards control of cellulose biosynthesis by <i>Komagataeibacter</i> using systems-level and strain engineering strategies: current progress and perspectives. <i>Applied Microbiology and Biotechnology</i> , 2020 , 104, 6565-6585	5.7	11
7	Evolved <i>Fusarium oxysporum</i> laccase expressed in <i>Saccharomyces cerevisiae</i> . <i>Scientific Reports</i> , 2020 , 10, 3244	4.9	9
6	Taxonomic Review and Microbial Ecology in Bacterial NanoCellulose Fermentation 2016 , 1-17		5
5	Molecular Control Over BNC Biosynthesis 2016 , 47-58		1
4	Bacterial Cellulose Properties Fulfilling Requirements for a Biomaterial of Choice in Reconstructive Surgery and Wound Healing.. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 805053	5.8	0
3	Putative motility-related genes in <i>Gluconacetobacter xylinus</i> . Initial verification of their influence on BioNanoCellulose biosynthesis. <i>New Biotechnology</i> , 2014 , 31, S109	6.4	

2 Medical Devices Regulation **2016**, 167-178

1 Novel mutants of *Gluconacetobacter* with different cellulose synthesis ability. *New Biotechnology*, **2016**, 33, S20-S21

6.4