Marzena JÄdrzejczak-Krzepkowska

List of Publications by Year
in descending order

21 papers	429 citations	758635 12 h-index	940134 16 g-index
26 all docs	26 docs citations	26 times ranked	646 citing authors

#	Article	IF	Citations
1	Crystal structures of the apo form of Î²â€fructofuranosidase from Bifidobacteriumâ€ƒlongum and its complex with fructose. FEBS Journal, 2011, 278, 1728-1744.	2.2	56
2	Complete genome sequence of Gluconacetobacter xylinus E25 strainâ€"Valuable and effective producer of bacterial nanocellulose. Journal of Biotechnology, 2014, 176, 18-19.	1.9	53
3	Comparative genomics of the Komagataeibacter strainsâ€"Efficient bionanocellulose producers. MicrobiologyOpen, 2019, 8, e00731.	1.2	51
4	Medical and Cosmetic Applications ofÂBacterial NanoCellulose. , 2016, , 145-165.		33
5	Stable composite of bacterial nanocellulose and perforated polypropylene mesh for biomedical applications. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 978-987.	1.6	33
6	Towards control of cellulose biosynthesis by Komagataeibacter using systems-level and strain engineering strategies: current progress and perspectives. Applied Microbiology and Biotechnology, 2020, 104, 6565-6585.	1.7	28
7	Application of enzymatic apple pomace hydrolysate to production of 2,3-butanediol by alkaliphilic Bacillus licheniformis NCIMB 8059. Journal of Industrial Microbiology and Biotechnology, 2015, 42, 1609-1621.	1.4	25
8	Biosynthesis, purification and characterization of Î²-fructofuranosidase from Bifidobacterium longum KN29.1. Process Biochemistry, 2011, 46, 1963-1972.	1.8	24
9	Effects of genetic modifications and fermentation conditions on 2,3-butanediol production by alkaliphilic Bacillus subtilis. Applied Microbiology and Biotechnology, 2016, 100, 2663-2676.	1.7	22
10	Improvement of efficiency of brown coal biosolubilization by novel recombinant Fusarium oxysporum laccase. AMB Express, 2018, 8, 133.	1.4	19
11	Application of byproducts from food processing for production of 2,3-butanediol using Bacillus amyloliquefaciens TUL 308. Preparative Biochemistry and Biotechnology, 2016, 46, 610-619.	1.0	18
12	Bacterial NanoCellulose Synthesis, RecentÂFindings. , 2016, , 19-46.		16
13	Comparative Analysis of Bacterial Cellulose Membranes Synthesized by Chosen Komagataeibacter Strains and Their Application Potential. International Journal of Molecular Sciences, 2022, 23, 3391.	1.8	14
14	Evolved Fusarium oxysporum laccase expressed in Saccharomyces cerevisiae. Scientific Reports, 2020, 10, 3244.	1.6	12
15	Bacterial Cellulose Properties Fulfilling Requirements for a Biomaterial of Choice in Reconstructive Surgery and Wound Healing. Frontiers in Bioengineering and Biotechnology, 2021, 9, 805053.	2.0	12
16	Taxonomic Review and Microbial Ecology inÂBacterial NanoCellulose Fermentation. , 2016, , 1-17.		6
17	Medical Devices Regulation. , 2016, , 167-178.		1
18	Molecular Control Over BNC Biosynthesis. , 2016, , 47-58.		1

#	Article	IF	Citations
19	Putative motility-related genes in Gluconacetobacter xylinus. Initial verification of their influence on BioNanoCellulose biosynthesis. New Biotechnology, 2014, 31, S109.	2.4	0
20	Comparative genomics of cellulose overproducers. New Biotechnology, 2016, 33, S178.	2.4	0
21	Novel mutants of Gluconacetobacter with different cellulose synthesis ability. New Biotechnology, 2016, 33, S20-S21.	2.4	0