

# Marzena JÄdrzejczak-Krzepkowska

## List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	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
3	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
4	Evolved Fusarium oxysporum laccase expressed in Saccharomyces cerevisiae. Scientific Reports, 2020, 10, 3244.	1.6	12
5	Comparative genomics of the <i>Komagataeibacter</i> strains – Efficient bionanocellulose producers. MicrobiologyOpen, 2019, 8, e00731.	1.2	51
6	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
7	Improvement of efficiency of brown coal biosolubilization by novel recombinant Fusarium oxysporum laccase. AMB Express, 2018, 8, 133.	1.4	19
8	Medical and Cosmetic Applications of Bacterial NanoCellulose. , 2016, , 145-165.		33
9	Medical Devices Regulation. , 2016, , 167-178.		1
10	Molecular Control Over BNC Biosynthesis. , 2016, , 47-58.		1
11	Comparative genomics of cellulose overproducers. New Biotechnology, 2016, 33, S178.	2.4	0
12	Novel mutants of Gluconacetobacter with different cellulose synthesis ability. New Biotechnology, 2016, 33, S20-S21.	2.4	0
13	Bacterial NanoCellulose Synthesis, Recent Findings. , 2016, , 19-46.		16
14	Taxonomic Review and Microbial Ecology in Bacterial NanoCellulose Fermentation. , 2016, , 1-17.		6
15	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
16	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
17	Application of enzymatic apple pomace hydrolysate to production of 2,3-butanediol by alkaliphilic <i>Bacillus licheniformis</i> NCIMB 8059. Journal of Industrial Microbiology and Biotechnology, 2015, 42, 1609-1621.	1.4	25
18	Complete genome sequence of Gluconacetobacter xylinus E25 strain – Valuable and effective producer of bacterial nanocellulose. Journal of Biotechnology, 2014, 176, 18-19.	1.9	53

#	ARTICLE	IF	CITATIONS
19	Putative motility-related genes in <i>Gluconacetobacter xylinus</i> . Initial verification of their influence on BioNanoCellulose biosynthesis. <i>New Biotechnology</i> , 2014, 31, S109.	2.4	0
20	Crystal structures of the apo form of $\beta$ -fructofuranosidase from <i>Bifidobacterium longum</i> and its complex with fructose. <i>FEBS Journal</i> , 2011, 278, 1728-1744.	2.2	56
21	Biosynthesis, purification and characterization of $\beta$ -fructofuranosidase from <i>Bifidobacterium longum</i> KN29.1. <i>Process Biochemistry</i> , 2011, 46, 1963-1972.	1.8	24