Anna Bzducha-WrÃ³bel

List of Publications by Year
in descending order

29 papers	1,041 citations	430754 18 h-index	434063 31 g-index
31 all docs	31 docs citations	31 times ranked	1103 citing authors

#	Article	IF	Citations
1	Recent advances on smart glycoconjugate vaccines in infections and cancer. FEBS Journal, 2022, 289, 4251-4303.	2.2	39
2	Bioactive compounds of potato (Solanum tuberosum L.) juice: from industry waste to food and medical applications. Critical Reviews in Plant Sciences, 2022, 41, 52-89.	2.7	19
3	Non-conventional yeasts for food and additives production in a circular economy perspective. FEMS Yeast Research, 2021, 21, .	1.1	12
4	Emerging glycoâ€based strategies to steer immune responses. FEBS Journal, 2021, 288, 4746-4772.	2.2	22
5	Valorization of Deproteinated Potato Juice Water into Î²-Glucan Preparation of C. utilis Origin: Comparative Study of Preparations Obtained by Two Isolation Methods. Waste and Biomass Valorization, 2020, 11, 3257-3271.	1.8	17
6	Comparison of simple and rapid cell wall disruption methods for improving lipid extraction from yeast cells. Journal of Microbiological Methods, 2020, 176, 105999.	0.7	21
7	Deproteinated potato wastewater as a low-cost nitrogen substrate for very high yeast biomass quantities: starting point for scaled-up applications. European Food Research and Technology, 2019, 245, 919-928.	1.6	3
8	Deproteinated Potato Wastewater as a Sustainable Nitrogen Source in Trichosporon domesticum Yeast Lipids Biosynthesisâ€"a Concept of Valorization of Wastewater from Starch Industry. Potato Research, 2019, 62, 221-237.	1.2	6
9	Chemical changes that occur in Jerusalem artichoke silage. Food Chemistry, 2019, 295, 172-179.	4.2	5
10	Candida utilis ATCC 9950 Cell Walls and Î²(1,3)/(1,6)-Glucan Preparations Produced Using Agro-Waste as a Mycotoxins Trap. Toxins, 2019, 11, 192.	1.5	20
11	Effect of selenium on growth and antioxidative system of yeast cells. Molecular Biology Reports, 2019, 46, 1797-1808.	1.0	65
12	Effect of Selenium on Lipid and Amino Acid Metabolism in Yeast Cells. Biological Trace Element Research, 2019, 187, 316-327.	1.9	59
13	Application of Industrial Wastes for the Production of Microbial Single-Cell Protein by Fodder Yeast Candida utilis. Waste and Biomass Valorization, 2018, 9, 57-64.	1.8	62
14	Research on the ability of propionic acid and vitamin B12 biosynthesis by Propionibacterium freudenreichii strain T82. Antonie Van Leeuwenhoek, 2018, 111, 921-932.	0.7	12
15	The scale-up cultivation of Candida utilis in waste potato juice water with glycerol affects biomass and Î²(1,3)/(1,6)-glucan characteristic and yield. Applied Microbiology and Biotechnology, 2018, 102, 9131-9145.	1.7	29
16	Modification of the cell wall structure of Saccharomyces cerevisiae strains during cultivation on waste potato juice water and glycerol towards biosynthesis of functional polysaccharides. Journal of Biotechnology, 2018, 281, 1-10.	1.9	31
17	Effect of initial pH of medium with potato wastewater and glycerol on protein, lipid and carotenoid biosynthesis by Rhodotorula glutinis. Electronic Journal of Biotechnology, 2017, 27, 25-31.	1.2	62
18	Utilization of a waste glycerol fraction using and reusing immobilized Gluconobacter oxydans ATCC 621 cell extract. Electronic Journal of Biotechnology, 2017, 27, 44-48.	1.2	11

#	Article	IF	Citations
19	Biotechnological use of Candida yeasts in the food industry: A review. Fungal Biology Reviews, 2017, 31, 185-198.	1.9	84
20	Evaluation of lipid biosynthesis ability by Rhodotorula and Sporobolomyces strains in medium with glycerol. European Food Research and Technology, 2017, 243, 275-286.	1.6	29
21	Effect of Magnesium Acetate on the Antimold Activity of Lactobacillus. Journal of Food Protection, 2017, 80, 96-103.	0.8	2
22	The exopolysaccharides biosynthesis by Candida yeast depends on carbon sources. Electronic Journal of Biotechnology, 2016, 22, 31-37.	1.2	46
23	Effects of Selenium on Morphological Changes in Candida utilis ATCC 9950 Yeast Cells. Biological Trace Element Research, 2016, 169, 387-393.	1.9	43
24	Influence of Selenium Content in the Culture Medium on Protein Profile of Yeast CellsCandida utilisATCC 9950. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-6.	1.9	26
25	Accumulation and metabolism of selenium by yeast cells. Applied Microbiology and Biotechnology, 2015, 99, 5373-5382.	1.7	144
26	Biosynthesis of Î²(1,3)/(1,6)-glucans of cell wall of the yeast Candida utilis ATCC 9950 strains in the culture media supplemented with deproteinated potato juice water and glycerol. European Food Research and Technology, 2015, 240, 1023-1034.	1.6	48
27	Evaluation of the Efficiency of Different Disruption Methods on Yeast Cell Wall Preparation for Î²-Glucan Isolation. Molecules, 2014, 19, 20941-20961.	1.7	68
28	Chemical composition of the cell wall of probiotic and brewerâ€™s yeast in response to cultivation medium with glycerol as a carbon source. European Food Research and Technology, 2013, 237, 489-499.	1.6	36
29	Cell wall structure of selected yeast species as a factor of magnesium binding ability. European Food Research and Technology, 2012, 235, 355-366.	1.6	15