

Iwona Gientka

List of Publications by Year in descending order

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31
papers

1,089
citations

516710

16
h-index

477307

29
g-index

31
all docs

31
docs citations

31
times ranked

1200
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing Red Yeast Biomass Yield and Lipid Biosynthesis by Using Waste Nitrogen Source by Glucose Fed-Batch at Low Temperature. <i>Microorganisms</i> , 2022, 10, 1253.	3.6	4
2	Use of Phage Cocktail for Improving the Overall Microbiological Quality of Sprouts—Two Methods of Application. <i>Applied Microbiology</i> , 2021, 1, 289-303.	1.6	6
3	The use of bacteriophages against saprophytic mesophilic bacteria in minimally processed food. <i>Acta Scientiarum Polonorum, Technologia Alimentaria</i> , 2021, 20, 473-484.	0.3	3
4	The use of bacteriophages against saprophytic mesophilic bacteria in minimally processed food [pdf]. <i>Acta Scientiarum Polonorum, Technologia Alimentaria</i> , 2021, 20, 473-484.	0.3	2
5	Characterization and Genome Study of Novel Lytic Bacteriophages against Prevailing Saprophytic Bacterial Microflora of Minimally Processed Plant-Based Food Products. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12460.	4.1	3
6	Comparison of simple and rapid cell wall disruption methods for improving lipid extraction from yeast cells. <i>Journal of Microbiological Methods</i> , 2020, 176, 105999.	1.6	21
7	Production of lipids and carotenoids by <i>Rhodotorula gracilis</i> ATCC 10788 yeast in a bioreactor using low-cost wastes. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 26, 101634.	3.1	36
8	Effect of exogenous stress factors on the biosynthesis of carotenoids and lipids by <i>Rhodotorula</i> yeast strains in media containing agro-industrial waste. <i>World Journal of Microbiology and Biotechnology</i> , 2019, 35, 157.	3.6	59
9	Deproteinized potato wastewater as a low-cost nitrogen substrate for very high yeast biomass quantities: starting point for scaled-up applications. <i>European Food Research and Technology</i> , 2019, 245, 919-928.	3.3	3
10	Deproteinized Potato Wastewater as a Sustainable Nitrogen Source in <i>Trichosporon domesticum</i> Yeast Lipids Biosynthesis—a Concept of Valorization of Wastewater from Starch Industry. <i>Potato Research</i> , 2019, 62, 221-237.	2.7	6
11	Sweet Basil (<i>Ocimum basilicum</i> L.) Productivity and Raw Material Quality from Organic Cultivation. <i>Agronomy</i> , 2019, 9, 279.	3.0	35
12	Simultaneous Production of Lipids and Carotenoids by the Red Yeast <i>Rhodotorula</i> from Waste Glycerol Fraction and Potato Wastewater. <i>Applied Biochemistry and Biotechnology</i> , 2019, 189, 589-607.	2.9	75
13	<i>Candida utilis</i> ATCC 9950 Cell Walls and $\beta(1,3)/(1,6)$ -Glucan Preparations Produced Using Agro-Waste as a Mycotoxins Trap. <i>Toxins</i> , 2019, 11, 192.	3.4	20
14	The concept of using bacteriophages to improve the microbiological quality of minimally processed foods [pdf]. <i>Acta Scientiarum Polonorum, Technologia Alimentaria</i> , 2019, 18, 373-383.	0.3	2
15	The concept of using bacteriophages to improve the microbiological quality of minimally processed foods. <i>Acta Scientiarum Polonorum, Technologia Alimentaria</i> , 2019, 18, 373-383.	0.3	7
16	Torulene and torularhodin: a new fungal carotenoids for industry?. <i>Microbial Cell Factories</i> , 2018, 17, 49.	4.0	113
17	Effect of initial pH of medium with potato wastewater and glycerol on protein, lipid and carotenoid biosynthesis by <i>Rhodotorula glutinis</i> . <i>Electronic Journal of Biotechnology</i> , 2017, 27, 25-31.	2.2	62
18	Utilization of a waste glycerol fraction using and reusing immobilized <i>Gluconobacter oxydans</i> ATCC 621 cell extract. <i>Electronic Journal of Biotechnology</i> , 2017, 27, 44-48.	2.2	11

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19	Biotechnological use of <i>Candida</i> yeasts in the food industry: A review. <i>Fungal Biology Reviews</i> , 2017, 31, 185-198.	4.7	84
20	Evaluation of lipid biosynthesis ability by <i>Rhodotorula</i> and <i>Sporobolomyces</i> strains in medium with glycerol. <i>European Food Research and Technology</i> , 2017, 243, 275-286.	3.3	29
21	Identification and Characterization of Oleaginous Yeast Isolated from Kefir and Its Ability to Accumulate Intracellular Fats in Deproteinized Potato Wastewater with Different Carbon Sources. <i>BioMed Research International</i> , 2017, 2017, 1-19.	1.9	28
22	Próba zastosowania glicerolu i ziemniaczanej wody sokowej do produkcji karotenoidów przez drożdże <i>Rhodotorula Gracilis</i> . <i>Zeszyty Problemowe Postępów Nauk Rolniczych</i> , 2017, , 49-57.	0.1	1
23	<i>Rhodotorula glutinis</i> potential source of lipids, carotenoids, and enzymes for use in industries. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 6103-6117.	3.6	161
24	The exopolysaccharides biosynthesis by <i>Candida</i> yeast depends on carbon sources. <i>Electronic Journal of Biotechnology</i> , 2016, 22, 31-37.	2.2	46
25	Mikrobiologiczne źródła DHA. <i>Przemysł Spożywczy</i> , 2016, 1, 27-29.	0.1	0
26	Biodegradation of deproteinized potato wastewater and glycerol during cultivation of <i>Rhodotorula glutinis</i> yeast. <i>Electronic Journal of Biotechnology</i> , 2015, 18, 428-432.	2.2	10
27	Accumulation and metabolism of selenium by yeast cells. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 5373-5382.	3.6	144
28	Exopolysaccharides from yeast: insight into optimal conditions for biosynthesis, chemical composition and functional properties & review. <i>Acta Scientiarum Polonorum, Technologia Alimentaria</i> , 2015, 14, 283-292.	0.3	37
29	Bakteryjne preparaty enzymatyczne w technologii żywienia Cz. 2. Zastosowanie enzymów. <i>Przemysł Spożywczy</i> , 2015, 1, 28-31.	0.1	0
30	Evaluation of the Efficiency of Different Disruption Methods on Yeast Cell Wall Preparation for β -Glucan Isolation. <i>Molecules</i> , 2014, 19, 20941-20961.	3.8	68
31	Effect of glycerol and dihydroxyacetone concentrations in the culture medium on the growth of acetic acid bacteria <i>Gluconobacter oxydans</i> ATCC 621. <i>European Food Research and Technology</i> , 2014, 239, 453-461.	3.3	13