

Aneta M Bialkowska

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24 papers	562 citations	14 h-index	23 g-index
29 ext. papers	709 ext. citations	4.1 avg, IF	4.3 L-index

#	Paper	IF	Citations
24	Advanced Glycation End-Products (AGEs): Formation, Chemistry, Classification, Receptors, and Diseases Related to AGEs.. <i>Cells</i> , 2022 , 11,	7.9	9
23	Screening of Novel Laccase Producers-Isolation and Characterization of Cold-Adapted Laccase from G3 Capable of Synthetic Dye Decolorization. <i>Biomolecules</i> , 2021 , 11,	5.9	1
22	Keratinases as Versatile Enzymatic Tools for Sustainable Development.. <i>Biomolecules</i> , 2021 , 11,	5.9	3
21	Ice Binding Proteins: Diverse Biological Roles and Applications in Different Types of Industry. <i>Biomolecules</i> , 2020 , 10,	5.9	16
20	Bacterial Nanocellulose-A Biobased Polymer for Active and Intelligent Food Packaging Applications: Recent Advances and Developments. <i>Polymers</i> , 2020 , 12,	4.5	26
19	When Salt Meddles Between Plant, Soil, and Microorganisms. <i>Frontiers in Plant Science</i> , 2020 , 11, 5530876.2	7.2	34
18	The psychrotrophic yeast <i>Sporobolomyces roseus</i> LOCK 1119 as a source of a highly active aspartic protease for the in vitro production of antioxidant peptides. <i>Biotechnology and Applied Biochemistry</i> , 2018 , 65, 726-738	2.8	9
17	Genetic and biochemical characterization of yeasts isolated from Antarctic soil samples. <i>Polar Biology</i> , 2017 , 40, 1787-1803	2	13
16	Extremophilic proteases as novel and efficient tools in short peptide synthesis. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2017 , 44, 1325-1342	4.2	17
15	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
14	Strategies for efficient and economical 2,3-butanediol production: new trends in this field. <i>World Journal of Microbiology and Biotechnology</i> , 2016 , 32, 200	4.4	70
13	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
12	Extremophilic Proteases: Developments of Their Special Functions, Potential Resources and Biotechnological Applications. <i>Grand Challenges in Biology and Biotechnology</i> , 2016 , 399-444	2.4	8
11	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, 1609-21.2	4.2	18
10	Miscellaneous Cold-Active Yeast Enzymes of Industrial Importance 2014 , 377-395		8
9	Purification, characterisation and expression in <i>Saccharomyces cerevisiae</i> of LipG7 an enantioselective, cold-adapted lipase from the Antarctic filamentous fungus <i>Geomyces</i> sp. P7 with unusual thermostability characteristics. <i>Enzyme and Microbial Technology</i> , 2013 , 53, 18-24	3.8	37
8	A new beta-galactosidase with a low temperature optimum isolated from the Antarctic <i>Arthrobacter</i> sp. 20B: gene cloning, purification and characterization. <i>Archives of Microbiology</i> , 2009 , 191, 825-35	3	54

7	Antarctic, cold-adapted β -galactosidase of <i>Pseudoalteromonas</i> sp. 22b as an effective tool for alkyl galactopyranosides synthesis. <i>Enzyme and Microbial Technology</i> , 2009 , 44, 59-64	3.8	17
6	Extracellular secretion of <i>Pseudoalteromonas</i> sp. cold-adapted esterase in <i>Escherichia coli</i> in the presence of <i>Pseudoalteromonas</i> sp. components of ABC transport system. <i>Protein Expression and Purification</i> , 2008 , 62, 179-84	2	9
5	Immobilized preparation of cold-adapted and halotolerant Antarctic beta-galactosidase as a highly stable catalyst in lactose hydrolysis. <i>FEMS Microbiology Ecology</i> , 2007 , 59, 535-42	4.3	23
4	A cold-adapted esterase from psychrotrophic <i>Pseudoalteromonas</i> sp. strain 643A. <i>Archives of Microbiology</i> , 2007 , 188, 27-36	3	34
3	Molecular modelling of a psychrophilic β -galactosidase. <i>Biocatalysis and Biotransformation</i> , 2005 , 23, 201-209	2.5	6
2	Cloning, expression, and purification of a recombinant cold-adapted beta-galactosidase from antarctic bacterium <i>Pseudoalteromonas</i> sp. 22b. <i>Protein Expression and Purification</i> , 2005 , 39, 27-34	2	68
1	Antarctic marine bacterium <i>Pseudoalteromonas</i> sp. 22b as a source of cold-adapted beta-galactosidase. <i>New Biotechnology</i> , 2003 , 20, 317-24		52