

Jān Krahulec

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

254
citations

933447

10
h-index

996975

15
g-index

21
all docs

21
docs citations

21
times ranked

425
citing authors

#	ARTICLE	IF	CITATIONS
1	Making Waves: Collaboration in the time of SARS-CoV-2 - rapid development of an international co-operation and wastewater surveillance database to support public health decision-making. <i>Water Research</i> , 2021, 199, 117167.	11.3	48
2	High level expression and purification of antimicrobial human cathelicidin LL-37 in <i>Escherichia coli</i> . <i>Applied Microbiology and Biotechnology</i> , 2010, 88, 167-175.	3.6	34
3	High-level expression and purification of recombinant human growth hormone produced in soluble form in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2014, 100, 40-47.	1.3	26
4	Mathematical modeling based on RT-qPCR analysis of SARS-CoV-2 in wastewater as a tool for epidemiology. <i>Scientific Reports</i> , 2021, 11, 19456.	3.3	24
5	High level expression of human enteropeptidase light chain in <i>Pichia pastoris</i> . <i>Journal of Biotechnology</i> , 2011, 156, 67-75.	3.8	19
6	Increase in hyaluronic acid production by <i>Streptococcus equi</i> subsp. <i>zooepidemicus</i> strain deficient in β -glucuronidase in laboratory conditions. <i>Applied Microbiology and Biotechnology</i> , 2006, 71, 415-422.	3.6	18
7	Characterisation of plasmids purified from <i>Acetobacter pasteurianus</i> 2374. <i>Biochemical and Biophysical Research Communications</i> , 2003, 310, 94-97.	2.1	13
8	Characterization of the new β -glucuronidase from <i>Streptococcus equi</i> subsp. <i>zooepidemicus</i> . <i>Applied Microbiology and Biotechnology</i> , 2007, 74, 1016-1022.	3.6	12
9	Modulation of heterologous expression from P BAD promoter in <i>Escherichia coli</i> production strains. <i>Journal of Biotechnology</i> , 2016, 236, 1-9.	3.8	12
10	Optimization of the fermentation and downstream processes for human enterokinase production in <i>Pichia pastoris</i> . <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 1927-1934.	3.6	11
11	Upstream regulatory regions controlling the expression of the <i>Candida utilis</i> maltase gene. <i>Journal of Biotechnology</i> , 2014, 189, 136-142.	3.8	6
12	Production of Hyaluronic Acid by Mutant Strains of Group C <i>Streptococcus</i> . <i>Molecular Biotechnology</i> , 2013, 54, 747-755.	2.4	5
13	The ploidy determination of the biotechnologically important yeast <i>Candida utilis</i> . <i>Journal of Applied Genetics</i> , 2020, 61, 275-286.	1.9	5
14	Structure of the has Operon Promoter and the Effect of Mutations on the has Promoter Strength in <i>Streptococcus equi</i> subsp. <i>zooepidemicus</i> . <i>Molecular Biotechnology</i> , 2011, 49, 166-175.	2.4	4
15	Optimization of expression of untagged and histidine-tagged human recombinant thrombin precursors in <i>Escherichia coli</i> . <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 9259-9270.	3.6	4
16	Impact of media components from different suppliers on enterokinase productivity in <i>Pichia pastoris</i> . <i>BMC Biotechnology</i> , 2021, 21, 19.	3.3	4
17	Structural and Functional Impact of Seven Missense Variants of Phenylalanine Hydroxylase. <i>Genes</i> , 2019, 10, 459.	2.4	2
18	Ferrate (VI), Fenton Reaction and Its Modification: An Effective Method of Removing SARS-CoV-2 RNA from Hospital Wastewater. <i>Pathogens</i> , 2022, 11, 450.	2.8	2

#	ARTICLE	IF	CITATIONS
19	Electrochemical determination of basic biochemical properties of enzyme enterokinase. Monatshefte für Chemie, 2015, 146, 755-759.	1.8	1
20	Native and denatured enzyme enterokinase determined by electrochemical methods. Monatshefte für Chemie, 2017, 148, 549-553.	1.8	1