

Michał, Burdukiewicz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1881443/publications.pdf>

Version: 2024-02-01

28
papers

621
citations

687363

13
h-index

642732

23
g-index

32
all docs

32
docs citations

32
times ranked

970
citing authors

#	ARTICLE	IF	CITATIONS
1	A systematic review and meta-analysis of the epidemiology of pathogenic <i>Escherichia coli</i> of calves and the role of calves as reservoirs for human pathogenic <i>E. coli</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2015, 5, 23.	3.9	99
2	Genotypic and Phenotypic Characteristics Associated with Biofilm Formation by Human Clinical <i>Escherichia coli</i> Isolates of Different Pathotypes. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	65
3	Proteomic Screening for Prediction and Design of Antimicrobial Peptides with AmpGram. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4310.	4.1	59
4	Amyloidogenic motifs revealed by n-gram analysis. <i>Scientific Reports</i> , 2017, 7, 12961.	3.3	52
5	Classification of dead and living microalgae <i>Chlorella vulgaris</i> by bioimage informatics and machine learning. <i>Algal Research</i> , 2020, 48, 101908.	4.6	34
6	Simultaneous detection and quantification of DNA and protein biomarkers in spectrum of cardiovascular diseases in a microfluidic microbead chip. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 7725-7735.	3.7	32
7	Impact of Smoothing on Parameter Estimation in Quantitative DNA Amplification Experiments. <i>Clinical Chemistry</i> , 2015, 61, 379-388.	3.2	31
8	chipPCR: an R package to pre-process raw data of amplification curves. <i>Bioinformatics</i> , 2015, 31, 2900-2902.	4.1	29
9	PhyMet ² : a database and toolkit for phylogenetic and metabolic analyses of methanogens. <i>Environmental Microbiology Reports</i> , 2018, 10, 378-382.	2.4	24
10	Adhesion of <i>Salmonella</i> to Pancreatic Secretory Granule Membrane Major Glycoprotein GP2 of Human and Porcine Origin Depends on FimH Sequence Variation. <i>Frontiers in Microbiology</i> , 2018, 9, 1905.	3.5	21
11	MIRRAGGE – Minimum Information Required for Reproducible AGGregation Experiments. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 582488.	2.9	19
12	CancerGram: An Effective Classifier for Differentiating Anticancer from Antimicrobial Peptides. <i>Pharmaceutics</i> , 2020, 12, 1045.	4.5	19
13	R as an Environment for Reproducible Analysis of DNA Amplification Experiments. <i>R Journal</i> , 2015, 7, 127.	1.8	19
14	System-specific periodicity in quantitative real-time polymerase chain reaction data questions threshold-based quantitation. <i>Scientific Reports</i> , 2016, 6, 38951.	3.3	16
15	HaDeX: an R package and web-server for analysis of data from hydrogen-deuterium exchange mass spectrometry experiments. <i>Bioinformatics</i> , 2020, 36, 4516-4518.	4.1	13
16	Algorithms for automated detection of hook effect-bearing amplification curves. <i>Biomolecular Detection and Quantification</i> , 2018, 16, 1-4.	7.0	12
17	Enabling reproducible real-time quantitative PCR research: the RDML package. <i>Bioinformatics</i> , 2017, 33, 4012-4014.	4.1	10
18	Prediction of Signal Peptides in Proteins from Malaria Parasites. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3709.	4.1	10

#	ARTICLE	IF	CITATIONS
19	Variability of Amyloid Propensity in Imperfect Repeats of CsgA Protein of Salmonella enterica and Escherichia coli. International Journal of Molecular Sciences, 2021, 22, 5127.	4.1	9
20	Methods for comparing multiple digital PCR experiments. Biomolecular Detection and Quantification, 2016, 9, 14-19.	7.0	8
21	MegaGO: A Fast Yet Powerful Approach to Assess Functional Gene Ontology Similarity across Meta-Omics Data Sets. Journal of Proteome Research, 2021, 20, 2083-2088.	3.7	8
22	Role of recombination and faithfulness to partner in sex chromosome degeneration. Scientific Reports, 2018, 8, 8978.	3.3	7
23	Phylogenetic grouping and biofilm formation of multidrug resistant Escherichia coli isolates from humans, animals and food products in South-West Nigeria. Scientific African, 2019, 6, e00158.	1.5	7
24	Bioinformatics methods for identification of amyloidogenic peptides show robustness to misannotated training data. Scientific Reports, 2021, 11, 8934.	3.3	5
25	Identification of amyloidogenic proteins in the microbiomes of a rat Parkinson's disease model and wild-type rats. Protein Science, 2021, 30, 1854-1870.	7.6	5
26	Identification of Natural Mutations Responsible for Altered Infection Phenotypes of Salmonella enterica Clinical Isolates by Using Cell Line Infection Screens. Applied and Environmental Microbiology, 2021, 87, .	3.1	4
27	Genome placement of alpha-haemolysin cluster is associated with alpha-haemolysin sequence variation, adhesin and iron acquisition factor profile of Escherichia coli. Microbial Genomics, 2021, 7, .	2.0	2
28	Intracellular Protein S-Nitrosylation in A Cells Response to Extracellular S100B and RAGE Receptor. Biomolecules, 2022, 12, 613.	4.0	2