

Przemysław Decewicz

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

652
citations

687363

13
h-index

642732

23
g-index

35
all docs

35
docs citations

35
times ranked

995
citing authors

#	ARTICLE	IF	CITATIONS
1	Global phylogeography and ancient evolution of the widespread human gut virus crAssphage. <i>Nature Microbiology</i> , 2019, 4, 1727-1736.	13.3	184
2	Insight into heavy metal resistome of soil psychrotolerant bacteria originating from King George Island (Antarctica). <i>Polar Biology</i> , 2018, 41, 1319-1333.	1.2	78
3	Plasmids of Psychrotolerant <i>Polaromonas</i> spp. Isolated From Arctic and Antarctic Glaciers – Diversity and Role in Adaptation to Polar Environments. <i>Frontiers in Microbiology</i> , 2018, 9, 1285.	3.5	38
4	Genome Structure of the Opportunistic Pathogen <i>Paracoccus yeei</i> (Alphaproteobacteria) and Identification of Putative Virulence Factors. <i>Frontiers in Microbiology</i> , 2018, 9, 2553.	3.5	37
5	<i>cytb</i> as a New Genetic Marker for Differentiation of <i>Prototheca</i> Species. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	36
6	Genome content, metabolic pathways and biotechnological potential of the psychrophilic Arctic bacterium <i>Psychrobacter</i> sp. DAB_AL43B, a source and a host of novel <i>Psychrobacter</i> -specific vectors. <i>Journal of Biotechnology</i> , 2017, 263, 64-74.	3.8	21
7	Analysis of the Genome and Mobilome of a Dissimilatory Arsenate Reducing <i>Aeromonas</i> sp. O23A Reveals Multiple Mechanisms for Heavy Metal Resistance and Metabolism. <i>Frontiers in Microbiology</i> , 2017, 8, 936.	3.5	20
8	Application of metagenomic methods for selection of an optimal growth medium for bacterial diversity analysis of microbiocenoses on historical stone surfaces. <i>International Biodeterioration and Biodegradation</i> , 2018, 131, 2-10.	3.9	20
9	Phenotypic plasticity of <i>Escherichia coli</i> upon exposure to physical stress induced by ZnO nanorods. <i>Scientific Reports</i> , 2019, 9, 8575.	3.3	19
10	Genome-Guided Characterization of <i>Ochrobactrum</i> sp. POC9 Enhancing Sewage Sludge Utilization – Biotechnological Potential and Biosafety Considerations. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1501.	2.6	17
11	Characterization of the virome of <i>Paracoccus</i> spp. (Alphaproteobacteria) by combined in silico and in vivo approaches. <i>Scientific Reports</i> , 2019, 9, 7899.	3.3	17
12	Characterization of <i>Sinorhizobium</i> sp. LM21 Prophages and Virus-Encoded DNA Methyltransferases in the Light of Comparative Genomic Analyses of the <i>Sinorhizobial</i> Virome. <i>Viruses</i> , 2017, 9, 161.	3.3	16
13	Characterization of a Unique <i>Bordetella bronchiseptica</i> vB_BbrP_BB8 Bacteriophage and Its Application as an Antibacterial Agent. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1403.	4.1	16
14	Literature-based, manually-curated database of PCR primers for the detection of antibiotic resistance genes in various environments. <i>Water Research</i> , 2019, 161, 211-221.	11.3	15
15	Application of Psychrotolerant Antarctic Bacteria and Their Metabolites as Efficient Plant Growth Promoting Agents. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 772891.	4.1	15
16	Identification, Characterization, and Genomic Analysis of Novel <i>Serratia</i> Temperate Phages from a Gold Mine. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6709.	4.1	11
17	Diversity of Biodeteriorative Bacterial and Fungal Consortia in Winter and Summer on Historical Sandstone of the Northern Pergola, Museum of King John III's Palace at Wilanow, Poland. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 620.	2.5	10
18	Molecular characterization of the pA3J1 plasmid from the psychrotolerant Antarctic bacterium <i>Pseudomonas</i> sp. ANT_J3. <i>Plasmid</i> , 2017, 92, 49-56.	1.4	9

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19	Molecular characterization of the pSinB plasmid of the arsenite oxidizing, metallotolerant <i>Sinorhizobium</i> sp. M14 – insight into the heavy metal resistome of sinorhizobial extrachromosomal replicons. <i>FEMS Microbiology Ecology</i> , 2017, 93, fiw215.	2.7	9
20	Genome-Wide and Functional View of Proteolytic and Lipolytic Bacteria for Efficient Biogas Production through Enhanced Sewage Sludge Hydrolysis. <i>Molecules</i> , 2019, 24, 2624.	3.8	8
21	Plasmidome of <i>Listeria</i> spp. – The repA-Family Business. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10320.	4.1	7
22	Diversity and Horizontal Transfer of Antarctic <i>Pseudomonas</i> spp. Plasmids. <i>Genes</i> , 2019, 10, 850.	2.4	6
23	Prototheca-ID: a web-based application for molecular identification of <i>Prototheca</i> species. <i>Database: the Journal of Biological Databases and Curation</i> , 2021, 2021, .	3.0	6
24	Development and validation of novel PCR primers for identification of plasmid-mediated colistin resistance (<i>mcr</i>) genes in various environmental settings. <i>Journal of Hazardous Materials</i> , 2022, 425, 127936.	12.4	5
25	Effect of Clinoptilolite and Halloysite Addition on Biogas Production and Microbial Community Structure during Anaerobic Digestion. <i>Materials</i> , 2020, 13, 4127.	2.9	4
26	Application of Metagenomic Analyses in Dentistry as a Novel Strategy Enabling Complex Insight into Microbial Diversity of the Oral Cavity. <i>Polish Journal of Microbiology</i> , 2017, 66, 9-15.	1.7	4
27	Identification and Characterization of the First Virulent Phages, Including a Novel Jumbo Virus, Infecting <i>Ochrobactrum</i> spp.. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2096.	4.1	3
28	Simple, Reliable, and Time-Efficient Manual Annotation of Bacterial Genomes with MAISEN. <i>Methods in Molecular Biology</i> , 2021, 2242, 221-229.	0.9	3
29	Characterization of Three Novel Virulent <i>Aeromonas</i> Phages Provides Insights into the Diversity of the Autographiviridae Family. <i>Viruses</i> , 2022, 14, 1016.	3.3	3
30	Genome Study of a Novel Virulent Phage vB_SspS_KASIA and Mu-like Prophages of <i>Shewanella</i> sp. M16 Provides Insights into the Genetic Diversity of the <i>Shewanella</i> Virome. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11070.	4.1	2
31	Marginal lands and fungi – linking the type of soil contamination with fungal community composition. <i>Environmental Microbiology</i> , 2022, 24, 3809-3825.	3.8	2
32	Is bacterial microbiome from the <i>Polemonium caeruleum</i> L. (Polemoniaceae) nectar geographically variable?. <i>Acta Societatis Botanicorum Poloniae</i> , 2019, 88, .	0.8	1
33	Draft Genome Sequence of Arctic, Heavy Metal-Resistant <i>Agrococcus</i> sp. Strain ARC_14 Isolated from Active Layer of Permafrost from Spitsbergen (Norway). <i>Microbiology Resource Announcements</i> , 2022, , e0022122.	0.6	0