

Judit Makk

List of Publications by Year in descending order

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35
papers

677
citations

471509

17
h-index

580821

25
g-index

35
all docs

35
docs citations

35
times ranked

848
citing authors

#	ARTICLE	IF	CITATIONS
1	Biofilm Bacterial Communities Inhabiting the Cave Walls of the Buda Thermal Karst System, Hungary. <i>Geomicrobiology Journal</i> , 2012, 29, 611-627.	2.0	49
2	Cave bacteria-induced amorphous calcium carbonate formation. <i>Scientific Reports</i> , 2020, 10, 8696.	3.3	47
3	Algological and bacteriological investigations on reed periphyton in Lake Velencei, Hungary. <i>Hydrobiologia</i> , 2003, 506-509, 549-557.	2.0	45
4	Texture and type of polymer fiber carrier determine bacterial colonization and biofilm properties in wastewater treatment. <i>Chemical Engineering Journal</i> , 2015, 264, 824-834.	12.7	42
5	Silver- and sulfadiazine-loaded nanostructured silica materials as potential replacement of silver sulfadiazine. <i>Journal of Materials Chemistry B</i> , 2014, 2, 6283-6292.	5.8	41
6	<i>Chloroparva pannonica</i> gen. et sp. nov. (Trebouxiophyceae, Chlorophyta) – a new picoplanktonic green alga from a turbid, shallow soda pan. <i>Phycologia</i> , 2011, 50, 1-10.	1.4	37
7	<i>Cellulomonas phragmiteti</i> sp. nov., a cellulolytic bacterium isolated from reed (<i>Phragmites australis</i>) periphyton in a shallow soda pond. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 1662-1666.	1.7	31
8	Phylogeny of six naviculoid diatoms based on 18S rDNA sequences. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2001, 51, 1581-1586.	1.7	28
9	Microbiological investigation of an industrial ultra pure supply water plant using cultivation-based and cultivation-independent methods. <i>Water Research</i> , 2010, 44, 6124-6132.	11.3	26
10	<i>Arenimonas subflava</i> sp. nov., isolated from a drinking water network, and emended description of the genus <i>Arenimonas</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 1915-1921.	1.7	26
11	Sequential colonization by river periphyton analysed by microscopy and molecular fingerprinting. <i>Freshwater Biology</i> , 2008, 53, 1359-1371.	2.4	22
12	<i>Tahibacter aquaticus</i> gen. nov., sp. nov., a new gammaproteobacterium isolated from the drinking water supply system of Budapest (Hungary). <i>Systematic and Applied Microbiology</i> , 2011, 34, 110-115.	2.8	22
13	Diversity and morphological structure of bacterial communities inhabiting the Diana-Hygieia Thermal Spring (Budapest, Hungary). <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2014, 61, 329-346.	0.8	20
14	Radioactive environment adapted bacterial communities constituting the biofilms of hydrothermal spring caves (Budapest, Hungary). <i>Journal of Environmental Radioactivity</i> , 2019, 203, 8-17.	1.7	20
15	Short-term colonization sequence of periphyton on glass slides in a large river (River Danube, near Tj ETQq1 1 0.784314 rgBTJ/Overlock 0.1 20)		
16	<i>Deinococcus budaensis</i> sp. nov., a mesophilic species isolated from a biofilm sample of a hydrothermal spring cave. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 5345-5351.	1.7	19
17	<i>Brevundimonas balnearis</i> sp. nov., isolated from the well water of a thermal bath. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 1033-1038.	1.7	19
18	<i>Nocardioides hungaricus</i> sp. nov., isolated from a drinking water supply system. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 549-553.	1.7	16

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19	Phenotypic characterization and molecular taxonomic studies on <i>Bacillus</i> and related isolates from <i>Phragmites australis</i> periphyton. <i>Aquatic Botany</i> , 2007, 86, 243-252.	1.6	15
20	Biofilm forming bacteria and archaea in thermal karst springs of Gell�rt Hill discharge area (Hungary). <i>Journal of Basic Microbiology</i> , 2018, 58, 928-937.	3.3	14
21	Comparison of bacterial and archaeal communities from different habitats of the hypogenic Moln�r J�nos Cave of the Buda Thermal Karst System (Hungary). <i>Journal of Cave and Karst Studies</i> , 2017, 79, 113-121.	0.6	14
22	Phylogenetic Diversity of Bacterial Communities Associated with Sulfurous Karstic Well Waters of a Hungarian Spa. <i>Geomicrobiology Journal</i> , 2012, 29, 101-113.	2.0	13
23	Thermophilic prokaryotic communities inhabiting the biofilm and well water of a thermal karst system located in Budapest (Hungary). <i>Extremophiles</i> , 2015, 19, 787-797.	2.3	12
24	New observations about the fertilisation capacity and latency time of sperm inseminated into the ovary of African catfish (<i>Clarias gariepinus</i>), an oviparous model fish. <i>Aquaculture</i> , 2020, 522, 735109.	3.5	12
25	Periphyton and phytoplankton in the Soroks�r-Danube in Hungary. I. Periphytic algae on reed stems. <i>Acta Botanica Hungarica</i> , 2001, 43, 13-35.	0.3	9
26	Critical point analysis and biocide treatment in a microbiologically contaminated water purification system of a power plant. <i>SN Applied Sciences</i> , 2019, 1, 1.	2.9	9
27	Bacterial communities in the collection and chlorinated distribution sections of a drinking water system in Budapest, Hungary. <i>Journal of Basic Microbiology</i> , 2014, 54, 729-738.	3.3	8
28	In situ modelling of biofilm formation in a hydrothermal spring cave. <i>Scientific Reports</i> , 2020, 10, 21733.	3.3	7
29	<i>Deinococcus fonticola</i> sp. nov., isolated from a radioactive thermal spring in Hungary. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 1724-1730.	1.7	7
30	Integration of In Situ Experiments and Numerical Simulations to Reveal the Physicochemical Circumstances of Organic and Inorganic Precipitation at a Thermal Spring. <i>Aquatic Geochemistry</i> , 2018, 24, 231-255.	1.3	6
31	Spatial and temporal changes of bacterial communities inhabiting the well waters of Hark�ny spa. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2013, 60, 329-343.	0.8	5
32	Bicomponent drug formulation for simultaneous release of Ag and sulfadiazine supported on nanosized zeolite Beta. <i>Nano Structures Nano Objects</i> , 2020, 24, 100562.	3.5	5
33	Calcium Carbonate Precipitating Cultivable Bacteria from Different Speleothems of Karst Caves. <i>Geomicrobiology Journal</i> , 2022, 39, 107-122.	2.0	5
34	Phylogenetic diversity of bacterial communities inhabiting the sediment of Lake H�v�z â€” A comparison of cultivation and cloning. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2013, 60, 211-235.	0.8	3
35	Bacterial and abiogenic carbonates formed in cavesâ€”no vital effect on clumped isotope compositions. <i>PLoS ONE</i> , 2021, 16, e0245621.	2.5	3