

Christian Baranyi

List of Publications by Year in descending order

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17
papers

1,952
citations

623734

14
h-index

888059

17
g-index

18
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18
docs citations

18
times ranked

3245
citing authors

#	ARTICLE	IF	CITATIONS
1	16S rRNA Gene-Based Oligonucleotide Microarray for Environmental Monitoring of the Betaproteobacterial Order <i>Rhodocyclales</i> . <i>Applied and Environmental Microbiology</i> , 2005, 71, 1373-1386.	3.1	231
2	Cohn's <i>Crenothrix</i> a filamentous methane oxidizer with an unusual methane monooxygenase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 2363-2367.	7.1	229
3	Zooplankton biomass and community structure in a Danube River floodplain system: effects of hydrology. <i>Freshwater Biology</i> , 2002, 47, 473-482.	2.4	218
4	Biophysical Controls on Community Succession in Stream Biofilms. <i>Applied and Environmental Microbiology</i> , 2007, 73, 4966-4974.	3.1	212
5	A Constant Flux of Diverse Thermophilic Bacteria into the Cold Arctic Seabed. <i>Science</i> , 2009, 325, 1541-1544.	12.6	189
6	Reverse dissimilatory sulfite reductase as phylogenetic marker for a subgroup of sulfur-oxidizing prokaryotes. <i>Environmental Microbiology</i> , 2009, 11, 289-299.	3.8	162
7	Allochthonous and autochthonous particulate organic matter in floodplains of the River Danube: the importance of hydrological connectivity. <i>Freshwater Biology</i> , 2003, 48, 220-232.	2.4	136
8	Initial effects of experimental warming on carbon exchange rates, plant growth and microbial dynamics of a lichen-rich dwarf shrub tundra in Siberia. <i>Plant and Soil</i> , 2008, 307, 191-205.	3.7	126
9	Floodplain restoration by reinforcing hydrological connectivity: expected effects on aquatic mollusc communities. <i>Journal of Applied Ecology</i> , 2006, 43, 474-484.	4.0	108
10	Raman microspectroscopy reveals long-term extracellular activity of chlamydiae. <i>Molecular Microbiology</i> , 2010, 77, 687-700.	2.5	89
11	The impact of surface water exchange on the nutrient and particle dynamics in side-arms along the River Danube, Austria. <i>Science of the Total Environment</i> , 2004, 328, 207-218.	8.0	84
12	<i>Paracatenula</i> , an ancient symbiosis between thiotrophic <i>Alphaproteobacteria</i> and catenulid flatworms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12078-12083.	7.1	75
13	Microorganisms with Novel Dissimilatory (Bi)Sulfite Reductase Genes Are Widespread and Part of the Core Microbiota in Low-Sulfate Peatlands. <i>Applied and Environmental Microbiology</i> , 2011, 77, 1231-1242.	3.1	49
14	Genetic and morphological variability in roach <i>Rutilus rutilus</i> , from Austria. <i>Hydrobiologia</i> , 1997, 350, 13-23.	2.0	14
15	Seasonal dynamics of fish assemblage in a pond canal. <i>Aquaculture International</i> , 2007, 15, 217-226.	2.2	12
16	Chlamydial endocytobionts of free-living amoebae differentially affect the growth rate of their hosts. <i>European Journal of Protistology</i> , 2004, 40, 57-60.	1.5	11
17	Ecdysis-related neuropeptide expression and metamorphosis in a non-ecdysozoan bilaterian. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 2237-2250.	2.3	4