Olga Pavlova

List of Publications by Year in descending order

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18 papers	264 citations	1307594 7 h-index	940533 16 g-index
18 all docs	18 docs citations	18 times ranked	332 citing authors

#	Article	IF	Citations
1	Systematic Structure-Activity Analysis of Microcin J25. Journal of Biological Chemistry, 2008, 283, 25589-25595.	3.4	112
2	Oil in the lake of world heritage. Doklady Earth Sciences, 2007, 415, 682-685.	0.7	35
3	Production of gaseous hydrocarbons by microbial communities of Lake Baikal bottom sediments. Microbiology, 2014, 83, 798-804.	1.2	16
4	Microbial community of the water column of the Selenga River-Lake Baikal biogeochemical barrier. Microbiology, 2008, 77, 587-594.	1.2	15
5	Fractioning of petroleum hydrocarbons from seeped oil as a factor of purity preservation of water in Lake Baikal (Russia). Journal of Great Lakes Research, 2020, 46, 115-122.	1.9	14
6	Substrate Specificity of Methanogenic Communities from Lake Baikal Bottom Sediments Associated with Hydrocarbon Gas Discharge. Microbiology, 2018, 87, 549-558.	1.2	12
7	Anaerobic oxidation of petroleum hydrocarbons in enrichment cultures from sediments of the Gorevoy Utes natural oil seep under methanogenic and sulfate-reducing conditions. Microbial Ecology, 2022, 83, 899-915.	2.8	9
8	Study on the Lake Baikal microbial community in the areas of the natural oil seeps. Applied Biochemistry and Microbiology, 2008, 44, 287-291.	0.9	8
9	Title is missing!. Applied Biochemistry and Microbiology, 2003, 39, 585-589.	0.9	7
10	Microorganisms in the Sediments of Lake Baikal, the Deepest and Oldest Lake in the World. Microbiology, 2021, 90, 298-313.	1.2	7
11	Microbial communities and their ability to oxidize n-alkanes in the area of release of gas- and oil-containing fluids in Mid-Baikal (Cape Gorevoi Utes). Biology Bulletin, 2012, 39, 458-463.	0.5	6
12	Comparative characterization of microbial communities in two regions of natural oil seepage in Lake Baikal. Biology Bulletin, 2008, 35, 287-293.	0.5	5
13	Transformation of Organic Matter by a Microbial Community in Sediments of Lake Baikal under Experimental Thermobaric Conditions of Protocatagenesis. Geomicrobiology Journal, 2016, 33, 599-606.	2.0	5
14	Microbial community of the oxidized layer of Lake Baikal bottom sediments in the Selenga mouth. Water Resources, 2005, 32, 204-208.	0.9	3
15	Diversity of cultured aerobic organisms in the areas of natural oil seepage on Lake Baikal. Biology Bulletin, 2009, 36, 430-436.	0.5	3
16	Investigation of distribution, species composition, and degree of resistance to antibiotics of the bacteria of the Enterococcus genus in Lake Baikal. Contemporary Problems of Ecology, 2010, 3, 457-462.	0.7	3
17	Thermophilic Bacteria in Lake Baikal Bottom Sediments Associated with Hydrocarbon Discharge. Microbiology, 2019, 88, 335-342.	1.2	2
18	Molecular Indicators of Sources and Biodegradation of Organic Matter in Sediments of Fluid Discharge Zones of Lake Baikal. Geosciences (Switzerland), 2022, 12, 72.	2.2	2