

Aleksei S Rozanov

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

150
citations

1478505

6
h-index

1199594

12
g-index

20
all docs

20
docs citations

20
times ranked

222
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial biodiversity of bacteria along the largest Arctic river determined by next-generation sequencing. <i>FEMS Microbiology Ecology</i> , 2014, 89, 442-450.	2.7	41
2	Geological, hydrogeochemical, and microbiological characteristics of the Oil site of the Uzon caldera (Kamchatka). <i>Russian Geology and Geophysics</i> , 2015, 56, 39-63.	0.7	29
3	Gene expression profiling of tumor-initiating stem cells from mouse Krebs-2 carcinoma using a novel marker of poorly differentiated cells. <i>Oncotarget</i> , 2017, 8, 9425-9441.	1.8	17
4	Application of the immobilized bacterial recombinant lipase from <i>Geobacillus stearothermophilus</i> G3 for the production of fatty acid methyl esters. <i>Catalysis in Industry</i> , 2016, 8, 187-193.	0.7	13
5	Cloning of <i>Escherichia coli</i> K12 xylose isomerase (glucose isomerase) gene and studying the enzymatic properties of its expression product. <i>Applied Biochemistry and Microbiology</i> , 2009, 45, 31-37.	0.9	10
6	Survival of halophiles of Altai lakes under extreme environmental conditions: implications for the search for Martian life. <i>International Journal of Astrobiology</i> , 2020, 19, 1-15.	1.6	7
7	Diversity and occurrence of methylotrophic yeasts used in genetic engineering. <i>Vavilovskii Zhurnal Genetiki i Seleksii</i> , 2020, 24, 149-157.	1.1	7
8	Analysis of enzymes of the hemicellulose complex from <i>Geobacillus stearothermophilus</i> 22 VKPM B-11678 isolated from Garga hot spring, Russia. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2015, 116, 159-165.	1.8	5
9	Computer analysis of metagenomic data—Prediction of quantitative value of specific activity of proteins. <i>Doklady Biochemistry and Biophysics</i> , 2012, 443, 76-80.	0.9	4
10	Adaptive capabilities of microorganisms of salt lakes of the Altai Region under conditions of early Mars. <i>Paleontological Journal</i> , 2013, 47, 1089-1092.	0.5	4
11	Theoretical and practical issues of hydrocarbon biological oxidation by microorganisms. <i>Russian Journal of Genetics: Applied Research</i> , 2015, 5, 383-393.	0.4	3
12	Bioinformatics analysis of the genome of <i>Geobacillus stearothermophilus</i> 22 Strain isolated from the Garga hot spring, Baikal Region. <i>Russian Journal of Genetics: Applied Research</i> , 2014, 4, 267-272.	0.4	2
13	Draft genome sequence of <i>Anoxybacillus flavithermus</i> KU2-6-11 isolated from hot-spring in Uzon caldera (Kamchatka, Russia). <i>Data in Brief</i> , 2018, 16, 758-761.	1.0	2
14	Metagenomic data on prokaryotic diversity of Kunashir island geothermal spring. <i>Data in Brief</i> , 2020, 32, 106244.	1.0	2
15	An integrated method for taxonomic identification of microorganisms. <i>Vavilovskii Zhurnal Genetiki i Seleksii</i> , 2020, 24, 376-382.	1.1	2
16	Recombinant strains of <i>Saccharomyces cerevisiae</i> for ethanol production from plant biomass. <i>Russian Journal of Genetics: Applied Research</i> , 2015, 5, 375-382.	0.4	1
17	A quantitative method for determination of PPDK concentration in miscanthus leaves. <i>CCB Bioenergy</i> , 2017, 9, 262-269.	5.6	1
18	Current state of genetic and metabolic engineering of the genus <i>Geobacillus</i> aimed at production of ethanol and organic acids. <i>Russian Journal of Genetics: Applied Research</i> , 2014, 4, 218-226.	0.4	0

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19	Collection of microorganisms of ICG SB RAS as a genetic resource for biotechnology. Vavilovskii Zhurnal Genetiki i Seleksii, 2017, 21, 630-637.	1.1	0
20	Non-coding RNAs in pneumonia diagnosis. Siberian Medical Journal, 2020, 34, 72-82.	0.3	0