Olga N Ponamoreva

List of Publications by Year
in descending order

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38 papers	460 citations	687220 13 h-index	752573 20 g-index
41 all docs	41 docs citations	41 times ranked	484 citing authors

#	Article	IF	Citations
1	Microorganisms of Microbial Mats from an Alkaline Hot Spring of Baikal Rift Zone as Bioagents in a Biofuel Cell. Geomicrobiology Journal, 2022, 39, 566-576.	1.0	1
2	Use of biocompatible redox-active polymers based on carbon nanotubes and modified organic matrices for development of a highly sensitive BOD biosensor. Enzyme and Microbial Technology, 2021, 143, 109706.	1.6	26
3	Transformation of oil and hexadecane in soil by microbial preparations and earthworms. Bioremediation Journal, 2021, 25, 159-168.	1.0	2
4	A Biosensor Based Microorganisms Immobilized in Layer-by-Layer Films for the Determination of Biochemical Oxygen Demand. Applied Biochemistry and Microbiology, 2021, 57, 133-141.	0.3	7
5	A kinetic approach to the formation of two-mediator systems for developing microbial biosensors as exemplified by a rapid biochemical oxygen demand assay. 3 Biotech, 2021, 11, 222.	1.1	9
6	Acidophilic chemolithotrophic microorganisms: prospects for use in biohydrometallurgy and microbial fuel cells. IzvestiÃ¢ Vuzov: PrikladnaÃ¢ HimiÃ¢ I BiotehnologiÃ¢, 2021, 11, 34-52.	0.1	0
7	Possibilities of Using Phytoenergy Systems in the Ecological Rehabilitation of Contaminated Areas of the Baikal Region. IOP Conference Series: Earth and Environmental Science, 2021, 720, 012050.	0.2	0
8	Expression of thermophilic two-domain laccase from <i>Catenuloplanes japonicus</i> in <i>Escherichia coli</i> and its activity against triarylmethane and azo dyes. PeerJ, 2021, 9, e11646.	0.9	7
9	Application of organosilicate matrix based on methyltriethoxysilane, PVA and bacteria Paracoccus yeei to create a highly sensitive BOD. 3 Biotech, 2021, 11, 331.	1.1	7
10	Bioelectrochemical processes of oxidation of dicarboxylic amino acids by strain Micrococcus luteus 1-I in a biofuel cell. IOP Conference Series: Earth and Environmental Science, 2021, 808, 012038.	0.2	4
11	Impact of hydrophilic polymers in organosilica matrices on structure, stability, and biocatalytic activity of immobilized methylotrophic yeast used as biofilter bed. Enzyme and Microbial Technology, 2021, 150, 109879.	1.6	7
12	Novel biocatalyst from Microthielavia ovispora VKM F-1735 for industrial dye decolorization in the absence of mediators. Process Biochemistry, 2021, 109, 186-197.	1.8	0
13	Acidophilic Microorganisms Leptospirillum sp., Acidithiobacillus sp., Ferroplasma sp. As a Cathodic Bioagents in a MFC. Geomicrobiology Journal, 2021, 38, 340-346.	1.0	7
14	Biohybrid of methylotrophic yeast and organically modified silica gels from solâ€“gel chemistry of tetraethoxysilane and dimethyldiethoxysilane. Journal of Sol-Gel Science and Technology, 2019, 92, 359-366.	1.1	5
15	Renewable Bio-anodes for Microbial Fuel Cells. , 2019, , 1167-1182.		0
16	Characterization of biosurfactants produced by the oil-degrading bacterium Rhodococcus erythropolis S67 at low temperature. World Journal of Microbiology and Biotechnology, 2018, 34, 20.	1.7	39
17	Effect of polyethylene glycol additives on structure, stability, and biocatalytic activity of ormosil solâ€“gel encapsulated yeast cells. Journal of Sol-Gel Science and Technology, 2018, 88, 1-5.	1.1	11
18	Yeast Debaryomyces hansenii within ORMOSIL Shells as a Heterogeneous Biocatalyst. Applied Biochemistry and Microbiology, 2018, 54, 736-742.	0.3	9

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19	Renewable Bio-anodes for Microbial Fuel Cells. , 2018, , 1-16.		1
20	Three-Dimensional Organization of Self-Encapsulating <i>Gluconobacter oxydans</i> Bacterial Cells. ACS Omega, 2017, 2, 8099-8107.	1.6	13
21	Effect of Low Temperature on Hexadecane Biodegradation by Oil-Degrading Bacteria Rhodoccocus sp. X5 Capable of Producing Glycolipid Biosurfactants. Biotekhnologiya, 2017, 33, 49-56.	0.5	1
22	Silica sol-gel encapsulated methylotrophic yeast as filling of biofilters for the removal of methanol from industrial wastewater. Enzyme and Microbial Technology, 2016, 92, 94-98.	1.6	21
23	Yeast-based self-organized hybrid bio-silica solâ€"gels for the design of biosensors. Biosensors and Bioelectronics, 2015, 67, 321-326.	5.3	44
24	Synthesis of organosilicon sol-gel matrices and preparation of heterogeneous biocatalysts based on them. Russian Journal of Applied Chemistry, 2014, 87, 761-766.	0.1	8
25	Bioanode for a microbial fuel cell based on Gluconobacter oxydans immobilized into a polymer matrix. Applied Biochemistry and Microbiology, 2014, 50, 637-643.	0.3	17
26	Glycolipids of Pseudomonas and Rhodococcus oil-degrading bacteria used in bioremediation preparations: Formation and structure. Process Biochemistry, 2013, 48, 931-935.	1.8	41
27	Alteromonas australica sp. nov., isolated from the Tasman Sea. Antonie Van Leeuwenhoek, 2013, 103, 877-884.	0.7	37
28	Purification and characterization of methanol dehydrogenase of Methylobacterium nodulans rhizosphere phytosymbionts. Applied Biochemistry and Microbiology, 2012, 48, 546-551.	0.3	3
29	Transformation of lowâ€molecular linear caprolactam oligomers by caprolactamâ€degrading bacteria. Journal of Chemical Technology and Biotechnology, 2012, 87, 1284-1290.	1.6	16
30	Interaction of Ferrocene Mediators with Gluconobacter oxydans Immobilized Whole Cells and Membrane Fractions in Oxidation of Ethanol. Electroanalysis, 2012, 24, 924-930.	1.5	13
31	Biosensor analyzer for BOD index express control on the basis of the yeast microorganisms Candida maltosa, Candida blankii, and Debaryomyces hansenii. Enzyme and Microbial Technology, 2012, 50, 215-220.	1.6	28
32	Efficiency of bioelectrocatalytic oxidation of ethanol by whole cells and membrane fractions of Gluconobacter Oxydans bacteria in the presence of mediators of ferrocene series. Russian Journal of Electrochemistry, 2010, 46, 1408-1413.	0.3	3
33	Transformation of low-molecular linear caprolactam oligomers by the caprolactam-degrading bacterium Pseudomonas putida BS394(pBS268). Microbiology, 2010, 79, 321-326.	0.5	1
34	Biofuel cell anode based on the Gluconobacter oxydans bacteria cells and 2,6-dichlorophenolindophenol as an electron transport mediator. Russian Journal of Electrochemistry, 2006, 42, 403-404.	0.3	14
35	Bioelectrocatalytic Oxidation of Glucose by Immobilized BacteriaGluconobacter oxydans. Evaluation of Water-Insoluble Mediator Efficiency. Electroanalysis, 2006, 18, 2023-2029.	1.5	22
36	Testing of Bacteria Gluconobacter oxydans and Electron Transport Mediators Composition for Application in Biofuel Cell. Electroanalysis, 2006, 18, 2030-2034.	1.5	19

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37	Halogenation of metalloporphyrins. Russian Journal of Bioorganic Chemistry, 2000, 26, 423-428.	0.3	7
38	A porphyrin chlorination reaction. Mendeleev Communications, 1998, 8, 187-188.	0.6	5