Alexander Galushko

List of Publications by Year
in descending order

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27	2,224	471509	610901
papers	citations	17 h-index	24 g-index

139	139	139	2387
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thermophilic aerobic organoheterotrophic soil bacteria from anthropogenically changed territories of Saint Petersburg and Leningrad region. Ecological Genetics, 2021, 19, 47-58.	0.5	0
2	Moderate thermophilic chemoorganoheterotrophic bacterium in surface layer of anthropogenic grounds of industrial estate area of Al-Mafraq, Jordan. Ecological Genetics, 2021, 19, 209-217.	0.5	0
3	Fundamentals of Physical Modeling of â€œIdealâ€•Agroecosystems. Technical Physics, 2020, 65, 1563-1569.	0.7	12
4	Synthesis and Research of Functional Layers Based on Titanium Dioxide Nanoparticles and Silica Sols Formed on the Surface of Seeds of Chinese Cabbage. Russian Journal of Applied Chemistry, 2020, 93, 25-34.	0.5	6
5	Sol-gel preparation of protective and decorative coatings on wood. Journal of Sol-Gel Science and Technology, 2019, 92, 474-483.	2.4	17
6	Fabrication of composite electrodes based on cobalt (II) hydroxide for microbiological fuel cells. Journal of Sol-Gel Science and Technology, 2019, 92, 506-514.	2.4	4
7	Recent Origin of the Methacrylate Redox System in Geobacter sulfurreducens AM-1 through Horizontal Gene Transfer. PLoS ONE, 2015, 10, e0125888.	2.5	5
8	Cyanate as an energy source for nitrifiers. Nature, 2015, 524, 105-108.	27.8	231
9	The Family Desulfomicrobiaceae. , 2014, , 97-102.		10
10	Growth of nitrite-oxidizing bacteria by aerobic hydrogen oxidation. Science, 2014, 345, 1052-1054.	12.6	166
11	Desulfoconvexum algidum gen. nov., sp. nov., a psychrophilic sulfate-reducing bacterium isolated from a permanently cold marine sediment. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 959-964.	1.7	36
12	Starting Up Microbial Enhanced Oil Recovery. Advances in Biochemical Engineering/Biotechnology, 2013, 142, 1-94.	1.1	24
13	Enrichment and Genome Sequence of the Group I.1a Ammonia-Oxidizing Archaeon â€œCa. Nitrosotenuis uzonensisâ€•Representing a Clade Globally Distributed in Thermal Habitats. PLoS ONE, 2013, 8, e80835.	2.5	84
14	Comparative analysis of the N-terminal sequence of Geobacter sulfurreducens AM-1 methacrylate reductase. Microbiology, 2012, 81, 555-564.	1.2	2
15	The genome of the ammoniaâ€•oxidizing <scp>C</scp>andidatus<scp>N</scp>itrososphaera gargensis: insights into metabolic versatility and environmental adaptations. Environmental Microbiology, 2012, 14, 3122-3145.	3.8	332
16	Desulfopila inferna sp. nov., a sulfate-reducing bacterium isolated from the subsurface of a tidal sand-flat. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 1626-1630.	1.7	29
17	Anaerobic degradation of naphthalene and 2â€•methylnaphthalene by strains of marine sulfateâ€•reducing bacteria. Environmental Microbiology, 2009, 11, 209-219.	3.8	177
18	Anaerobic degradation of hydrocarbons with sulphate as electron acceptor. , 2007, , 265-304.		35

#	Article	IF	Citations
19	Operation of the CO Dehydrogenase/Acetyl Coenzyme A Pathway in both Acetate Oxidation and Acetate Formation by the Syntrophically Acetate-Oxidizing Bacterium Thermacetogenium phaeum. Journal of Bacteriology, 2005, 187, 3471-3476.	2.2	121
20	Degradation of 2-Methylnaphthalene by a Sulfate-Reducing Enrichment Culture of Mesophilic Freshwater Bacteria. Polycyclic Aromatic Compounds, 2003, 23, 207-218.	2.6	5
21	Cysteine-mediated electron transfer in syntrophic acetate oxidation by cocultures of Geobacter sulfurreducens and Wolinella succinogenes. Archives of Microbiology, 2002, 178, 53-58.	2.2	100
22	Reclassification of Desulfobacterium phenolicum as Desulfobacula phenolica comb. nov. and description of strain SaxT as Desulfotignum balticum gen. nov., sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2001, 51, 171-177.	1.7	123
23	Initiation of Anaerobic Degradation of p -Cresol by Formation of 4-Hydroxybenzylsuccinate in Desulfobacterium cetonicum. Journal of Bacteriology, 2001, 183, 752-757.	2.2	78
24	Oxidation of acetate through reactions of the citric acid cycle by Geobacter sulfurreducens in pure culture and in syntrophic coculture. Archives of Microbiology, 2000, 174, 314-321.	2.2	126
25	Anaerobic degradation of naphthalene by a pure culture of a novel type of marine sulphateâ€reducing bacterium. Environmental Microbiology, 1999, 1, 415-420.	3.8	206
26	Anaerobic degradation of m -cresol by Desulfobacterium cetonicum is initiated by formation of 3-hydroxybenzylsuccinate. Archives of Microbiology, 1999, 172, 287-294.	2.2	73
27	Cytochrome c-dependent methacrylate reductase from Geobacter sulfurreducens AM-1. FEBS Journal, 1999, 263, 346-352.	0.2	35