

Alexander Galushko

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

2,224
citations

471509

17
h-index

610901

24
g-index

139
all docs

139
docs citations

139
times ranked

2387
citing authors

#	ARTICLE	IF	CITATIONS
1	The genome of the ammonia-oxidizing <i>Candidatus Nitrososphaera gargensis</i> : insights into metabolic versatility and environmental adaptations. <i>Environmental Microbiology</i> , 2012, 14, 3122-3145.	3.8	332
2	Cyanate as an energy source for nitrifiers. <i>Nature</i> , 2015, 524, 105-108.	27.8	231
3	Anaerobic degradation of naphthalene by a pure culture of a novel type of marine sulphate-reducing bacterium. <i>Environmental Microbiology</i> , 1999, 1, 415-420.	3.8	206
4	Anaerobic degradation of naphthalene and 2-methylnaphthalene by strains of marine sulfate-reducing bacteria. <i>Environmental Microbiology</i> , 2009, 11, 209-219.	3.8	177
5	Growth of nitrite-oxidizing bacteria by aerobic hydrogen oxidation. <i>Science</i> , 2014, 345, 1052-1054.	12.6	166
6	Oxidation of acetate through reactions of the citric acid cycle by <i>Geobacter sulfurreducens</i> in pure culture and in syntrophic coculture. <i>Archives of Microbiology</i> , 2000, 174, 314-321.	2.2	126
7	Reclassification of <i>Desulfobacterium phenolicum</i> as <i>Desulfobacula phenolica</i> comb. nov. and description of strain SaxT as <i>Desulfotignum balticum</i> gen. nov., sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2001, 51, 171-177.	1.7	123
8	Operation of the CO Dehydrogenase/Acetyl Coenzyme A Pathway in both Acetate Oxidation and Acetate Formation by the Syntrophically Acetate-Oxidizing Bacterium <i>Thermacetogenium phaeum</i> . <i>Journal of Bacteriology</i> , 2005, 187, 3471-3476.	2.2	121
9	Cysteine-mediated electron transfer in syntrophic acetate oxidation by cocultures of <i>Geobacter sulfurreducens</i> and <i>Wolinella succinogenes</i> . <i>Archives of Microbiology</i> , 2002, 178, 53-58.	2.2	100
10	Enrichment and Genome Sequence of the Group I.1a Ammonia-Oxidizing Archaeon <i>Nitrosotenuis uzonensis</i> Representing a Clade Globally Distributed in Thermal Habitats. <i>PLoS ONE</i> , 2013, 8, e80835.	2.5	84
11	Initiation of Anaerobic Degradation of <i>p</i> -Cresol by Formation of 4-Hydroxybenzylsuccinate in <i>Desulfobacterium cetonicum</i> . <i>Journal of Bacteriology</i> , 2001, 183, 752-757.	2.2	78
12	Anaerobic degradation of <i>m</i> -cresol by <i>Desulfobacterium cetonicum</i> is initiated by formation of 3-hydroxybenzylsuccinate. <i>Archives of Microbiology</i> , 1999, 172, 287-294.	2.2	73
13	<i>Desulfoconvexum algidum</i> gen. nov., sp. nov., a psychrophilic sulfate-reducing bacterium isolated from a permanently cold marine sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 959-964.	1.7	36
14	Cytochrome <i>c</i> -dependent methacrylate reductase from <i>Geobacter sulfurreducens</i> AM-1. <i>FEBS Journal</i> , 1999, 263, 346-352.	0.2	35
15	Anaerobic degradation of hydrocarbons with sulphate as electron acceptor. , 2007, , 265-304.		35
16	<i>Desulfopila inferna</i> sp. nov., a sulfate-reducing bacterium isolated from the subsurface of a tidal sand-flat. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 1626-1630.	1.7	29
17	Starting Up Microbial Enhanced Oil Recovery. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2013, 142, 1-94.	1.1	24
18	Sol-gel preparation of protective and decorative coatings on wood. <i>Journal of Sol-Gel Science and Technology</i> , 2019, 92, 474-483.	2.4	17

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19	Fundamentals of Physical Modeling of "Ideal" Agroecosystems. Technical Physics, 2020, 65, 1563-1569.	0.7	12
20	The Family Desulfomicrobiaceae. , 2014, , 97-102.		10
21	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
22	Degradation of 2-Methylnaphthalene by a Sulfate-Reducing Enrichment Culture of Mesophilic Freshwater Bacteria. Polycyclic Aromatic Compounds, 2003, 23, 207-218.	2.6	5
23	Recent Origin of the Methacrylate Redox System in Geobacter sulfurreducens AM-1 through Horizontal Gene Transfer. PLoS ONE, 2015, 10, e0125888.	2.5	5
24	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
25	Comparative analysis of the N-terminal sequence of Geobacter sulfurreducens AM-1 methacrylate reductase. Microbiology, 2012, 81, 555-564.	1.2	2
26	Thermophilic aerobic organoheterotrophic soil bacteria from anthropogenically changed territories of Saint Petersburg and Leningrad region. Ecological Genetics, 2021, 19, 47-58.	0.5	0
27	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