

# Alexander V Lebedinsky

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

1,583  
citations

279798

23  
h-index

414414

32  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1450  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stroke Thrombectomy in Patients with COVID-19: Initial Experience in 13 Cases. <i>American Journal of Neuroradiology</i> , 2020, 41, 2012-2016.	2.4	16
2	Dissimilatory sulfate reduction in the archaeon <i>Candidatus Vulcanisaeta moutnovskia</i> ™ sheds light on the evolution of sulfur metabolism. <i>Nature Microbiology</i> , 2020, 5, 1428-1438.	13.3	27
3	The first crenarchaeon capable of growth by anaerobic carbon monoxide oxidation coupled with H <sub>2</sub> production. <i>Systematic and Applied Microbiology</i> , 2020, 43, 126064.	2.8	7
4	Form III RubisCO-mediated transaldolase variant of the Calvin cycle in a chemolithoautotrophic bacterium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 18638-18646.	7.1	32
5	Genomic Insights Into Energy Metabolism of <i>Carboxydocella thermautotrophica</i> Coupling Hydrogenogenic CO Oxidation With the Reduction of Fe(III) Minerals. <i>Frontiers in Microbiology</i> , 2018, 9, 1759.	3.5	23
6	Genomic Analysis of <i>Caldithrix abyssi</i> , the Thermophilic Anaerobic Bacterium of the Novel Bacterial Phylum <i>Calditrichaeota</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 195.	3.5	66
7	<i>Thermodesulfobium acidiphilum</i> sp. nov., a thermoacidophilic, sulfate-reducing, chemoautotrophic bacterium from a thermal site. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 1482-1485.	1.7	37
8	Complete Genome Sequence of the Hyperthermophilic and Piezophilic Archaeon <i>Thermococcus barophilus</i> Ch5, Capable of Growth at the Expense of Hydrogenogenesis from Carbon Monoxide and Formate. <i>Genome Announcements</i> , 2016, 4, .	0.8	26
9	Reclassification of <i>Desulfurococcus mobilis</i> as a synonym of <i>Desulfurococcus mucosus</i> , <i>Desulfurococcus fermentans</i> and <i>Desulfurococcus kamchatkensis</i> as synonyms of <i>Desulfurococcus amylolyticus</i> , and emendation of the <i>D. mucosus</i> and <i>D. amylolyticus</i> species descriptions. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 514-517.	1.7	16
10	Analysis of three genomes within the thermophilic bacterial species <i>Caldanaerobacter subterraneus</i> with a focus on carbon monoxide dehydrogenase evolution and hydrolase diversity. <i>BMC Genomics</i> , 2015, 16, 757.	2.8	38
11	Microbial life in Bourlyashchy, the hottest thermal pool of Uzon Caldera, Kamchatka. <i>Extremophiles</i> , 2015, 19, 1157-1171.	2.3	29
12	The Family <i>Acidilobaceae</i> . , 2014, , 9-14.		4
13	Analysis of the complete genome of <i>Fervidococcus fontis</i> confirms the distinct phylogenetic position of the order <i>Fervidococcales</i> and suggests its environmental function. <i>Extremophiles</i> , 2014, 18, 295-309.	2.3	15
14	Genome analyses of the carboxydrotrophic sulfate-reducers <i>Desulfotomaculum nigrificans</i> and <i>Desulfotomaculum carboxydivorans</i> and reclassification of <i>Desulfotomaculum carboxydivorans</i> as a later synonym of <i>Desulfotomaculum nigrificans</i> . <i>Standards in Genomic Sciences</i> , 2014, 9, 655-675.	1.5	25
15	The Family <i>Fervidococcaceae</i> . , 2014, , 35-40.		0
16	Detection of Putatively Thermophilic Anaerobic Methanotrophs in Diffuse Hydrothermal Vent Fluids. <i>Applied and Environmental Microbiology</i> , 2013, 79, 915-923.	3.1	36
17	Evidence for Horizontal Gene Transfer of Anaerobic Carbon Monoxide Dehydrogenases. <i>Frontiers in Microbiology</i> , 2012, 3, 132.	3.5	82
18	<i>Carboxydotherrmus islandicus</i> sp. nov., a thermophilic, hydrogenogenic, carboxydrotrophic bacterium isolated from a hot spring. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 2532-2537.	1.7	20

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19	Anaerobic transformation of carbon monoxide by microbial communities of Kamchatka hot springs. <i>Extremophiles</i> , 2011, 15, 319-325.	2.3	39
20	Complete Genome Sequence of the Hyperthermophilic Archaeon <i>Thermococcus</i> sp. Strain AM4, Capable of Organotrophic Growth and Growth at the Expense of Hydrogenogenic or Sulfidogenic Oxidation of Carbon Monoxide. <i>Journal of Bacteriology</i> , 2011, 193, 7019-7020.	2.2	26
21	<i>Fervidicoccus fontis</i> gen. nov., sp. nov., an anaerobic, thermophilic crenarchaeote from terrestrial hot springs, and proposal of <i>Fervidicoccaceae</i> fam. nov. and <i>Fervidococcales</i> ord. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 2082-2088.	1.7	50
22	Formate-driven growth coupled with H <sub>2</sub> production. <i>Nature</i> , 2010, 467, 352-355.	27.8	202
23	Identification of a Novel Class of Membrane-Bound [NiFe]-Hydrogenases in <i>Thermococcus onnurineus</i> NA1 by <i>In Silico</i> Analysis. <i>Applied and Environmental Microbiology</i> , 2010, 76, 6286-6289.	3.1	45
24	Complete Genome Sequence of the Anaerobic, Protein-Degrading Hyperthermophilic Crenarchaeon <i>Desulfurococcus kamchatkensis</i> . <i>Journal of Bacteriology</i> , 2009, 191, 2371-2379.	2.2	36
25	<i>Caldimicrobium rimae</i> gen. nov., sp. nov., an extremely thermophilic, facultatively lithoautotrophic, anaerobic bacterium from the Uzon Caldera, Kamchatka. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 1040-1044.	1.7	50
26	Biodiversity of Thermophilic Prokaryotes with Hydrolytic Activities in Hot Springs of Uzon Caldera, Kamchatka (Russia). <i>Applied and Environmental Microbiology</i> , 2009, 75, 286-291.	3.1	101
27	Diversity and ecophysiological features of thermophilic carboxydophilic anaerobes. <i>FEMS Microbiology Ecology</i> , 2009, 68, 131-141.	2.7	106
28	Distribution of <i>Crenarchaeota</i> Representatives in Terrestrial Hot Springs of Russia and Iceland. <i>Applied and Environmental Microbiology</i> , 2008, 74, 7620-7628.	3.1	56
29	Phylogenetic systematics of microorganisms inhabiting thermal environments. <i>Biochemistry (Moscow)</i> , 2007, 72, 1299-1312.	1.5	32
30	Cultivated anaerobic acidophilic/acidotolerant thermophiles from terrestrial and deep-sea hydrothermal habitats. <i>Extremophiles</i> , 2005, 9, 437-448.	2.3	46
31	PCR-Based Identification of Hyperthermophilic Archaea of the Family <i>Thermococcaceae</i> . <i>Applied and Environmental Microbiology</i> , 2004, 70, 5701-5703.	3.1	8
32	The first evidence of anaerobic CO oxidation coupled with H <sub>2</sub> production by a hyperthermophilic archaeon isolated from a deep-sea hydrothermal vent. <i>Extremophiles</i> , 2004, 8, 317-323.	2.3	118
33	Oligonucleotide Probes for the Detection of Representatives of the Genus <i>Thermoanaerobacter</i> . <i>Microbiology</i> , 2003, 72, 331-339.	1.2	9
34	Radioisotopic, Culture-Based, and Oligonucleotide Microchip Analyses of Thermophilic Microbial Communities in a Continental High-Temperature Petroleum Reservoir. <i>Applied and Environmental Microbiology</i> , 2003, 69, 6143-6151.	3.1	160