Tatyana G Sokolova

List of Publications by Year
in descending order

20	1,158	516710 16	752698 20
papers	citations	h-index	g-index

23	23	23	978
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Formate-driven growth coupled with H2 production. Nature, 2010, 467, 352-355.	27.8	202
2	The first evidence of anaerobic CO oxidation coupled with H2 production by a hyperthermophilic archaeon isolated from a deep-sea hydrothermal vent. Extremophiles, 2004, 8, 317-323.	2.3	118
3	Thermincola ferriacetica sp. nov., a new anaerobic, thermophilic, facultatively chemolithoautotrophic bacterium capable of dissimilatory Fe(III) reduction. Extremophiles, 2007, 11, 1-7.	2.3	115
4	Thermosinus carboxydivorans gen. nov., sp. nov., a new anaerobic, thermophilic, carbon-monoxide-oxidizing, hydrogenogenic bacterium from a hot pool of Yellowstone National Park. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 2353-2359.	1.7	114
5	Diversity and ecophysiological features of thermophilic carboxydotrophic anaerobes. FEMS Microbiology Ecology, 2009, 68, 131-141.	2.7	106
6	Evidence for Horizontal Gene Transfer of Anaerobic Carbon Monoxide Dehydrogenases. Frontiers in Microbiology, 2012, 3, 132.	3.5	82
7	Thermincola carboxydiphila gen. nov., sp. nov., a novel anaerobic, carboxydotrophic, hydrogenogenic bacterium from a hot spring of the Lake Baikal area. International Journal of Systematic and Evolutionary Microbiology, 2005, 55, 2069-2073.	1.7	73
8	Carboxydocella sporoproducens sp. nov., a novel anaerobic CO-utilizing/H2-producing thermophilic bacterium from a Kamchatka hot spring. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 797-800.	1.7	70
9	Anaerobic transformation of carbon monoxide by microbial communities of Kamchatka hot springs. Extremophiles, 2011, 15, 319-325.	2.3	39
10	Carboxydothermus siderophilus sp. nov., a thermophilic, hydrogenogenic, carboxydotrophic, dissimilatory Fe(III)-reducing bacterium from a Kamchatka hot spring. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 213-217.	1.7	36
11	Evidence for extensive gene flow and Thermotoga subpopulations in subsurface and marine environments. ISME Journal, 2015, 9, 1532-1542.	9.8	36
12	Isolation and Characterization of the First Xylanolytic Hyperthermophilic Euryarchaeon Thermococcus sp. Strain 2319x1 and Its Unusual Multidomain Glycosidase. Frontiers in Microbiology, 2016, 7, 552.	3.5	27
13	Complete Genome Sequence of the Hyperthermophilic Archaeon Thermococcus sp. Strain AM4, Capable of Organotrophic Growth and Growth at the Expense of Hydrogenogenic or Sulfidogenic Oxidation of Carbon Monoxide. Journal of Bacteriology, 2011, 193, 7019-7020.	2.2	26
14	Complete Genome Sequence of the Hyperthermophilic and Piezophilic Archaeon Thermococcus barophilus Ch5, Capable of Growth at the Expense of Hydrogenogenesis from Carbon Monoxide and Formate. Genome Announcements, 2016, 4, .	0.8	26
15	Genomic Insights Into Energy Metabolism of Carboxydocella thermautotrophica Coupling Hydrogenogenic CO Oxidation With the Reduction of Fe(III) Minerals. Frontiers in Microbiology, 2018, 9, 1759.	3.5	23
16	Carboxydothermus islandicus sp. nov., a thermophilic, hydrogenogenic, carboxydotrophic bacterium isolated from a hot spring. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 2532-2537.	1.7	20
17	Thermosipho activus sp. nov., a thermophilic, anaerobic, hydrolytic bacterium isolated from a deep-sea sample. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 3307-3313.	1.7	17
18	Thermalkalibacillus uzonensis gen. nov. sp. nov, a novel aerobic alkali-tolerant thermophilic bacterium isolated from a hot spring in Uzon Caldera, Kamchatka. Extremophiles, 2006, 10, 337-345.	2.3	12

#	Article	IF	Citations
19	Characterization of a family B DNA polymerase from Thermococcus barophilus Ch5 and its application for long and accurate PCR. Enzyme and Microbial Technology, 2016, 86, 117-126.	3.2	9
20	The first crenarchaeon capable of growth by anaerobic carbon monoxide oxidation coupled with H2 production. Systematic and Applied Microbiology, 2020, 43, 126064.	2.8	7