

# Tatyana G Sokolova

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4253149/publications.pdf>

Version: 2024-02-01

20  
papers

1,158  
citations

516710

16  
h-index

752698

20  
g-index

23  
all docs

23  
docs citations

23  
times ranked

978  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Isolation and Characterization of the First Xylanolytic Hyperthermophilic Euryarchaeon <i>Thermococcus</i> sp. Strain 2319x1 and Its Unusual Multidomain Glycosidase. <i>Frontiers in Microbiology</i> , 2016, 7, 552.	3.5	27
4	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
5	Characterization of a family B DNA polymerase from <i>Thermococcus barophilus</i> Ch5 and its application for long and accurate PCR. <i>Enzyme and Microbial Technology</i> , 2016, 86, 117-126.	3.2	9
6	Evidence for extensive gene flow and <i>Thermotoga</i> subpopulations in subsurface and marine environments. <i>ISME Journal</i> , 2015, 9, 1532-1542.	9.8	36
7	<i>Thermosiphon activus</i> sp. nov., a thermophilic, anaerobic, hydrolytic bacterium isolated from a deep-sea sample. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 3307-3313.	1.7	17
8	Evidence for Horizontal Gene Transfer of Anaerobic Carbon Monoxide Dehydrogenases. <i>Frontiers in Microbiology</i> , 2012, 3, 132.	3.5	82
9	<i>Carboxydothemus islandicus</i> sp. nov., a thermophilic, hydrogenogenic, carboxydophilic bacterium isolated from a hot spring. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 2532-2537.	1.7	20
10	Anaerobic transformation of carbon monoxide by microbial communities of Kamchatka hot springs. <i>Extremophiles</i> , 2011, 15, 319-325.	2.3	39
11	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
12	Formate-driven growth coupled with H <sub>2</sub> production. <i>Nature</i> , 2010, 467, 352-355.	27.8	202
13	<i>Carboxydothemus siderophilus</i> sp. nov., a thermophilic, hydrogenogenic, carboxydophilic, dissimilatory Fe(III)-reducing bacterium from a Kamchatka hot spring. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 213-217.	1.7	36
14	Diversity and ecophysiological features of thermophilic carboxydophilic anaerobes. <i>FEMS Microbiology Ecology</i> , 2009, 68, 131-141.	2.7	106
15	<i>Thermincola ferriacetica</i> sp. nov., a new anaerobic, thermophilic, facultatively chemolithoautotrophic bacterium capable of dissimilatory Fe(III) reduction. <i>Extremophiles</i> , 2007, 11, 1-7.	2.3	115
16	<i>Thermalkalibacillus uzonensis</i> gen. nov. sp. nov, a novel aerobic alkali-tolerant thermophilic bacterium isolated from a hot spring in Uzon Caldera, Kamchatka. <i>Extremophiles</i> , 2006, 10, 337-345.	2.3	12
17	<i>Carboxydocella sporoproducens</i> sp. nov., a novel anaerobic CO-utilizing/H <sub>2</sub> -producing thermophilic bacterium from a Kamchatka hot spring. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 797-800.	1.7	70
18	<i>Thermincola carboxydiphila</i> gen. nov., sp. nov., a novel anaerobic, carboxydophilic, hydrogenogenic bacterium from a hot spring of the Lake Baikal area. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005, 55, 2069-2073.	1.7	73

#	ARTICLE	IF	CITATIONS
19	<i>Thermosinus carboxydvorans</i> gen. nov., sp. nov., a new anaerobic, thermophilic, carbon-monoxide-oxidizing, hydrogenogenic bacterium from a hot pool of Yellowstone National Park. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004, 54, 2353-2359.	1.7	114
20	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