

Alexey Vorobev

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

529
citations

933264

10
h-index

1281743

11
g-index

12
all docs

12
docs citations

12
times ranked

783
citing authors

#	ARTICLE	IF	CITATIONS
1	Methanobactin and <i>MmoD</i> work in concert to act as the "copper-switch"™ in methanotrophs. <i>Environmental Microbiology</i> , 2013, 15, 3077-3086.	1.8	108
2	Novel methylotrophic isolates from lake sediment, description of <i>Methylotenera versatilis</i> sp. nov. and emended description of the genus <i>Methylotenera</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 106-111.	0.8	89
3	The Expanded Diversity of Methylophilaceae from Lake Washington through Cultivation and Genomic Sequencing of Novel Ecotypes. <i>PLoS ONE</i> , 2014, 9, e102458.	1.1	62
4	Genomic and Transcriptomic Analyses of the Facultative Methanotroph <i>Methylocystis</i> sp. Strain SB2 Grown on Methane or Ethanol. <i>Applied and Environmental Microbiology</i> , 2014, 80, 3044-3052.	1.4	62
5	Identifying labile DOM components in a coastal ocean through depleted bacterial transcripts and chemical signals. <i>Environmental Microbiology</i> , 2018, 20, 3012-3030.	1.8	56
6	Detoxification of Mercury by Methanobactin from <i>Methylosinus trichosporium</i> OB3b. <i>Applied and Environmental Microbiology</i> , 2013, 79, 5918-5926.	1.4	45
7	Multiphyletic origins of methylotrophy in <i>Alphaproteobacteria</i> , exemplified by comparative genomics of <i>Lake Washington</i> isolates. <i>Environmental Microbiology</i> , 2015, 17, 547-554.	1.8	38
8	Methanobactin from <i>Methylocystis</i> sp. Strain SB2 Affects Gene Expression and Methane Monooxygenase Activity in <i>Methylosinus trichosporium</i> OB3b. <i>Applied and Environmental Microbiology</i> , 2015, 81, 2466-2473.	1.4	25
9	An Integrated Proteomics/Transcriptomics Approach Points to Oxygen as the Main Electron Sink for Methanol Metabolism in <i>Methylotenera mobilis</i> . <i>Journal of Bacteriology</i> , 2011, 193, 4758-4765.	1.0	22
10	Comparative transcriptomics in three <i>Methylophilaceae</i> species uncover different strategies for environmental adaptation. <i>PeerJ</i> , 2013, 1, e115.	0.9	20
11	Transcriptional activity differentiates families of Marine Group II <i>Euryarchaeota</i> in the coastal ocean. <i>ISME Communications</i> , 2021, 1, .	1.7	2