

Viktoria Shcherbakova

List of Publications by Year in descending order

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33
papers

1,071
citations

643344

15
h-index

488211

31
g-index

34
all docs

34
docs citations

34
times ranked

1337
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Diplocloster agilis</i> gen. nov., sp. nov. and <i>Diplocloster modestus</i> sp. nov., two novel anaerobic fermentative members of Lachnospiraceae isolated from human faeces. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	0.8	10
2	Draft Genome Sequence of a Methanogenic Archaeon from West Spitsbergen Permafrost. <i>Microbiology Resource Announcements</i> , 2022, , e0093821.	0.3	1
3	<i>Desulfosporosinus metallidurans</i> sp. nov., an acidophilic, metal-resistant sulfate-reducing bacterium from acid mine drainage. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	0.8	18
4	<i>Trichococcus shcherbakoviae</i> subsp. <i>psychrophilus</i> subsp. nov., a psychrotolerant facultative anaerobe isolated from a cold spring. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	0.8	8
5	<i>Lacticaseibacillus paracasei</i> : Occurrence in the Human Gut Microbiota and K-Mer-Based Assessment of Intraspecies Diversity. <i>Life</i> , 2021, 11, 1246.	1.1	3
6	Characterization of <i>Methanosarcina mazei</i> JL01 Isolated from Holocene Arctic Permafrost and Study of the Archaeon Cooperation with Bacterium <i>Sphaerochaeta associata</i> GLS2T. <i>Proceedings (mdpi)</i> , 2020, 66, .	0.2	2
7	Description of <i>Oceanispirochaeta crateris</i> sp. nov. and reclassification of <i>Spirochaeta perfilievii</i> as <i>Thiospirochaeta perfilievii</i> gen. nov., comb. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 6373-6380.	0.8	14
8	<i>Desulfovibrio gilichinskyi</i> sp. nov., a cold-adapted sulfate-reducing bacterium from a Yamal Peninsula cryopeg. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 1081-1086.	0.8	12
9	Developing a technique to enhance durability of fibrous ion-exchange resin substrate for space greenhouses. <i>Life Sciences in Space Research</i> , 2018, 16, 1-7.	1.2	1
10	Biotechnological perspectives of microorganisms isolated from the Polar Regions. <i>Microbiology Australia</i> , 2018, 39, 137.	0.1	3
11	<i>Alkaliphilus namsaraevii</i> sp. nov., an alkaliphilic iron- and sulfur-reducing bacterium isolated from a steppe soda lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 1990-1995.	0.8	16
12	<i>Anoxynatronum buryatiense</i> sp. nov., an anaerobic alkaliphilic bacterium from a low mineralization soda lake in Buryatia, Russia. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 4704-4709.	0.8	18
13	Draft Genome Sequence of Antarctic Methanogen Enriched from Dry Valley Permafrost. <i>Genome Announcements</i> , 2016, 4, .	0.8	2
14	Archaeal communities of Arctic methane-containing permafrost. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw135.	1.3	42
15	<i>Ruthenibacterium lactatiformans</i> gen. nov., sp. nov., an anaerobic, lactate-producing member of the family Ruminococcaceae isolated from human faeces. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 3041-3049.	0.8	36
16	The Effects of Perchlorates on the Permafrost Methanogens: Implication for Autotrophic Life on Mars. <i>Microorganisms</i> , 2015, 3, 518-534.	1.6	17
17	Anaerobic bacteria involved in the degradation of aromatic sulfonates to methane. <i>Applied Biochemistry and Microbiology</i> , 2015, 51, 209-214.	0.3	6
18	<i>Desulfonatronum zhilinae</i> sp. nov., a novel haloalkaliphilic sulfate-reducing bacterium from soda Lake Alginskoe, Trans-Baikal Region, Russia. <i>Extremophiles</i> , 2015, 19, 673-680.	0.9	17

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19	<i>Sphaerochaeta associata</i> sp. nov., a spherical spirochaete isolated from cultures of <i>Methanosarcina mazei</i> JL01. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 4315-4322.	0.8	29
20	New sulfate-reducing bacteria isolated from Buryatian alkaline brackish lakes: description of <i>Desulfonatronum buryatense</i> sp. nov. <i>Extremophiles</i> , 2013, 17, 851-859.	0.9	25
21	<i>Celerinatantimonas yamalensis</i> sp. nov., a cold-adapted diazotrophic bacterium from a cold permafrost brine. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 4421-4427.	0.8	15
22	Structure of the O-Specific Polysaccharide from the Lipopolysaccharide of <i>Psychrobacter cryohalolentis</i> K5 ^T Containing a 2,3,4-Triacetamido-2,3,4-trideoxy- α -arabinose Moiety. <i>Journal of Natural Products</i> , 2012, 75, 2236-2240.	1.5	16
23	Structure of an acidic polysaccharide isolated from <i>Psychrobacter maritimus</i> 3pS containing a bacillosamine derivative. <i>Carbohydrate Research</i> , 2012, 359, 7-10.	1.1	9
24	<i>Desulfovibrio arcticus</i> sp. nov., a psychrotolerant sulfate-reducing bacterium from a cryopeg. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 33-37.	0.8	32
25	Prolonged cultivation of an anaerobic bacterial community producing hydrogen. <i>Applied Biochemistry and Microbiology</i> , 2012, 48, 194-199.	0.3	1
26	Structure of the O-polysaccharide chain of the lipopolysaccharide of <i>Psychrobacter muricolla</i> 2pST isolated from overcooled water brines within permafrost. <i>Carbohydrate Research</i> , 2012, 349, 78-81.	1.1	13
27	<i>Methanobacterium arcticum</i> sp. nov., a methanogenic archaeon from Holocene Arctic permafrost. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 144-147.	0.8	61
28	Biogeochemistry of methane and methanogenic archaea in permafrost. <i>FEMS Microbiology Ecology</i> , 2007, 61, 1-15.	1.3	118
29	Biodiversity of cryopegs in permafrost. <i>FEMS Microbiology Ecology</i> , 2005, 53, 117-128.	1.3	186
30	Novel psychrophilic anaerobic spore-forming bacterium from the overcooled water brine in permafrost: description <i>Clostridium algorithilum</i> sp. nov.. <i>Extremophiles</i> , 2005, 9, 239-246.	0.9	53
31	Physiological characteristics of bacteria isolated from water brines within permafrost. <i>International Journal of Astrobiology</i> , 2004, 3, 37-43.	0.9	18
32	Microbial life in permafrost. <i>Advances in Space Research</i> , 2004, 33, 1215-1221.	1.2	123
33	Supercooled Water Brines Within Permafrost – An Unknown Ecological Niche for Microorganisms: A Model for Astrobiology. <i>Astrobiology</i> , 2003, 3, 331-341.	1.5	142