

Irina S Kulichevskaya

List of Publications by Year in descending order

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47
papers

2,266
citations

201674

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233421

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all docs

52
docs citations

52
times ranked

1942
citing authors

#	ARTICLE	IF	CITATIONS
1	Wide distribution of <i>Phycisphaera</i> -like planctomycetes from WD2101 soil group in peatlands and genome analysis of the first cultivated representative. <i>Environmental Microbiology</i> , 2021, 23, 1510-1526.	3.8	32
2	Complete Genome Sequence of <i>Paludibaculum fermentans</i> P105 ^T , a Facultatively Anaerobic Acidobacterium Capable of Dissimilatory Fe(III) Reduction. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	2
3	Complete genome sequence of the cellulolytic planctomycete <i>Telmatocola sphagniphila</i> SP2T and characterization of the first cellulolytic enzyme from planctomycetes. <i>Systematic and Applied Microbiology</i> , 2021, 44, 126276.	2.8	6
4	Peat-Inhabiting Verrucomicrobia of the Order Methylacidiphilales Do Not Possess Methanotrophic Capabilities. <i>Microorganisms</i> , 2021, 9, 2566.	3.6	9
5	100-year-old enigma solved: identification, genomic characterization and biogeography of the yet uncultured <i>Planctomyces bekefii</i> . <i>Environmental Microbiology</i> , 2020, 22, 198-211.	3.8	25
6	<i>Lacipirellula parvula</i> gen. nov., sp. nov., representing a lineage of planctomycetes widespread in low-oxygen habitats, description of the family <i>Lacipirellulaceae</i> fam. nov. and proposal of the orders <i>Pirellulales</i> ord. nov., <i>Gemmatales</i> ord. nov. and <i>Isosphaerales</i> ord. nov.. <i>Systematic and Applied Microbiology</i> , 2020, 43, 126050.	2.8	134
7	<i>Frigoriglobus tundricola</i> gen. nov., sp. nov., a psychrotolerant cellulolytic planctomycete of the family <i>Gemmataceae</i> from a littoral tundra wetland. <i>Systematic and Applied Microbiology</i> , 2020, 43, 126129.	2.8	36
8	<i>Limnoglobus roseus</i> gen. nov., sp. nov., a novel freshwater planctomycete with a giant genome from the family <i>Gemmataceae</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 1240-1249.	1.7	30
9	<i>Granulicella sibirica</i> sp. nov., a psychrotolerant acidobacterium isolated from an organic soil layer in forested tundra, West Siberia. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 1195-1201.	1.7	13
10	Genome Analysis of <i>Fimbriglobus ruber</i> SP5 ^T , a Planctomycete with Confirmed Chitinolytic Capability. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	59
11	Distinct diversity patterns of Planctomycetes associated with the freshwater macrophyte <i>Nuphar lutea</i> (L.) Smith. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 811-823.	1.7	19
12	Microbial communities within the water column of freshwater Lake Radok, East Antarctica: predominant 16S rDNA phylotypes and bacterial cultures. <i>Polar Biology</i> , 2017, 40, 823-836.	1.2	14
13	<i>Fimbriglobus ruber</i> gen. nov., sp. nov., a Gemmata-like planctomycete from Sphagnum peat bog and the proposal of <i>Gemmataceae</i> fam. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 218-224.	1.7	56
14	Defining the taxonomic status of described subdivision 3 Acidobacteria: proposal of <i>Bryobacteraceae</i> fam. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 498-501.	1.7	59
15	<i>Tundrisphaera lichenicola</i> gen. nov., sp. nov., a psychrotolerant representative of the family <i>Isosphaeraceae</i> from lichen-dominated tundra soils. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 3583-3589.	1.7	30
16	High Diversity of Planctomycetes in Soils of Two Lichen-Dominated Sub-Arctic Ecosystems of Northwestern Siberia. <i>Frontiers in Microbiology</i> , 2016, 7, 2065.	3.5	73
17	<i>Paludisphaera borealis</i> gen. nov., sp. nov., a hydrolytic planctomycete from northern wetlands, and proposal of <i>Isosphaeraceae</i> fam. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 837-844.	1.7	53
18	Decline of activity and shifts in the methanotrophic community structure of an ombrotrophic peat bog after wildfire. <i>Microbiology</i> , 2015, 84, 624-629.	1.2	12

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19	<i>Planctomicrobium piriforme</i> gen. nov., sp. nov., a stalked planctomycete from a littoral wetland of a boreal lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 1659-1665.	1.7	38
20	Shifts in a bacterial community composition of a mesotrophic peatland after wildfire. <i>Microbiology</i> , 2014, 83, 813-819.	1.2	9
21	Descriptions of <i>Roseiarcus fermentans</i> gen. nov., sp. nov., a bacteriochlorophyll a-containing fermentative bacterium related phylogenetically to alphaproteobacterial methanotrophs, and of the family <i>Roseiarcaceae</i> fam. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 2558-2565.	1.7	50
22	Natural post-fire bog recovery. <i>Water Resources</i> , 2014, 41, 353-363.	0.9	4
23	<i>Paludibaculum fermentans</i> gen. nov., sp. nov., a facultative anaerobe capable of dissimilatory iron reduction from subdivision 3 of the <i>Acidobacteria</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 2857-2864.	1.7	72
24	<i>Methylocystis bryophila</i> sp. nov., a facultatively methanotrophic bacterium from acidic Sphagnum peat, and emended description of the genus <i>Methylocystis</i> (ex Whittenbury et al. 1970) Bowman et al. 1993. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 1096-1104.	1.7	74
25	<i>Methylomonas paludis</i> sp. nov., the first acid-tolerant member of the genus <i>Methylomonas</i> , from an acidic wetland. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 2282-2289.	1.7	63
26	Novel Mono-, Di-, and Trimethylornithine Membrane Lipids in Northern Wetland Planctomycetes. <i>Applied and Environmental Microbiology</i> , 2013, 79, 6874-6884.	3.1	44
27	Acidophilic Planctomycetes: Expanding the Horizons of New Planctomycete Diversity., 2013, , 125-139.		9
28	<i>Telmatocola sphagniphila</i> gen. nov., sp. nov., a Novel Dendriform Planctomycete from Northern Wetlands. <i>Frontiers in Microbiology</i> , 2012, 3, 146.	3.5	64
29	<i>Bryocella elongata</i> gen. nov., sp. nov., a member of subdivision 1 of the <i>Acidobacteria</i> isolated from a methanotrophic enrichment culture, and emended description of <i>Edaphobacter aggregans</i> Koch et al. 2008. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 654-664.	1.7	72
30	<i>Acidicapsa borealis</i> gen. nov., sp. nov. and <i>Acidicapsa ligni</i> sp. nov., subdivision 1 <i>Acidobacteria</i> from Sphagnum peat and decaying wood. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 1512-1520.	1.7	66
31	A novel filamentous planctomycete of the <i>Isosphaera</i> - <i>Singulisphaera</i> group isolated from a Sphagnum peat bog. <i>Microbiology</i> , 2012, 81, 446-452.	1.2	11
32	<i>Singulisphaera rosea</i> sp. nov., a planctomycete from acidic Sphagnum peat, and emended description of the genus <i>Singulisphaera</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 118-123.	1.7	42
33	Anaerobic ammonium oxidation (Anammox) in immobilized activated sludge biofilms during the treatment of weak wastewater. <i>Microbiology</i> , 2012, 81, 25-34.	1.2	15
34	Molecular identification of filterable bacteria and archaea in the water of acidic lakes of northern Russia. <i>Microbiology</i> , 2012, 81, 281-287.	1.2	10
35	Phylogenetic composition of bacterial communities in small boreal lakes and ombrotrophic bogs of the upper Volga basin. <i>Microbiology</i> , 2011, 80, 549-557.	1.2	8
36	<i>Bryobacter aggregatus</i> gen. nov., sp. nov., a peat-inhabiting, aerobic chemo-organotroph from subdivision 3 of the <i>Acidobacteria</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 301-306.	1.7	131

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37	Zavarzinella formosa gen. nov., sp. nov., a novel stalked, Gemmata-like planctomycete from a Siberian peat bog. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 357-364.	1.7	80
38	Larkinella arboricola sp. nov., a new spiral-shaped bacterium of the phylum Bacteroidetes isolated from the microbial community of decomposing wood. Microbiology, 2009, 78, 741-746.	1.2	16
39	Substrate-induced growth and isolation of <i>Acidobacteria</i> from acidic <i>Sphagnum</i> peat. ISME Journal, 2008, 2, 551-560.	9.8	111
40	Singulisphaera acidiphila gen. nov., sp. nov., a non-filamentous, Isosphaera-like planctomycete from acidic northern wetlands. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 1186-1193.	1.7	110
41	Schlesneria paludicola gen. nov., sp. nov., the first acidophilic member of the order Planctomycetales, from Sphagnum-dominated boreal wetlands. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 2680-2687.	1.7	93
42	Analysis of the bacterial community developing in the course of Sphagnum moss decomposition. Microbiology, 2007, 76, 621-629.	1.2	39
43	Phylogenetic Analysis and In Situ Identification of Bacteria Community Composition in an Acidic Sphagnum Peat Bog. Applied and Environmental Microbiology, 2006, 72, 2110-2117.	3.1	262
44	Detection of representatives of the Planctomycetes in Sphagnum peat bogs by molecular and cultivation approaches. Microbiology, 2006, 75, 329-335.	1.2	28
45	Isolation of aerobic, gliding, xylanolytic and laminarinolytic bacteria from acidic Sphagnum peatlands and emended description of Chitinophaga arvensicola Kämpfer et al. 2006. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 2761-2764.	1.7	36
46	Rhodoblastus sphagnicola sp. nov., a novel acidophilic purple non-sulfur bacterium from Sphagnum peat bog. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 1397-1402.	1.7	43
47	Effect of Butyric Acid on the Physiological Activity of Hydrocarbon-Oxidizing Rhodococci. Microbiology, 2001, 70, 263-269.	1.2	2