

Denis S Grouzdev

List of Publications by Year in descending order

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75
papers

1,092
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430874

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88
docs citations

88
times ranked

709
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#	ARTICLE	IF	CITATIONS
1	A general approach to explore prokaryotic protein glycosylation reveals the unique surface layer modulation of an anammox bacterium. <i>ISME Journal</i> , 2022, 16, 346-357.	9.8	8
2	Physiological and Genomic Characterization of <i>Actinotalea subterranea</i> sp. nov. from Oil-Degrading Methanogenic Enrichment and Reclassification of the Family Actinotaleaceae. <i>Microorganisms</i> , 2022, 10, 378.	3.6	6
3	Magnetotactic Bacteria and Magnetosomes: Basic Properties and Applications. <i>Magnetochemistry</i> , 2021, 7, 86.	2.4	27
4	Structure elucidation and gene cluster annotation of the O-antigen of <i>Pseudomonas veronii</i> SHC-8-1 containing 2-acetamido-2,4,6-trideoxy-4-(3,5-dihydroxyhexanoylamino)-d-glucose. <i>Carbohydrate Research</i> , 2021, 504, 108306.	2.3	0
5	â€ˆCandidatus <i>Chloroploca mongolica</i> â€™™ sp. nov. a new mesophilic filamentous anoxygenic phototrophic bacterium. <i>FEMS Microbiology Letters</i> , 2021, 368, .	1.8	2
6	Magnetic Properties of Bacterial Magnetosomes Produced by <i>Magnetospirillum caucaseum</i> SO-1. <i>Microorganisms</i> , 2021, 9, 1854.	3.6	7
7	Sulfidogenic Microbial Communities of the Uzen High-Temperature Oil Field in Kazakhstan. <i>Microorganisms</i> , 2021, 9, 1818.	3.6	13
8	<i>Xanthobacter oligotrophicus</i> sp.nov., isolated from paper mill sewage. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	1.7	5
9	<i>Alkalicaulis satelles</i> gen. nov., sp. nov., a novel haloalkaliphile isolated from a laboratory culture cyanobacterium <i>Geitlerinema</i> species and proposals of <i>Maricaulaceae</i> fam. nov., <i>Robiginitomaculaceae</i> fam. nov., <i>Maricaulales</i> ord. nov. and <i>Hyphomonadales</i> ord. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	1.7	37
10	<i>Methylocystis silviterrae</i> sp.nov., a high-affinity methanotrophic bacterium isolated from the boreal forest soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	1.7	10
11	<i>Lichenibacterium ramalinae</i> gen. nov, sp. nov., <i>Lichenibacterium minor</i> sp. nov., the first endophytic, beta-carotene producing bacterial representatives from lichen thalli and the proposal of the new family <i>Lichenibacteriaceae</i> within the order <i>Rhizobiales</i> . <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 477-489.	1.7	30
12	â€ˆCandidatus <i>Oscillochloris kuznetsovii</i> â€™™ a novel mesophilic filamentous anoxygenic phototrophic Chloroflexales bacterium from Arctic coastal environments. <i>FEMS Microbiology Letters</i> , 2020, 367, .	1.8	8
13	Microbial Diversity and Potential Sulfide Producers in the Karazhanbas Oilfield (Kazakhstan). <i>Microbiology</i> , 2020, 89, 459-469.	1.2	7
14	Unravelling the diversity of magnetotactic bacteria through analysis of open genomic databases. <i>Scientific Data</i> , 2020, 7, 252.	5.3	32
15	<i>Soehngenia longivita</i> sp. nov., a Fermenting Bacterium Isolated from a Petroleum Reservoir in Azerbaijan, and Emended Description of the Genus <i>Soehngenia</i> . <i>Microorganisms</i> , 2020, 8, 1967.	3.6	14
16	Structure and gene cluster of the O-polysaccharide from <i>Pseudomonas veronii</i> A-6-5 and its uranium bonding. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 2197-2204.	7.5	12
17	Biodiversity of Magnetotactic Bacteria in the Freshwater Lake Beloe Bordukovskoe, Russia. <i>Microbiology</i> , 2020, 89, 348-358.	1.2	15
18	Biodiversity of Microorganisms Colonizing the Surface of Polystyrene Samples Exposed to Different Aqueous Environments. <i>Sustainability</i> , 2020, 12, 3624.	3.2	22

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19	Ultramicrobacteria from Nitrate- and Radionuclide-Contaminated Groundwater. Sustainability, 2020, 12, 1239.	3.2	9
20	Cryo-Electron Tomography Reveals the Complex Ultrastructural Organization of Multicellular Filamentous Chloroflexota (Chloroflexi) Bacteria. Frontiers in Microbiology, 2020, 11, 1373.	3.5	16
21	The Potential Application of Microorganisms for Sustainable Petroleum Recovery from Heavy Oil Reservoirs. Sustainability, 2020, 12, 15.	3.2	25
22	Repeated horizontal gene transfers triggered parallel evolution of magnetotaxis in two evolutionary divergent lineages of magnetotactic bacteria. ISME Journal, 2020, 14, 1783-1794.	9.8	25
23	Natronospirillum operosum gen. nov., sp. nov., a haloalkaliphilic satellite isolated from decaying biomass of a laboratory culture of cyanobacterium Geitlerinema sp. and proposal of Natronospirillaceae fam. nov., Saccharospirillaceae fam. nov. and Gynuellaceae fam. nov.. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 511-521.	1.7	19
24	Lichenicoccus roseus gen. nov., sp. nov., the first bacteriochlorophyll a-containing, psychrophilic and acidophilic Acetobacteraceae bacteriobiont of lichen Cladonia species. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 4591-4601.	1.7	16
25	Sphaerochaeta halotolerans sp. nov., a novel spherical halotolerant spirochete from a Russian heavy oil reservoir, emended description of the genus Sphaerochaeta, reclassification of Sphaerochaeta coccoides to a new genus Parasphaerochaeta gen. nov. as Parasphaerochaeta coccoides comb. nov. and proposal of Sphaerochaetaceae fam. nov.. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 4748-4759.	1.7	30
26	Pan-Genome-Based Analysis as a Framework for Demarcating Two Closely Related Methanotroph Genera Methylocystis and Methylosinus. Microorganisms, 2020, 8, 768.	3.6	15
27	Serinibacter arcticus sp. nov., isolated from a thawing ancient ice wedge. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 929-934.	1.7	4
28	Hansschlegelia quercus sp. nov., a novel methylotrophic bacterium isolated from oak buds. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 4646-4652.	1.7	10
29	Draft Genome Sequence of Halomonas titanicae Strain TAT1, a Hydrocarbon-Oxidizing Halophilic Bacterium Isolated from a Petroleum Reservoir in Russia. Microbiology Resource Announcements, 2020, 9, .	0.6	3
30	Genome Sequences of Green- and Brown-Colored Strains of Chlorobium phaeovibrioides with Gas Vesicles. Microbiology Resource Announcements, 2019, 8, .	0.6	10
31	Prosthecochloris marina sp. nov., a new green sulfur bacterium from the coastal zone of the South China Sea. Archives of Microbiology, 2019, 201, 1399-1404.	2.2	15
32	Draft genome sequence data and analysis of Shinella sp. strain JR1-6 isolated from nitrate- and radionuclide-contaminated groundwater in Russia. Data in Brief, 2019, 25, 104319.	1.0	6
33	Bacteria of the Genus Shewanella from Radionuclide-Contaminated Groundwater. Microbiology, 2019, 88, 613-623.	1.2	8
34	Draft Genome Sequence of a Fermenting Bacterium, Soehngenia sp. Strain 1933P, Isolated from a Petroleum Reservoir in Azerbaijan. Microbiology Resource Announcements, 2019, 8, .	0.6	4
35	Draft Genome Sequence of Geotoga petraea Strain HO-Geo1, Isolated from a Petroleum Reservoir in Russia. Microbiology Resource Announcements, 2019, 8, .	0.6	2
36	Bacterial Communities of Microbial Mats of the White Sea Supralittoral and of the Littoral of the Lakes Separated from the Sea. Microbiology, 2019, 88, 600-612.	1.2	5

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37	<i>Candidatus</i> <i>Oscillochloris fontis</i> TM : a novel mesophilic phototrophic Chloroflexota bacterium belonging to the ubiquitous <i>Oscillochloris</i> genus. FEMS Microbiology Letters, 2019, 366, .	1.8	16
38	Bacterial communities of the microbial mats of Chokrak sulfide springs. Archives of Microbiology, 2019, 201, 795-805.	2.2	4
39	Genome Sequence of <i>Candidatus</i> <i>Viridilinea halotolerans</i> -Chok-6, Isolated from a Saline Sulfide-Rich Spring. Microbiology Resource Announcements, 2019, 8, .	0.6	13
40	<i>Candidatus</i> <i>Viridilinea mediisalina</i> TM , a novel phototrophic Chloroflexi bacterium from a Siberian soda lake. FEMS Microbiology Letters, 2019, 366, .	1.8	17
41	Genome Sequences of Novel <i>Azospirillum</i> sp. Strains B21 and Sh1, Isolated from Raised Sphagnum Bogs, and Type Strains <i>Azospirillum lipoferum</i> 59b and <i>Azospirillum oryzae</i> COC8. Microbiology Resource Announcements, 2019, 8, .	0.6	0
42	Physiology and Genomic Characteristics of <i>Geotoga petraea</i> , a Bacterium Isolated from a Low-Temperature Petroleum Reservoir (Russia). Microbiology, 2019, 88, 662-670.	1.2	12
43	The patterns of nitrogen fixation in haloalkaliphilic phototrophic communities of Kulunda Steppe soda lakes (Altai, Russia). FEMS Microbiology Ecology, 2019, 95, .	2.7	17
44	Genome-Based Metabolic Reconstruction of a Novel Uncultivated Freshwater Magnetotactic coccus <i>Candidatus</i> <i>Magnetaquicoccus inordinatus</i> -UR-1, and Proposal of a Candidate Family <i>Candidatus</i> <i>Magnetaquicocaceae</i> . Frontiers in Microbiology, 2019, 10, 2290.	3.5	33
45	<i>Magnetospirillum kuznetsovii</i> sp. nov., a novel magnetotactic bacterium isolated from a lake in the Moscow region. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 1953-1959.	1.7	17
46	<i>Geobacillus proteiniphilus</i> sp. nov., a thermophilic bacterium isolated from a high-temperature heavy oil reservoir in China. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 3001-3008.	1.7	14
47	<i>Azospirillum palustre</i> sp. nov., a methylotrophic nitrogen-fixing species isolated from raised bog. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 2787-2793.	1.7	25
48	Benthic phototrophic community from Kiran soda lake, south-eastern Siberia. Extremophiles, 2018, 22, 211-220.	2.3	9
49	Draft Genome Sequence of a Fermenting Bacterium, <i>Candidatus</i> <i>Sphaerochaeta halotolerans</i> ⁴⁻¹¹ , from a Low-Temperature Petroleum Reservoir in Russia. Microbiology Resource Announcements, 2018, 7, .	0.6	2
50	Draft Genome Sequence of a Sulfate-Reducing Bacterium, <i>Candidatus</i> <i>Desulfofundulus salinum</i> ^{435 T} , Isolated from a High-Temperature Gas Field in Russia. Microbiology Resource Announcements, 2018, 7, .	0.6	2
51	Draft genome sequences of <i>Candidatus</i> <i>Chloroploca asiatica</i> TM and <i>Candidatus</i> <i>Viridilinea mediisalina</i> TM , candidate representatives of the Chloroflexales order: phylogenetic and taxonomic implications. Standards in Genomic Sciences, 2018, 13, 24.	1.5	56
52	Description of <i>Candidatus</i> <i>Jettenia ecosia</i> ^{sp. nov.} , a New Species of Anammox Bacteria. Microbiology, 2018, 87, 766-776.	1.2	25
53	Whole-genome sequence data and analysis of type strains <i>Candidatus</i> <i>Pusillimonas nitritireducens</i> TM and <i>Candidatus</i> <i>Pusillimonas subterraneus</i> TM isolated from nitrate- and radionuclide-contaminated groundwater in Russia. Data in Brief, 2018, 21, 882-887.	1.0	4
54	Draft Genome Sequence of <i>Roseomonas aestuarii</i> Strain JR1/69-1-13 Isolated from Nitrate- and Radionuclide-Contaminated Groundwater in Russia. Genome Announcements, 2018, 6, .	0.8	1

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55	Microbial Community and in situ Bioremediation of Groundwater by Nitrate Removal in the Zone of a Radioactive Waste Surface Repository. <i>Frontiers in Microbiology</i> , 2018, 9, 1985.	3.5	49
56	Draft Genome Sequence of a Dissimilatory U(VI)-Reducing Bacterium, <i>Shewanella xiamenensis</i> Strain DCB2-1, Isolated from Nitrate- and Radionuclide-Contaminated Groundwater in Russia. <i>Genome Announcements</i> , 2018, 6, .	0.8	10
57	Genome Sequence of Methylophilic <i>Azospirillum</i> sp. Strain B2, Isolated from a Raised Sphagnum Bog. <i>Genome Announcements</i> , 2018, 6, .	0.8	4
58	The cell wall of the filamentous anoxygenic phototrophic bacterium <i>Oscillochloris trichoides</i> . <i>Microbiology (United Kingdom)</i> , 2018, 164, 57-64.	1.8	7
59	Genome Sequence of <i>Prosthecochloris</i> sp. Strain ZM and <i>Prosthecochloris</i> sp. Strain ZM-2, Isolated from an Arctic Meromictic Lake. <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.6	5
60	Diversity of magnetotactic bacteria of the Moskva River. <i>Microbiology</i> , 2017, 86, 106-112.	1.2	26
61	Microbial processes of the carbon and sulfur cycles in an ice-covered, iron-rich meromictic lake in the Khatanga region, Lapland, Russia. <i>Environmental Microbiology</i> , 2017, 19, 659-672.	3.8	28
62	Draft Genome Sequence of the Anoxygenic Phototrophic Bacterium <i>Phaeospirillum fulvum</i> MGU-K5. <i>Genome Announcements</i> , 2017, 5, .	0.8	2
63	<i>Chloroflexus islandicus</i> sp. nov., a thermophilic filamentous anoxygenic phototrophic bacterium from a geyser. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 1381-1386.	1.7	30
64	Magnetotactic Bacteria – Trends for the Future Research. <i>NanoWorld Journal</i> , 2017, 03, 29-31.	0.1	1
65	Draft Genome Sequence of <i>Aeribacillus pallidus</i> Strain 8m3, a Thermophilic Hydrocarbon-Oxidizing Bacterium Isolated from the Dagang Oil Field (China). <i>Genome Announcements</i> , 2016, 4, .	0.8	8
66	Draft Genome Sequences of Two Magnetotactic Bacteria, <i>Magnetospirillum moscoviense</i> BB-1 and <i>Magnetospirillum marisnigri</i> SP-1. <i>Genome Announcements</i> , 2016, 4, .	0.8	10
67	Draft Genome Sequence of <i>Geobacillus subterraneus</i> Strain K, a Hydrocarbon-Oxidizing Thermophilic Bacterium Isolated from a Petroleum Reservoir in Kazakhstan. <i>Genome Announcements</i> , 2016, 4, .	0.8	3
68	Draft Genome Sequence of <i>Chloroflexus</i> sp. Strain isl-2, a Thermophilic Filamentous Anoxygenic Phototrophic Bacterium Isolated from the Strokkur Geyser, Iceland. <i>Genome Announcements</i> , 2016, 4, .	0.8	4
69	Biogeography of thermophilic phototrophic bacteria belonging to <i>Roseiflexus</i> genus. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiv012.	2.7	18
70	<i>Magnetospirillum caucaseum</i> sp. nov., <i>Magnetospirillum marisnigri</i> sp. nov. and <i>Magnetospirillum moscoviense</i> sp. nov., freshwater magnetotactic bacteria isolated from three distinct geographical locations in European Russia. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 2069-2077.	1.7	52
71	Reconstruction of bacteriochlorophyll biosynthesis pathways in the filamentous anoxygenic phototrophic bacterium <i>Oscillochloris trichoides</i> DG-6 and evolution of anoxygenic phototrophs of the order Chloroflexales. <i>Microbiology (United Kingdom)</i> , 2015, 161, 120-130.	1.8	15
72	Optimized Method for Preparation of IgG-Binding Bacterial Magnetic Nanoparticles. <i>PLoS ONE</i> , 2014, 9, e109914.	2.5	13

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73	Candidatus <i>Chloroploca asiatica</i> gen. nov., sp. nov., a new mesophilic filamentous anoxygenic phototrophic bacterium. <i>Microbiology</i> , 2014, 83, 838-848.	1.2	28
74	Draft Genome Sequence of <i>Magnetospirillum</i> sp. Strain SO-1, a Freshwater Magnetotactic Bacterium Isolated from the Ol'khovka River, Russia. <i>Genome Announcements</i> , 2014, 2, .	0.8	12
75	Production of modified magnetosome membrane proteins and analysis of their activity. <i>Applied Biochemistry and Microbiology</i> , 2013, 49, 220-226.	0.9	1