

# Denis S Grouzdev

## List of Publications by Year in descending order

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75  
papers

1,092  
citations

430874

18  
h-index

580821

25  
g-index

88  
all docs

88  
docs citations

88  
times ranked

709  
citing authors

#	ARTICLE	IF	CITATIONS
1	Draft genome sequences of <i>Candidatus Chloroploca asiatica</i> <sup>TM</sup> and <i>Candidatus Viridilinea mediisalina</i> <sup>TM</sup> , candidate representatives of the Chloroflexales order: phylogenetic and taxonomic implications. <i>Standards in Genomic Sciences</i> , 2018, 13, 24.	1.5	56
2	<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
3	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
4	<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
5	Genome-Based Metabolic Reconstruction of a Novel Uncultivated Freshwater Magnetotactic coccus <i>Candidatus Magnetaquicoccus inordinatus</i> -UR-1, and Proposal of a Candidate Family <i>Candidatus Magnetaquicoccaceae</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 2290.	3.5	33
6	Unravelling the diversity of magnetotactic bacteria through analysis of open genomic databases. <i>Scientific Data</i> , 2020, 7, 252.	5.3	32
7	<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
8	<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
9	<i>Sphaerochaeta halotolerans</i> sp. nov., a novel spherical halotolerant spirochete from a Russian heavy oil reservoir, emended description of the genus <i>Sphaerochaeta</i> , reclassification of <i>Sphaerochaeta coccoides</i> to a new genus <i>Parasphaerochaeta</i> gen. nov. as <i>Parasphaerochaeta coccoides</i> comb. nov. and proposal of <i>Sphaerochaetaceae</i> fam. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 4748-4759.	1.7	30
10	<i>Candidatus Chloroploca asiatica</i> <sup>TM</sup> gen. nov., sp. nov., a new mesophilic filamentous anoxygenic phototrophic bacterium. <i>Microbiology</i> , 2014, 83, 838-848.	1.2	28
11	Microbial processes of the carbon and sulfur cycles in an ice-covered, iron-rich meromictic lake <i>Svetloe</i> (Arkhangel'sk region, Russia). <i>Environmental Microbiology</i> , 2017, 19, 659-672.	3.8	28
12	Magnetotactic Bacteria and Magnetosomes: Basic Properties and Applications. <i>Magnetochemistry</i> , 2021, 7, 86.	2.4	27
13	Diversity of magnetotactic bacteria of the Moskva River. <i>Microbiology</i> , 2017, 86, 106-112.	1.2	26
14	Description of <i>Candidatus Jettenia ecosia</i> sp. nov., a New Species of Anammox Bacteria. <i>Microbiology</i> , 2018, 87, 766-776.	1.2	25
15	The Potential Application of Microorganisms for Sustainable Petroleum Recovery from Heavy Oil Reservoirs. <i>Sustainability</i> , 2020, 12, 15.	3.2	25
16	Repeated horizontal gene transfers triggered parallel evolution of magnetotaxis in two evolutionary divergent lineages of magnetotactic bacteria. <i>ISME Journal</i> , 2020, 14, 1783-1794.	9.8	25
17	<i>Azospirillum palustre</i> sp. nov., a methylotrophic nitrogen-fixing species isolated from raised bog. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 2787-2793.	1.7	25
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	<i>Natronospirillum operosum</i> gen. nov., sp. nov., a haloalkaliphilic satellite isolated from decaying biomass of a laboratory culture of cyanobacterium <i>Geitlerinema</i> sp. and proposal of <i>Natronospirillaceae</i> fam. nov., <i>Saccharospirillaceae</i> fam. nov. and <i>Gynuellaceae</i> fam. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 511-521.	1.7	19
20	Biogeography of thermophilic phototrophic bacteria belonging to <i>Roseiflexus</i> genus. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw012.	2.7	18
21	â€ˆCandidatus <i>Viridilinea mediisalina</i> â€™™, a novel phototrophic Chloroflexi bacterium from a Siberian soda lake. <i>FEMS Microbiology Letters</i> , 2019, 366, .	1.8	17
22	The patterns of nitrogen fixation in haloalkaliphilic phototrophic communities of Kulunda Steppe soda lakes (Altai, Russia). <i>FEMS Microbiology Ecology</i> , 2019, 95, .	2.7	17
23	<i>Magnetospirillum kuznetsovii</i> sp. nov., a novel magnetotactic bacterium isolated from a lake in the Moscow region. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 1953-1959.	1.7	17
24	â€ˆCandidatus <i>Oscillochloris fontis</i> â€™™: a novel mesophilic phototrophic Chloroflexota bacterium belonging to the ubiquitous <i>Oscillochloris</i> genus. <i>FEMS Microbiology Letters</i> , 2019, 366, .	1.8	16
25	Cryo-Electron Tomography Reveals the Complex Ultrastructural Organization of Multicellular Filamentous Chloroflexota (Chloroflexi) Bacteria. <i>Frontiers in Microbiology</i> , 2020, 11, 1373.	3.5	16
26	<i>Lichenicoccus roseus</i> gen. nov., sp. nov., the first bacteriochlorophyll a-containing, psychrophilic and acidophilic <i>Acetobacteraceae</i> bacteriobiont of lichen <i>Cladonia</i> species. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 4591-4601.	1.7	16
27	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
28	<i>Prosthecochloris marina</i> sp. nov., a new green sulfur bacterium from the coastal zone of the South China Sea. <i>Archives of Microbiology</i> , 2019, 201, 1399-1404.	2.2	15
29	Biodiversity of Magnetotactic Bacteria in the Freshwater Lake Beloe Bordukovskoe, Russia. <i>Microbiology</i> , 2020, 89, 348-358.	1.2	15
30	Pan-Genome-Based Analysis as a Framework for Demarcating Two Closely Related Methanotroph Genera <i>Methylocystis</i> and <i>Methylosinus</i> . <i>Microorganisms</i> , 2020, 8, 768.	3.6	15
31	<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
32	<i>Geobacillus proteiniphilus</i> sp. nov., a thermophilic bacterium isolated from a high-temperature heavy oil reservoir in China. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 3001-3008.	1.7	14
33	Optimized Method for Preparation of IgG-Binding Bacterial Magnetic Nanoparticles. <i>PLoS ONE</i> , 2014, 9, e109914.	2.5	13
34	Genome Sequence of â€ˆCandidatus <i>Viridilinea halotolerans</i> â€™™-Chok-6, Isolated from a Saline Sulfide-Rich Spring. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	13
35	Sulfidogenic Microbial Communities of the Uzen High-Temperature Oil Field in Kazakhstan. <i>Microorganisms</i> , 2021, 9, 1818.	3.6	13
36	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

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37	Physiology and Genomic Characteristics of <i>Geotoga petraea</i> , a Bacterium Isolated from a Low-Temperature Petroleum Reservoir (Russia). <i>Microbiology</i> , 2019, 88, 662-670.	1.2	12
38	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
39	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
40	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
41	Genome Sequences of Green- and Brown-Colored Strains of <i>Chlorobium phaeovibrioides</i> with Gas Vesicles. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	10
42	<i>Hanschlegelia quercus</i> sp. nov., a novel methylotrophic bacterium isolated from oak buds. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 4646-4652.	1.7	10
43	<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
44	Benthic phototrophic community from Kiran soda lake, south-eastern Siberia. <i>Extremophiles</i> , 2018, 22, 211-220.	2.3	9
45	Ultramicrobacteria from Nitrate- and Radionuclide-Contaminated Groundwater. <i>Sustainability</i> , 2020, 12, 1239.	3.2	9
46	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
47	Bacteria of the Genus <i>Shewanella</i> from Radionuclide-Contaminated Groundwater. <i>Microbiology</i> , 2019, 88, 613-623.	1.2	8
48	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
49	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
50	Microbial Diversity and Potential Sulfide Producers in the Karazhanbas Oilfield (Kazakhstan). <i>Microbiology</i> , 2020, 89, 459-469.	1.2	7
51	Magnetic Properties of Bacterial Magnetosomes Produced by <i>Magnetospirillum caucaseum</i> SO-1. <i>Microorganisms</i> , 2021, 9, 1854.	3.6	7
52	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
53	Draft genome sequence data and analysis of <i>Shinella</i> sp. strain JR1-6 isolated from nitrate- and radionuclide-contaminated groundwater in Russia. <i>Data in Brief</i> , 2019, 25, 104319.	1.0	6
54	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

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55	Bacterial Communities of Microbial Mats of the White Sea Supralittoral and of the Littoral of the Lakes Separated from the Sea. <i>Microbiology</i> , 2019, 88, 600-612.	1.2	5
56	<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
57	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
58	Draft Genome Sequence of <i>Chloroflexus</i> sp. Strain isl-2, a Thermophilic Filamentous Anoxygenic Phototrophic Bacterium Isolated from the Strokkur Geysir, Iceland. <i>Genome Announcements</i> , 2016, 4, .	0.8	4
59	Whole-genome sequence data and analysis of type strains <i>Pusillimonas nitritireducens</i> ™ and <i>Pusillimonas subterraneus</i> ™ isolated from nitrate- and radionuclide-contaminated groundwater in Russia. <i>Data in Brief</i> , 2018, 21, 882-887.	1.0	4
60	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
61	Draft Genome Sequence of a Fermenting Bacterium, <i>Soehngenia</i> sp. Strain 1933P, Isolated from a Petroleum Reservoir in Azerbaijan. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	4
62	Bacterial communities of the microbial mats of Chokrak sulfide springs. <i>Archives of Microbiology</i> , 2019, 201, 795-805.	2.2	4
63	<i>Serinibacter arcticus</i> sp. nov., isolated from a thawing ancient ice wedge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 929-934.	1.7	4
64	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
65	Draft Genome Sequence of <i>Halomonas titanicae</i> Strain TAT1, a Hydrocarbon-Oxidizing Halophilic Bacterium Isolated from a Petroleum Reservoir in Russia. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	3
66	Draft Genome Sequence of the Anoxygenic Phototrophic Bacterium <i>Phaeospirillum fulvum</i> MGU-K5. <i>Genome Announcements</i> , 2017, 5, .	0.8	2
67	Draft Genome Sequence of a Fermenting Bacterium, <i>Sphaerochaeta halotolerans</i> <sup>4-11</sup> , from a Low-Temperature Petroleum Reservoir in Russia. <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.6	2
68	Draft Genome Sequence of a Sulfate-Reducing Bacterium, <i>Desulfofundulus salinum</i> 435 T, Isolated from a High-Temperature Gas Field in Russia. <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.6	2
69	Draft Genome Sequence of <i>Geotoga petraea</i> Strain HO-Geo1, Isolated from a Petroleum Reservoir in Russia. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	2
70	<i>Candidatus Chloroploca mongolica</i> ™ sp. nov. a new mesophilic filamentous anoxygenic phototrophic bacterium. <i>FEMS Microbiology Letters</i> , 2021, 368, .	1.8	2
71	Production of modified magnetosome membrane proteins and analysis of their activity. <i>Applied Biochemistry and Microbiology</i> , 2013, 49, 220-226.	0.9	1
72	Draft Genome Sequence of <i>Roseomonas aestuarii</i> Strain JR1/69-1-13 Isolated from Nitrate- and Radionuclide-Contaminated Groundwater in Russia. <i>Genome Announcements</i> , 2018, 6, .	0.8	1

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73	Magnetotactic Bacteria – Trends for the Future Research. NanoWorld Journal, 2017, 03, 29-31.	0.1	1
74	Genome Sequences of Novel Azospirillum sp. Strains B21 and Sh1, Isolated from Raised Sphagnum Bogs, and Type Strains Azospirillum lipoferum 59b and Azospirillum oryzae COC8. Microbiology Resource Announcements, 2019, 8, .	0.6	0
75	Structure elucidation and gene cluster annotation of the O-antigen of Pseudomonas veronii SHC-8-1 containing 2-acetamido-2,4,6-trideoxy-4-(3,5-dihydroxyhexanoylamino)-d-glucose. Carbohydrate Research, 2021, 504, 108306.	2.3	0