

Jeppe Lund Nielsen

List of Publications by Year in descending order

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173
papers

12,479
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22099

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181
docs citations

181
times ranked

10780
citing authors

#	ARTICLE	IF	CITATIONS
1	In Situ Characterization of Nitrospira -Like Nitrite-Oxidizing Bacteria Active in Wastewater Treatment Plants. Applied and Environmental Microbiology, 2001, 67, 5273-5284.	1.4	718
2	Combination of Fluorescent In Situ Hybridization and Microautoradiographyâ€”a New Tool for Structure-Function Analyses in Microbial Ecology. Applied and Environmental Microbiology, 1999, 65, 1289-1297.	1.4	635
3	Mainstream partial nitrification and anammox: long-term process stability and effluent quality at low temperatures. Water Research, 2016, 101, 628-639.	5.3	420
4	Amyloid adhesins are abundant in natural biofilms. Environmental Microbiology, 2007, 9, 3077-3090.	1.8	291
5	Thaumarchaeotes abundant in refinery nitrifying sludges express <i>amoA</i> but are not obligate autotrophic ammonia oxidizers. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16771-16776.	3.3	272
6	A conceptual ecosystem model of microbial communities in enhanced biological phosphorus removal plants. Water Research, 2010, 44, 5070-5088.	5.3	257
7	Functional amyloid in <i>Pseudomonas</i> . Molecular Microbiology, 2010, 77, 1009-1020.	1.2	256
8	Identity and Ecophysiology of Uncultured Actinobacterial Polyphosphate-Accumulating Organisms in Full-Scale Enhanced Biological Phosphorus Removal Plants. Applied and Environmental Microbiology, 2005, 71, 4076-4085.	1.4	246
9	<i>Microthrix parvicella</i> , a specialized lipid consumer in anaerobicâ€”aerobic activated sludge plants. Water Science and Technology, 2002, 46, 73-80.	1.2	244
10	Cohnâ€™s <i>Crenothrix</i> a filamentous methane oxidizer with an unusual methane monooxygenase. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2363-2367.	3.3	229
11	Identification of active denitrifiers in full-scale nutrient removal wastewater treatment systems. Environmental Microbiology, 2016, 18, 50-64.	1.8	226
12	High diversity and abundance of putative polyphosphate-accumulating <i>Tetrasphaera</i> -related bacteria in activated sludge systems. FEMS Microbiology Ecology, 2011, 76, 256-267.	1.3	218
13	MiDAS: the field guide to the microbes of activated sludge. Database: the Journal of Biological Databases and Curation, 2015, 2015, bav062.	1.4	213
14	The Microbiome of Animals: Implications for Conservation Biology. International Journal of Genomics, 2016, 2016, 1-7.	0.8	204
15	Activity and growth of anammox biomass on aerobically pre-treated municipal wastewater. Water Research, 2015, 80, 325-336.	5.3	195
16	Biomass segregation between biofilm and flocs improves the control of nitrite-oxidizing bacteria in mainstream partial nitrification and anammox processes. Water Research, 2019, 154, 104-116.	5.3	191
17	A metabolic model for members of the genus <i>Tetrasphaera</i> involved in enhanced biological phosphorus removal. ISME Journal, 2013, 7, 543-554.	4.4	188
18	Identity and ecophysiology of filamentous bacteria in activated sludge. FEMS Microbiology Reviews, 2009, 33, 969-998.	3.9	185

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19	Microautoradiographic Study of Rhodocyclus -Related Polyphosphate-Accumulating Bacteria in Full-Scale Enhanced Biological Phosphorus Removal Plants. <i>Applied and Environmental Microbiology</i> , 2004, 70, 5383-5390.	1.4	174
20	Microbial communities involved in enhanced biological phosphorus removal from wastewater—a model system in environmental biotechnology. <i>Current Opinion in Biotechnology</i> , 2012, 23, 452-459.	3.3	167
21	Linking microbial community structure with function: fluorescence in situ hybridization-microautoradiography and isotope arrays. <i>Current Opinion in Biotechnology</i> , 2006, 17, 83-91.	3.3	166
22	Amyloid-Like Adhesins Produced by Floc-Forming and Filamentous Bacteria in Activated Sludge. <i>Applied and Environmental Microbiology</i> , 2008, 74, 1517-1526.	1.4	165
23	Structure and function of the microbial community in a full-scale enhanced biological phosphorus removal plant. <i>Microbiology (United Kingdom)</i> , 2007, 153, 4061-4073.	0.7	162
24	Phylogenetic diversity and ecophysiology of Candidate phylum Saccharibacteria in activated sludge. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw078.	1.3	155
25	Population dynamics of bacteria involved in enhanced biological phosphorus removal in Danish wastewater treatment plants. <i>Water Research</i> , 2013, 47, 1529-1544.	5.3	153
26	In-situ biogas upgrading with pulse H ₂ additions: The relevance of methanogen adaption and inorganic carbon level. <i>Bioresource Technology</i> , 2017, 233, 256-263.	4.8	146
27	Biodegradation of triclosan and formation of methyl-triclosan in activated sludge under aerobic conditions. <i>Chemosphere</i> , 2011, 84, 452-456.	4.2	144
28	Extracellular DNA is abundant and important for microcolony strength in mixed microbial biofilms. <i>Environmental Microbiology</i> , 2011, 13, 710-721.	1.8	138
29	Identification of syntrophic acetate-oxidizing bacteria in anaerobic digesters by combined protein-based stable isotope probing and metagenomics. <i>ISME Journal</i> , 2016, 10, 2405-2418.	4.4	135
30	Novel Nitrospira-like bacteria as dominant nitrite-oxidizers in biofilms from wastewater treatment plants: diversity and in situ physiology. <i>Water Science and Technology</i> , 2000, 41, 85-90.	1.2	131
31	Resolving the individual contribution of key microbial populations to enhanced biological phosphorus removal with Raman-FISH. <i>ISME Journal</i> , 2019, 13, 1933-1946.	4.4	130
32	Studies on the in situ physiology of Thiothrix spp. present in activated sludge. <i>Environmental Microbiology</i> , 2000, 2, 389-398.	1.8	125
33	Quantification of cell-specific substrate uptake by probe-defined bacteria under in situ conditions by microautoradiography and fluorescence in situ hybridization. <i>Environmental Microbiology</i> , 2003, 5, 202-211.	1.8	115
34	Fluorescence in situ hybridization of 16S rRNA gene clones (Clone-FISH) for probe validation and screening of clone libraries. <i>Environmental Microbiology</i> , 2002, 4, 713-720.	1.8	113
35	Phylogenetic Identification and Substrate Uptake Patterns of Sulfate-Reducing Bacteria Inhabiting an Oxic-Anoxic Sewer Biofilm Determined by Combining Microautoradiography and Fluorescent In Situ Hybridization. <i>Applied and Environmental Microbiology</i> , 2002, 68, 356-364.	1.4	112
36	Exogenous addition of H ₂ for an in situ biogas upgrading through biological reduction of carbon dioxide into methane. <i>Waste Management</i> , 2017, 68, 146-156.	3.7	110

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37	Abundance and ecophysiology of <i>Defluviicoccus</i> spp., glycogen-accumulating organisms in full-scale wastewater treatment processes. <i>Microbiology (United Kingdom)</i> , 2007, 153, 178-185.	0.7	106
38	Microbial Nitrate-Dependent Oxidation of Ferrous Iron in Activated Sludge. <i>Environmental Science & Technology</i> , 1998, 32, 3556-3561.	4.6	104
39	Peracetic acid degradation and effects on nitrification in recirculating aquaculture systems. <i>Aquaculture</i> , 2009, 296, 246-254.	1.7	104
40	Ecophysiology of a group of uncultured Gammaproteobacterial glycogen-accumulating organisms in full-scale enhanced biological phosphorus removal wastewater treatment plants. <i>Environmental Microbiology</i> , 2006, 8, 479-489.	1.8	100
41	Influence of microbial activity on the stability of activated sludge flocs. <i>Colloids and Surfaces B: Biointerfaces</i> , 2000, 18, 145-156.	2.5	99
42	Characterization of a simple bacterial consortium for effective treatment of wastewaters with reactive dyes and Cr(VI). <i>Chemosphere</i> , 2007, 67, 826-831.	4.2	99
43	Abundance and Phylogenetic Affiliation of Iron Reducers in Activated Sludge as Assessed by Fluorescence In Situ Hybridization and Microautoradiography. <i>Applied and Environmental Microbiology</i> , 2002, 68, 4629-4636.	1.4	97
44	Mixed carbon sources for nitrate reduction in activated sludge-identification of bacteria and process activity studies. <i>Water Research</i> , 2008, 42, 1539-1546.	5.3	95
45	Metabolic model for the filamentous <i>Candidatus</i> <i>Microthrix parvicella</i> ™ based on genomic and metagenomic analyses. <i>ISME Journal</i> , 2013, 7, 1161-1172.	4.4	93
46	Strong responses of <i>Drosophila melanogaster</i> microbiota to developmental temperature. <i>Fly</i> , 2018, 12, 1-12.	0.9	93
47	Isotope Labeling and Microautoradiography of Active Heterotrophic Bacteria on the Basis of Assimilation of ¹⁴ C. <i>Applied and Environmental Microbiology</i> , 2005, 71, 646-655.	1.4	91
48	Ecophysiology of the filamentous Alphaproteobacterium <i>Meganema perideroedes</i> in activated sludge. <i>FEMS Microbiology Ecology</i> , 2005, 54, 111-112.	1.3	78
49	Substrate-dependent denitrification of abundant probe-defined denitrifying bacteria in activated sludge. <i>FEMS Microbiology Ecology</i> , 2008, 66, 447-461.	1.3	78
50	<i>Candidatus</i> <i>Halomonas phosphatis</i> ™, a novel polyphosphate-accumulating organism in full-scale enhanced biological phosphorus removal plants. <i>Environmental Microbiology</i> , 2012, 14, 2826-2837.	1.8	76
51	Microbial diversity in bioaerosol samples causing ODTS compared to reference bioaerosol samples as measured using Illumina sequencing and MALDI-TOF. <i>Environmental Research</i> , 2015, 140, 255-267.	3.7	76
52	Abundance of actinobacteria and production of geosmin and 2-methylisoborneol in Danish streams and fish ponds. <i>FEMS Microbiology Ecology</i> , 2005, 52, 265-278.	1.3	75
53	Adhesion characteristics of nitrifying bacteria in activated sludge. <i>Water Research</i> , 2008, 42, 2814-2826.	5.3	72
54	Ecophysiology of the Actinobacteria in activated sludge systems. <i>Antonie Van Leeuwenhoek</i> , 2008, 94, 21-33.	0.7	71

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55	Bacterial Communities Associated with Houseflies (<i>Musca domestica</i> L.) Sampled within and between Farms. PLoS ONE, 2017, 12, e0169753.	1.1	69
56	Bacterial composition of activated sludge - importance for floc and sludge properties. Water Science and Technology, 2004, 49, 51-58.	1.2	66
57	Ecophysiology of mycolic acid-containing Actinobacteria (Mycolata) in activated sludge foams. FEMS Microbiology Ecology, 2007, 61, 174-184.	1.3	63
58	Quantitative proteomic analysis of ibuprofen-degrading <i>Patulibacter</i> sp. strain I11. Biodegradation, 2013, 24, 615-630.	1.5	63
59	Physiology and behaviour of marine <i>Thioploca</i> . ISME Journal, 2009, 3, 647-657.	4.4	62
60	Enhancing metaproteomics – The value of models and defined environmental microbial systems. Proteomics, 2016, 16, 783-798.	1.3	62
61	Alternative strategies of nutrient acquisition and energy conservation map to the biogeography of marine ammonia-oxidizing archaea. ISME Journal, 2020, 14, 2595-2609.	4.4	62
62	Micromanipulation and further identification of FISH-labelled microcolonies of a dominant denitrifying bacterium in activated sludge. Environmental Microbiology, 2004, 6, 470-479.	1.8	55
63	Identification of Putative Genes Involved in Bisphenol A Degradation Using Differential Protein Abundance Analysis of <i>Sphingobium</i> sp. BiD32. Environmental Science & Technology, 2015, 49, 12232-12241.	4.6	54
64	Enumeration of acetate-consuming bacteria by microautoradiography under oxygen and nitrate respiring conditions in activated sludge. Water Research, 2002, 36, 421-428.	5.3	53
65	In situ studies of the phylogeny and physiology of filamentous bacteria with attached growth. Environmental Microbiology, 2002, 4, 383-391.	1.8	53
66	Characterization of the loosely attached fraction of activated sludge bacteria. Water Research, 2008, 42, 843-854.	5.3	53
67	Identification of glucose-fermenting bacteria in a full-scale enhanced biological phosphorus removal plant by stable isotope probing. Microbiology (United Kingdom), 2012, 158, 1818-1825.	0.7	53
68	Survival and activity of individual bioaugmentation strains. Bioresource Technology, 2015, 186, 192-199.	4.8	53
69	Evaluation of the Redox Dye 5-Cyano-2,3-Tolyl-Tetrazolium Chloride for Activity Studies by Simultaneous Use of Microautoradiography and Fluorescence In Situ Hybridization. Applied and Environmental Microbiology, 2003, 69, 641-643.	1.4	52
70	Community dynamics of denitrifying bacteria in full-scale wastewater treatment plants. Environmental Technology (United Kingdom), 2016, 37, 2358-2367.	1.2	50
71	Comparison of methods for determination of microbial biomass in wastewater. Water Research, 2001, 35, 1649-1658.	5.3	49
72	The effect on cardiorespiratory fitness after an 8-week period of commuter cycling – A randomized controlled study in adults. Preventive Medicine, 2011, 53, 172-177.	1.6	49

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73	Nitrosospira lacus sp. nov., a psychrotolerant, ammonia-oxidizing bacterium from sandy lake sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 242-250.	0.8	49
74	Microbial species and biodiversity in settling dust within and between pig farms. <i>Environmental Research</i> , 2019, 171, 558-567.	3.7	49
75	Variations in microcolony strength of probe-defined bacteria in activated sludge flocs. <i>FEMS Microbiology Ecology</i> , 2004, 50, 123-132.	1.3	47
76	In vivo gene expression in a <i>Staphylococcus aureus</i> prosthetic joint infection characterized by RNA sequencing and metabolomics: a pilot study. <i>BMC Microbiology</i> , 2016, 16, 80.	1.3	44
77	Evaluation of a membrane bioreactor system as post-treatment in waste water treatment for better removal of micropollutants. <i>Water Research</i> , 2016, 107, 37-46.	5.3	44
78	Quantification of functional groups in activated sludge by microautoradiography. <i>Water Science and Technology</i> , 2002, 46, 389-395.	1.2	43
79	Advances in Microscopy: Microautoradiography of Single Cells. <i>Methods in Enzymology</i> , 2005, 397, 237-256.	0.4	42
80	Identification of Triclosan-O-Sulfate and other transformation products of Triclosan formed by activated sludge. <i>Science of the Total Environment</i> , 2015, 505, 39-46.	3.9	41
81	Microbial population dynamics in continuous anaerobic digester systems during start up, stable conditions and recovery after starvation. <i>Bioresource Technology</i> , 2017, 232, 313-320.	4.8	41
82	Growth kinetics of hydrogen sulfide oxidizing bacteria in corroded concrete from sewers. <i>Journal of Hazardous Materials</i> , 2011, 189, 685-691.	6.5	40
83	Degradation of PPCPs in activated sludge from different WWTPs in Denmark. <i>Ecotoxicology</i> , 2015, 24, 2073-2080.	1.1	40
84	<i>Meganema perideroedes</i> gen. nov., sp. nov., a filamentous alphaproteobacterium from activated sludge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 1865-1868.	0.8	39
85	Diversity and metabolic potential of the microbiota associated with a soil arthropod. <i>Scientific Reports</i> , 2018, 8, 2491.	1.6	39
86	Identification of triclosan-degrading bacteria using stable isotope probing, fluorescence in situ hybridization and microautoradiography. <i>Microbiology (United Kingdom)</i> , 2012, 158, 2796-2804.	0.7	38
87	Stream water quality assessment by metabarcoding of invertebrates. <i>Ecological Indicators</i> , 2020, 111, 105982.	2.6	38
88	Characterisation of microbial communities for improved management of anaerobic digestion of food waste. <i>Waste Management</i> , 2020, 117, 124-135.	3.7	38
89	Detection of activity among uncultured Actinobacteria in a drinking water reservoir. <i>FEMS Microbiology Ecology</i> , 2006, 55, 432-438.	1.3	36
90	High and stable substrate specificities of microorganisms in enhanced biological phosphorus removal plants. <i>Environmental Microbiology</i> , 2013, 15, 1821-1831.	1.8	36

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91	Control of <i>Microthrix parvicella</i> in Activated Sludge Plants by Dosage of Polyaluminium Salts: Possible Mechanisms. <i>Clean - Soil, Air, Water</i> , 2005, 33, 255-261.	0.8	35
92	Community structure of bacteria and fungi in aerosols of a pig confinement building. <i>FEMS Microbiology Ecology</i> , 2012, 80, 390-401.	1.3	35
93	Proteomic data reveals a physiological basis for costs and benefits associated with thermal acclimation. <i>Journal of Experimental Biology</i> , 2016, 219, 969-76.	0.8	35
94	Microautoradiography: recent advances within the studies of the ecophysiology of bacteria in biofilms. <i>Water Science and Technology</i> , 2005, 52, 187-194.	1.2	34
95	In situ substrate conversion and assimilation by nitrifying bacteria in a model biofilm. <i>Environmental Microbiology</i> , 2005, 7, 1392-1404.	1.8	33
96	Impact of <i>Bacillus</i> spp. spores and gentamicin on the gastrointestinal microbiota of suckling and newly weaned piglets. <i>PLoS ONE</i> , 2018, 13, e0207382.	1.1	33
97	Stick or leave “ Pushing methanogens to biofilm formation for ex situ biomethanation. <i>Bioresource Technology</i> , 2019, 291, 121784.	4.8	33
98	Biogas upgrading with hydrogenotrophic methanogenic biofilms. <i>Bioresource Technology</i> , 2019, 287, 121422.	4.8	33
99	Bacterial community structure of a full-scale biofilter treating pig house exhaust air. <i>Systematic and Applied Microbiology</i> , 2011, 34, 344-352.	1.2	32
100	Housefly (<i>Musca domestica</i> L.) associated microbiota across different life stages. <i>Scientific Reports</i> , 2020, 10, 7842.	1.6	32
101	In situ detection of cell surface hydrophobicity of probe-defined bacteria in activated sludge. <i>Water Science and Technology</i> , 2001, 43, 97-103.	1.2	31
102	Genomic, Proteomic, and Metabolite Characterization of Gemfibrozil-Degrading Organism <i>Bacillus</i> sp. GeD10. <i>Environmental Science & Technology</i> , 2016, 50, 744-755.	4.6	30
103	The microbial community of the gut differs between piglets fed sow milk, milk replacer or bovine colostrum. <i>British Journal of Nutrition</i> , 2017, 117, 964-978.	1.2	30
104	Methanogenic archaea use a bacteria-like methyltransferase system to demethoxylate aromatic compounds. <i>ISME Journal</i> , 2021, 15, 3549-3565.	4.4	30
105	Bioremediation strategies for removal of residual atrazine in the boreal groundwater zone. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 10249-10259.	1.7	29
106	Butyric Acid- and Dimethyl Disulfide-Assimilating Microorganisms in a Biofilter Treating Air Emissions from a Livestock Facility. <i>Applied and Environmental Microbiology</i> , 2011, 77, 8595-8604.	1.4	27
107	Quantification of novel geosmin-producing bacteria in aquaculture systems. <i>Aquaculture</i> , 2017, 479, 304-310.	1.7	27
108	Transformation, CO ₂ formation and uptake of four organic micropollutants by carrier-attached microorganisms. <i>Water Research</i> , 2018, 141, 405-416.	5.3	27

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109	The In Situ Physiology of Pine Tree Like Organisms (PTLO) in Activated Sludge Foams. <i>Clean - Soil, Air, Water</i> , 2005, 33, 203-209.	0.8	24
110	The in situ physiology of <i>Skermania piniformis</i> in foams in Australian activated sludge plants. <i>Environmental Microbiology</i> , 2006, 8, 1712-1720.	1.8	24
111	Microbial diversity in biofilms from corroding heating systems. <i>Biofouling</i> , 2005, 21, 19-29.	0.8	23
112	Long term/low dose formalin exposure to small-scale recirculation aquaculture systems. <i>Aquacultural Engineering</i> , 2010, 42, 1-7.	1.4	23
113	Microbial Production of the Off-Flavor Geosmin in Tilapia Production in Brazilian Water Reservoirs: Importance of Bacteria in the Intestine and Other Fish-Associated Environments. <i>Frontiers in Microbiology</i> , 2019, 10, 2447.	1.5	23
114	Impact of polyethylene on salivary glands proteome in <i>Galleria melonella</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2020, 34, 100678.	0.4	23
115	The Microbial Database for Danish wastewater treatment plants with nutrient removal (MiDas-DK) – a tool for understanding activated sludge population dynamics and community stability. <i>Water Science and Technology</i> , 2013, 67, 2519-2526.	1.2	22
116	Cellulolytic and Xylanolytic Microbial Communities Associated With Lignocellulose-Rich Wheat Straw Degradation in Anaerobic Digestion. <i>Frontiers in Microbiology</i> , 2021, 12, 645174.	1.5	22
117	Biodegradation kinetics of organic micropollutants and microbial community dynamics in a moving bed biofilm reactor. <i>Chemical Engineering Journal</i> , 2021, 415, 128963.	6.6	22
118	End-of-pipe single-sludge denitrification in pilot-scale recirculating aquaculture systems. <i>Aquacultural Engineering</i> , 2014, 62, 28-35.	1.4	21
119	Functional responses and adaptation of mesophilic microbial communities to psychrophilic anaerobic digestion. <i>FEMS Microbiology Ecology</i> , 2015, 91, fiv132.	1.3	21
120	Monitoring and characterisation of bacteria in corroding district heating systems using fluorescence in situ hybridisation and microautoradiography. <i>Water Science and Technology</i> , 2003, 47, 117-122.	1.2	20
121	eDNA metabarcoding for biodiversity assessment, generalist predators as sampling assistants. <i>Scientific Reports</i> , 2021, 11, 6820.	1.6	20
122	Distribution, ecology and molecular identification of <i>Thioploca</i> from Danish brackish water sediments. <i>FEMS Microbiology Ecology</i> , 2010, 73, no-no.	1.3	19
123	Impact of dust on airborne <i>Staphylococcus aureus</i> ™ viability, culturability, inflammogenicity, and biofilm forming capacity. <i>International Journal of Hygiene and Environmental Health</i> , 2020, 230, 113608.	2.1	18
124	Method for measuring substrate preferences by individual members of microbial consortia proposed for bioaugmentation. <i>Biodegradation</i> , 2008, 19, 621-633.	1.5	17
125	Complete Genome of <i>Rhodococcus pyridinivorans</i> SB3094, a Methyl-Ethyl-Ketone-Degrading Bacterium Used for Bioaugmentation. <i>Genome Announcements</i> , 2014, 2, .	0.8	17
126	Genetic structure of the European hedgehog (<i>Erinaceus europaeus</i>) in Denmark. <i>PLoS ONE</i> , 2020, 15, e0227205.	1.1	17

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127	Floc-forming properties of polyphosphate accumulating organisms in activated sludge. <i>Water Science and Technology</i> , 2006, 54, 257-265.	1.2	16
128	Quantifying Contribution of Syntrophic Acetate Oxidation to Methane Production in Thermophilic Anaerobic Reactors by Membrane Inlet Mass Spectrometry. <i>Environmental Science & Technology</i> , 2014, 48, 140130145609003.	4.6	16
129	Influence of p-cresol on the proteome of the autotrophic nitrifying bacterium <i>Nitrosomonas europaea</i> C91. <i>Archives of Microbiology</i> , 2014, 196, 497-511.	1.0	16
130	Mastication of polyolefins alters the microbial composition in <i>Galleria mellonella</i> . <i>Environmental Pollution</i> , 2021, 280, 116877.	3.7	16
131	Characterisation of cellulose-degrading organisms in an anaerobic digester. <i>Bioresource Technology</i> , 2022, 351, 126933.	4.8	16
132	Quantification of lipids and protein in thin biofilms by fluorescence staining. <i>Biofouling</i> , 2008, 24, 241-250.	0.8	15
133	Flow-through stable isotope probing (Flow-SIP) minimizes cross-feeding in complex microbial communities. <i>ISME Journal</i> , 2021, 15, 348-353.	4.4	14
134	Wildlife Conservation at a Garden Level: The Effect of Robotic Lawn Mowers on European Hedgehogs (<i>Erinaceus europaeus</i>). <i>Animals</i> , 2021, 11, 1191.	1.0	14
135	Population genomics of the raccoon dog (<i>Nyctereutes procyonoides</i>) in Denmark: insights into invasion history and population development. <i>Biological Invasions</i> , 2017, 19, 1637-1652.	1.2	13
136	Effects of ozone treatment on performance and microbial community composition in biofiltration systems treating ethyl acetate vapours. <i>Chemosphere</i> , 2019, 233, 67-75.	4.2	13
137	Integrated genome-wide investigations of the housefly, a global vector of diseases reveal unique dispersal patterns and bacterial communities across farms. <i>BMC Genomics</i> , 2020, 21, 66.	1.2	13
138	Comparing DNA metabarcoding with faecal analysis for diet determination of the Eurasian otter (<i>Lutra lutra</i>) in Vejlerne, Denmark. <i>Mammal Research</i> , 2021, 66, 115-122.	0.6	13
139	Flow Cytometry-Assisted Cloning of Specific Sequence Motifs from Complex 16S rRNA Gene Libraries. <i>Applied and Environmental Microbiology</i> , 2004, 70, 7550-7554.	1.4	12
140	Draft Genome Sequence of <i>Nitrosospira</i> sp. Strain APG3, a Psychrotolerant Ammonia-Oxidizing Bacterium Isolated from Sandy Lake Sediment. <i>Genome Announcements</i> , 2013, 1, .	0.8	12
141	Complete Genome Sequences of <i>Pseudomonas monteilii</i> SB3078 and SB3101, Two Benzene-, Toluene-, and Ethylbenzene-Degrading Bacteria Used for Bioaugmentation. <i>Genome Announcements</i> , 2014, 2, .	0.8	12
142	Physiological Responses of <i>Aspergillus niger</i> Challenged with Itraconazole. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	1.4	12
143	Dynamics of geosmin-producing bacteria in a full-scale saltwater recirculated aquaculture system. <i>Aquaculture</i> , 2019, 500, 170-177.	1.7	11
144	A cohort study of cucumber greenhouse workers' exposure to microorganisms as measured using NGS and MALDI-TOF MS and biomarkers of systemic inflammation. <i>Environmental Research</i> , 2021, 192, 110325.	3.7	11

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145	Wood-Ljungdahl pathway utilisation during in situ H ₂ biomethanation. <i>Science of the Total Environment</i> , 2022, 806, 151254.	3.9	11
146	The Gut Microbiome of 54 Mammalian Species. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	11
147	Diet of the European bison (<i>Bison bonasus</i>) in a forest habitat estimated by DNA barcoding. <i>Mammal Research</i> , 2021, 66, 123-136.	0.6	10
148	Rapid TaqMan-Based Quantification of Chlorophyll <i>a</i> -Containing Cyanobacteria in the Genus <i>Acaryochloris</i> . <i>Applied and Environmental Microbiology</i> , 2014, 80, 3244-3249.	1.4	9
149	Inter-laboratory testing of the effect of DNA blocking reagent G2 on DNA extraction from low-biomass clay samples. <i>Scientific Reports</i> , 2018, 8, 5711.	1.6	9
150	Functional Bacterial Amyloids in Biofilms. <i>Springer Series on Biofilms</i> , 2011, , 41-62.	0.0	9
151	Microbial Fe(II)-oxidation by nitrate in activated sludge. <i>Water Science and Technology</i> , 1998, 37, 403.	1.2	8
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