

Jeppe Lund Nielsen

List of Publications by Year in descending order

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Version: 2024-02-01

173
papers

12,479
citations

22153

59
h-index

28297

105
g-index

181
all docs

181
docs citations

181
times ranked

10780
citing authors

#	ARTICLE	IF	CITATIONS
1	Wood-Ljungdahl pathway utilisation during in situ H ₂ biomethanation. <i>Science of the Total Environment</i> , 2022, 806, 151254.	8.0	11
2	Tetrabromobisphenol A (TBBPA) biodegradation in acidogenic systems: One step further on where and who. <i>Science of the Total Environment</i> , 2022, 808, 152016.	8.0	6
3	Impact of water quality parameters on geosmin levels and geosmin producers in European recirculating aquaculture systems. <i>Journal of Applied Microbiology</i> , 2022, 132, 2475-2487.	3.1	4
4	A cross sectional study on airborne inhalable microorganisms, endotoxin, and particles in pigeon coops – Risk assessment of exposure. <i>Environmental Research</i> , 2022, 204, 112404.	7.5	5
5	Characterisation of cellulose-degrading organisms in an anaerobic digester. <i>Bioresource Technology</i> , 2022, 351, 126933.	9.6	16
6	Unravelling gradient layers of microbial communities, proteins, and chemical structure in aerobic granules. <i>Science of the Total Environment</i> , 2022, 829, 154253.	8.0	8
7	Impact of the restraint of biofilm volume and thickness on the performance and microbial composition in anaerobic moving-bed biofilm reactors (AnMBBRs). <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107741.	6.7	2
8	Health benefits of microalgae and their microbiomes. <i>Microbial Biotechnology</i> , 2022, 15, 1966-1983.	4.2	8
9	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.	7.5	11
10	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.	1.3	10
11	Flow-through stable isotope probing (Flow-SIP) minimizes cross-feeding in complex microbial communities. <i>ISME Journal</i> , 2021, 15, 348-353.	9.8	14
12	Assigning Function to Phylogeny: MAR-FISH. <i>Methods in Molecular Biology</i> , 2021, 2246, 225-236.	0.9	1
13	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.	1.3	13
14	eDNA metabarcoding for biodiversity assessment, generalist predators as sampling assistants. <i>Scientific Reports</i> , 2021, 11, 6820.	3.3	20
15	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.	2.3	14
16	Cellulolytic and Xylanolytic Microbial Communities Associated With Lignocellulose-Rich Wheat Straw Degradation in Anaerobic Digestion. <i>Frontiers in Microbiology</i> , 2021, 12, 645174.	3.5	22
17	Physiological Responses of <i>Aspergillus niger</i> Challenged with Itraconazole. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	3.2	12
18	Methanogenic archaea use a bacteria-like methyltransferase system to demethoxylate aromatic compounds. <i>ISME Journal</i> , 2021, 15, 3549-3565.	9.8	30

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19	Antifungal Resistance in Isolates of <i>Aspergillus</i> from a Pig Farm. <i>Atmosphere</i> , 2021, 12, 826.	2.3	5
20	Mastication of polyolefins alters the microbial composition in <i>Galleria mellonella</i> . <i>Environmental Pollution</i> , 2021, 280, 116877.	7.5	16
21	Biodegradation kinetics of organic micropollutants and microbial community dynamics in a moving bed biofilm reactor. <i>Chemical Engineering Journal</i> , 2021, 415, 128963.	12.7	22
22	Ecological quality in freshwater streams is reflected across all three domains of life. <i>Ecological Indicators</i> , 2021, 130, 108059.	6.3	0
23	Stream water quality assessment by metabarcoding of invertebrates. <i>Ecological Indicators</i> , 2020, 111, 105982.	6.3	38
24	Characterisation of microbial communities for improved management of anaerobic digestion of food waste. <i>Waste Management</i> , 2020, 117, 124-135.	7.4	38
25	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.	4.3	18
26	eDNA and metabarcoding for rewilding projects monitoring, a dietary approach. <i>Mammalian Biology</i> , 2020, 100, 411-418.	1.5	6
27	Housefly (<i>Musca domestica</i> L.) associated microbiota across different life stages. <i>Scientific Reports</i> , 2020, 10, 7842.	3.3	32
28	Potential Respiratory Deposition and Species Composition of Airborne Culturable, Viable, and Non-Viable Fungi during Occupancy in a Pig Farm. <i>Atmosphere</i> , 2020, 11, 639.	2.3	6
29	Alternative strategies of nutrient acquisition and energy conservation map to the biogeography of marine ammonia-oxidizing archaea. <i>ISME Journal</i> , 2020, 14, 2595-2609.	9.8	62
30	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.	2.8	13
31	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.	1.0	23
32	Genetic structure of the European hedgehog (<i>Erinaceus europaeus</i>) in Denmark. <i>PLoS ONE</i> , 2020, 15, e0227205.	2.5	17
33	Occurrence of <i>Cyanobacteria</i> and microcystins in hydroelectric reservoirs used for fish farming. <i>Journal of Water and Health</i> , 2020, 18, 983-994.	2.6	6
34	Stick or leave – Pushing methanogens to biofilm formation for ex situ biomethanation. <i>Bioresource Technology</i> , 2019, 291, 121784.	9.6	33
35	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.	3.5	23
36	Biomass segregation between biofilm and flocs improves the control of nitrite-oxidizing bacteria in mainstream partial nitrification and anammox processes. <i>Water Research</i> , 2019, 154, 104-116.	11.3	191

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37	Effects of ozone treatment on performance and microbial community composition in biofiltration systems treating ethyl acetate vapours. <i>Chemosphere</i> , 2019, 233, 67-75.	8.2	13
38	Biogas upgrading with hydrogenotrophic methanogenic biofilms. <i>Bioresource Technology</i> , 2019, 287, 121422.	9.6	33
39	Resolving the individual contribution of key microbial populations to enhanced biological phosphorus removal with Raman- ¹³ C-FISH. <i>ISME Journal</i> , 2019, 13, 1933-1946.	9.8	130
40	Microbial species and biodiversity in settling dust within and between pig farms. <i>Environmental Research</i> , 2019, 171, 558-567.	7.5	49
41	Dynamics of geosmin-producing bacteria in a full-scale saltwater recirculated aquaculture system. <i>Aquaculture</i> , 2019, 500, 170-177.	3.5	11
42	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.	3.3	9
43	Diversity and metabolic potential of the microbiota associated with a soil arthropod. <i>Scientific Reports</i> , 2018, 8, 2491.	3.3	39
44	Transformation, CO ₂ formation and uptake of four organic micropollutants by carrier-attached microorganisms. <i>Water Research</i> , 2018, 141, 405-416.	11.3	27
45	Strong responses of <i>Drosophila melanogaster</i> microbiota to developmental temperature. <i>Fly</i> , 2018, 12, 1-12.	1.7	93
46	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.	2.5	33
47	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.	9.6	41
48	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.	9.6	146
49	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.	2.3	30
50	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.	7.4	110
51	Quantification of novel geosmin-producing bacteria in aquaculture systems. <i>Aquaculture</i> , 2017, 479, 304-310.	3.5	27
52	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.	2.4	13
53	Bacterial Communities Associated with Houseflies (<i>Musca domestica</i> L.) Sampled within and between Farms. <i>PLoS ONE</i> , 2017, 12, e0169753.	2.5	69
54	The Microbiome of Animals: Implications for Conservation Biology. <i>International Journal of Genomics</i> , 2016, 2016, 1-7.	1.6	204

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55	Enhancing metaproteomicsâ€”The value of models and defined environmental microbial systems. <i>Proteomics</i> , 2016, 16, 783-798.	2.2	62
56	Bioaugmentation. <i>Springer Protocols</i> , 2016, , 105-115.	0.3	2
57	Identification of active denitrifiers in fullâ€”scale nutrient removal wastewater treatment systems. <i>Environmental Microbiology</i> , 2016, 18, 50-64.	3.8	226
58	Phylogenetic diversity and ecophysiology of Candidate phylum Saccharibacteria in activated sludge. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw078.	2.7	155
59	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.	3.3	44
60	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.	9.8	135
61	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.	11.3	44
62	Mainstream partial nitritation and anammox: long-term process stability and effluent quality at low temperatures. <i>Water Research</i> , 2016, 101, 628-639.	11.3	420
63	Community dynamics of denitrifying bacteria in full-scale wastewater treatment plants. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 2358-2367.	2.2	50
64	Proteomic data reveals a physiological basis for costs and benefits associated with thermal acclimation. <i>Journal of Experimental Biology</i> , 2016, 219, 969-76.	1.7	35
65	Genomic, Proteomic, and Metabolite Characterization of Gemfibrozil-Degrading Organism <i>Bacillus</i> sp. GeD10. <i>Environmental Science & Technology</i> , 2016, 50, 744-755.	10.0	30
66	MiDAS: the field guide to the microbes of activated sludge. <i>Database: the Journal of Biological Databases and Curation</i> , 2015, 2015, bav062.	3.0	213
67	Activity and growth of anammox biomass on aerobically pre-treated municipal wastewater. <i>Water Research</i> , 2015, 80, 325-336.	11.3	195
68	<i>Nitrosospira lacus</i> sp. nov., a psychrotolerant, ammonia-oxidizing bacterium from sandy lake sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 242-250.	1.7	49
69	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.	7.5	76
70	Survival and activity of individual bioaugmentation strains. <i>Bioresource Technology</i> , 2015, 186, 192-199.	9.6	53
71	Degradation of PPCPs in activated sludge from different WWTPs in Denmark. <i>Ecotoxicology</i> , 2015, 24, 2073-2080.	2.4	40
72	Identification of Putative Genes Involved in Bisphenol A Degradation Using Differential Protein Abundance Analysis of <i>Sphingobium</i> sp. BiD32. <i>Environmental Science & Technology</i> , 2015, 49, 12232-12241.	10.0	54

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73	Functional responses and adaptation of mesophilic microbial communities to psychrophilic anaerobic digestion. <i>FEMS Microbiology Ecology</i> , 2015, 91, fiv132.	2.7	21
74	Bioremediation strategies for removal of residual atrazine in the boreal groundwater zone. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 10249-10259.	3.6	29
75	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.	8.0	41
76	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
77	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
78	Preparation and characterization of a temperature-sensitive nonwoven poly (propylene) with antibacterial properties. <i>Journal of the Textile Institute</i> , 2014, 105, 327-336.	1.9	2
79	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.	3.1	9
80	Quantifying Contribution of Synthrophic Acetate Oxidation to Methane Production in Thermophilic Anaerobic Reactors by Membrane Inlet Mass Spectrometry. <i>Environmental Science & Technology</i> , 2014, 48, 140130145609003.	10.0	16
81	Influence of <i>p</i> -cresol on the proteome of the autotrophic nitrifying bacterium <i>Nitrosomonas eutropha</i> C91. <i>Archives of Microbiology</i> , 2014, 196, 497-511.	2.2	16
82	End-of-pipe single-sludge denitrification in pilot-scale recirculating aquaculture systems. <i>Aquacultural Engineering</i> , 2014, 62, 28-35.	3.1	21
83	Quantitative proteomic analysis of ibuprofen-degrading <i>Patulibacter</i> sp. strain I11. <i>Biodegradation</i> , 2013, 24, 615-630.	3.0	63
84	Population dynamics of bacteria involved in enhanced biological phosphorus removal in Danish wastewater treatment plants. <i>Water Research</i> , 2013, 47, 1529-1544.	11.3	153
85	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.	2.5	22
86	A metabolic model for members of the genus <i>Tetrasphaera</i> involved in enhanced biological phosphorus removal. <i>ISME Journal</i> , 2013, 7, 543-554.	9.8	188
87	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.	9.8	93
88	Distribution of grafted β -cyclodextrin in porous particles for bone tissue engineering. <i>Microporous and Mesoporous Materials</i> , 2013, 168, 132-141.	4.4	5
89	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
90	High and stable substrate specificities of microorganisms in enhanced biological phosphorus removal plants. <i>Environmental Microbiology</i> , 2013, 15, 1821-1831.	3.8	36

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91	Identification of triclosan-degrading bacteria using stable isotope probing, fluorescence in situ hybridization and microautoradiography. <i>Microbiology (United Kingdom)</i> , 2012, 158, 2796-2804.	1.8	38
92	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.	6.6	167
93	Identification of glucose-fermenting bacteria in a full-scale enhanced biological phosphorus removal plant by stable isotope probing. <i>Microbiology (United Kingdom)</i> , 2012, 158, 1818-1825.	1.8	53
94	Community structure of bacteria and fungi in aerosols of a pig confinement building. <i>FEMS Microbiology Ecology</i> , 2012, 80, 390-401.	2.7	35
95	<i>Candidatus</i> <i>Halomonas phosphatis</i> TM , a novel polyphosphate-accumulating organism in full-scale enhanced biological phosphorus removal plants. <i>Environmental Microbiology</i> , 2012, 14, 2826-2837.	3.8	76
96	Grafting cyclodextrins to calcium phosphate ceramics for biomedical applications. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012, 72, 173-181.	1.6	8
97	Extracellular DNA is abundant and important for microcolony strength in mixed microbial biofilms. <i>Environmental Microbiology</i> , 2011, 13, 710-721.	3.8	138
98	High diversity and abundance of putative polyphosphate-accumulating Tetrasphaera-related bacteria in activated sludge systems. <i>FEMS Microbiology Ecology</i> , 2011, 76, 256-267.	2.7	218
99	Bacterial community structure of a full-scale biofilter treating pig house exhaust air. <i>Systematic and Applied Microbiology</i> , 2011, 34, 344-352.	2.8	32
100	The effect on cardiorespiratory fitness after an 8-week period of commuter cycling—a randomized controlled study in adults. <i>Preventive Medicine</i> , 2011, 53, 172-177.	3.4	49
101	Biodegradation of triclosan and formation of methyl-triclosan in activated sludge under aerobic conditions. <i>Chemosphere</i> , 2011, 84, 452-456.	8.2	144
102	Growth kinetics of hydrogen sulfide oxidizing bacteria in corroded concrete from sewers. <i>Journal of Hazardous Materials</i> , 2011, 189, 685-691.	12.4	40
103	Thaumarchaeotes abundant in refinery nitrifying sludges express <i>amoA</i> but are not obligate autotrophic ammonia oxidizers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16771-16776.	7.1	272
104	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.	3.1	27
105	Functional Bacterial Amyloids in Biofilms. <i>Springer Series on Biofilms</i> , 2011, , 41-62.	0.1	9
106	Ecophysiological Analysis of Microorganisms in Complex Microbial Systems by Combination of Fluorescence In Situ Hybridization with Extracellular Staining Techniques. <i>Methods in Molecular Biology</i> , 2010, 599, 117-128.	0.9	7
107	Distribution and accessibility of cyclodextrins covalently bound onto silica gel. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2010, 67, 399-405.	1.6	3
108	Long term/low dose formalin exposure to small-scale recirculation aquaculture systems. <i>Aquacultural Engineering</i> , 2010, 42, 1-7.	3.1	23

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109	Distribution, ecology and molecular identification of <i>Thioploca</i> from Danish brackish water sediments. <i>FEMS Microbiology Ecology</i> , 2010, 73, no-no.	2.7	19
110	Functional amyloid in <i>Pseudomonas</i> . <i>Molecular Microbiology</i> , 2010, 77, 1009-1020.	2.5	256
111	Combination of Fluorescence In Situ Hybridization with Staining Techniques for Cell Viability and Accumulation of PHA and polyP in Microorganisms in Complex Microbial Systems. <i>Methods in Molecular Biology</i> , 2010, 599, 103-116.	0.9	8
112	A conceptual ecosystem model of microbial communities in enhanced biological phosphorus removal plants. <i>Water Research</i> , 2010, 44, 5070-5088.	11.3	257
113	Physiology and behaviour of marine <i>Thioploca</i> . <i>ISME Journal</i> , 2009, 3, 647-657.	9.8	62
114	Identity and ecophysiology of filamentous bacteria in activated sludge. <i>FEMS Microbiology Reviews</i> , 2009, 33, 969-998.	8.6	185
115	Peracetic acid degradation and effects on nitrification in recirculating aquaculture systems. <i>Aquaculture</i> , 2009, 296, 246-254.	3.5	104
116	Method for measuring substrate preferences by individual members of microbial consortia proposed for bioaugmentation. <i>Biodegradation</i> , 2008, 19, 621-633.	3.0	17
117	Ecophysiology of the Actinobacteria in activated sludge systems. <i>Antonie Van Leeuwenhoek</i> , 2008, 94, 21-33.	1.7	71
118	Substrate-dependent denitrification of abundant probe-defined denitrifying bacteria in activated sludge. <i>FEMS Microbiology Ecology</i> , 2008, 66, 447-461.	2.7	78
119	<i>In situ</i> detection of bacteria involved in cathodic depolarization and stainless steel surface corrosion using microautoradiography. <i>Journal of Applied Microbiology</i> , 2008, 105, 2231-2238.	3.1	5
120	Quantification of lipids and protein in thin biofilms by fluorescence staining. <i>Biofouling</i> , 2008, 24, 241-250.	2.2	15
121	Characterization of the loosely attached fraction of activated sludge bacteria. <i>Water Research</i> , 2008, 42, 843-854.	11.3	53
122	Mixed carbon sources for nitrate reduction in activated sludge-identification of bacteria and process activity studies. <i>Water Research</i> , 2008, 42, 1539-1546.	11.3	95
123	Adhesion characteristics of nitrifying bacteria in activated sludge. <i>Water Research</i> , 2008, 42, 2814-2826.	11.3	72
124	Amyloid-Like Adhesins Produced by Floc-Forming and Filamentous Bacteria in Activated Sludge. <i>Applied and Environmental Microbiology</i> , 2008, 74, 1517-1526.	3.1	165
125	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.	1.8	162
126	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.	1.8	106

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127	Characterization of a simple bacterial consortium for effective treatment of wastewaters with reactive dyes and Cr(VI). <i>Chemosphere</i> , 2007, 67, 826-831.	8.2	99
128	Amyloid adhesins are abundant in natural biofilms. <i>Environmental Microbiology</i> , 2007, 9, 3077-3090.	3.8	291
129	Ecophysiology of mycolic acid-containing Actinobacteria (Mycolata) in activated sludge foams. <i>FEMS Microbiology Ecology</i> , 2007, 61, 174-184.	2.7	63
130	Floc-forming properties of polyphosphate accumulating organisms in activated sludge. <i>Water Science and Technology</i> , 2006, 54, 257-265.	2.5	16
131	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.	3.8	100
132	The in situ physiology of <i>Skermania piniformis</i> in foams in Australian activated sludge plants. <i>Environmental Microbiology</i> , 2006, 8, 1712-1720.	3.8	24
133	Detection of activity among uncultured Actinobacteria in a drinking water reservoir. <i>FEMS Microbiology Ecology</i> , 2006, 55, 432-438.	2.7	36
134	Linking microbial community structure with function: fluorescence in situ hybridization-microautoradiography and isotope arrays. <i>Current Opinion in Biotechnology</i> , 2006, 17, 83-91.	6.6	166
135	<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.	1.7	39
136	Cohn's <i>Crenothrix</i> a filamentous methane oxidizer with an unusual methane monooxygenase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 2363-2367.	7.1	229
137	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.	2.7	75
138	Ecophysiology of the filamentous Alphaproteobacterium <i>Meganema perideroedes</i> in activated sludge. <i>FEMS Microbiology Ecology</i> , 2005, 54, 111-112.	2.7	78
139	In situ substrate conversion and assimilation by nitrifying bacteria in a model biofilm. <i>Environmental Microbiology</i> , 2005, 7, 1392-1404.	3.8	33
140	The In Situ Physiology of Pine Tree Like Organisms (PTLO) in Activated Sludge Foams. <i>Clean - Soil, Air, Water</i> , 2005, 33, 203-209.	0.6	24
141	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.	0.6	35
142	Microautoradiography: recent advances within the studies of the ecophysiology of bacteria in biofilms. <i>Water Science and Technology</i> , 2005, 52, 187-194.	2.5	34
143	Isotope Labeling and Microautoradiography of Active Heterotrophic Bacteria on the Basis of Assimilation of $^{14}\text{CO}_2$. <i>Applied and Environmental Microbiology</i> , 2005, 71, 646-655.	3.1	91
144	Identity and Ecophysiology of Uncultured Actinobacterial Polyphosphate-Accumulating Organisms in Full-Scale Enhanced Biological Phosphorus Removal Plants. <i>Applied and Environmental Microbiology</i> , 2005, 71, 4076-4085.	3.1	246

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145	Microbial diversity in biofilms from corroding heating systems. <i>Biofouling</i> , 2005, 21, 19-29.	2.2	23
146	Advances in Microscopy: Microautoradiography of Single Cells. <i>Methods in Enzymology</i> , 2005, 397, 237-256.	1.0	42
147	Bacterial composition of activated sludge - importance for floc and sludge properties. <i>Water Science and Technology</i> , 2004, 49, 51-58.	2.5	66
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