

# Huub Jm Op Den Camp

## List of Publications by Year in descending order

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282  
papers

24,143  
citations

10351

72  
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9311

143  
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293  
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293  
docs citations

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15782  
citing authors

#	ARTICLE	IF	CITATIONS
1	RNA Sequencing Elucidates Drug-Specific Mechanisms of Antibiotic Tolerance and Resistance in <i>Mycobacterium abscessus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, AAC0150921.	1.4	10
2	Unraveling Nitrogen, Sulfur, and Carbon Metabolic Pathways and Microbial Community Transcriptional Responses to Substrate Deprivation and Toxicity Stresses in a Bioreactor Mimicking Anoxic Brackish Coastal Sediment Conditions. <i>Frontiers in Microbiology</i> , 2022, 13, 798906.	1.5	2
3	Methanethiol Consumption and Hydrogen Sulfide Production by the Thermoacidophilic Methanotroph <i>Methylacidiphilum fumarolicum</i> SolV. <i>Frontiers in Microbiology</i> , 2022, 13, 857442.	1.5	15
4	Amsterdam urban canals contain novel niches for methane cycling microorganisms. <i>Environmental Microbiology</i> , 2022, 24, 82-97.	1.8	8
5	Artificial ponds as hotspots of nitrogen removal in agricultural watershed. <i>Biogeochemistry</i> , 2022, 159, 283-301.	1.7	11
6	Studies of pyrroloquinoline quinone species in solution and in lanthanide-dependent methanol dehydrogenases. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 15397-15405.	1.3	4
7	Ammonia oxidation at pH 2.5 by a new gammaproteobacterial ammonia-oxidizing bacterium. <i>ISME Journal</i> , 2021, 15, 1150-1164.	4.4	39
8	<i>Methylacidimicrobium thermophilum</i> AP8, a Novel Methane- and Hydrogen-Oxidizing Bacterium Isolated From Volcanic Soil on Pantelleria Island, Italy. <i>Frontiers in Microbiology</i> , 2021, 12, 637762.	1.5	14
9	Verrucomicrobial methanotrophs: ecophysiology of metabolically versatile acidophiles. <i>FEMS Microbiology Reviews</i> , 2021, 45, .	3.9	49
10	Draft genome of a novel methanotrophic <i>Methylobacter</i> sp. from the volcanic soils of Pantelleria Island. <i>Antonie Van Leeuwenhoek</i> , 2021, 114, 313-324.	0.7	12
11	A Novel Laboratory-Scale Mesocosm Setup to Study Methane Emission Mitigation by Sphagnum Mosses and Associated Methanotrophs. <i>Frontiers in Microbiology</i> , 2021, 12, 652486.	1.5	3
12	Metagenome Assembled Genome of a Novel Verrucomicrobial Methanotroph From Pantelleria Island. <i>Frontiers in Microbiology</i> , 2021, 12, 666929.	1.5	13
13	Simultaneous Anaerobic and Aerobic Ammonia and Methane Oxidation under Oxygen Limitation Conditions. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0004321.	1.4	3
14	Horizontal Gene Transfer of Genes Encoding Copper-Containing Membrane-Bound Monooxygenase (CuMMO) and Soluble Di-iron Monooxygenase (SDIMO) in Ethane- and Propane-Oxidizing <i>Rhodococcus</i> Bacteria. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0022721.	1.4	5
15	Neodymium as Metal Cofactor for Biological Methanol Oxidation: Structure and Kinetics of an XoxF1-Type Methanol Dehydrogenase. <i>MBio</i> , 2021, 12, e0170821.	1.8	9
16	Impact of the invasive alien topmouth gudgeon ( <i>Pseudorasbora parva</i> ) and its associated parasite <i>Sphaerothecum destruens</i> on native fish species. <i>Biological Invasions</i> , 2020, 22, 587-601.	1.2	24
17	Contaminations in (meta)genome data: An open issue for the scientific community. <i>IUBMB Life</i> , 2020, 72, 698-705.	1.5	13
18	Cultivation and functional characterization of 79 planctomycetes uncovers their unique biology. <i>Nature Microbiology</i> , 2020, 5, 126-140.	5.9	164

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19	Metagenomic profiling of ammonia- and methane-oxidizing microorganisms in two sequential rapid sand filters. <i>Water Research</i> , 2020, 185, 116288.	5.3	52
20	Nutrient Limitation Causes Differential Expression of Transport- and Metabolism Genes in the Compartmentalized Anammox Bacterium <i>Kuenenia stuttgartiensis</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 1959.	1.5	14
21	Multiheme hydroxylamine oxidoreductases produce NO during ammonia oxidation in methanotrophs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24459-24463.	3.3	25
22	More Than a Methanotroph: A Broader Substrate Spectrum for <i>Methylacidiphilum fumarolicum</i> SolV. <i>Frontiers in Microbiology</i> , 2020, 11, 604485.	1.5	20
23	Geothermal Gases Shape the Microbial Community of the Volcanic Soil of Pantelleria, Italy. <i>MSystems</i> , 2020, 5, .	1.7	13
24	Growth on Carbohydrates from Carbonaceous Meteorites Alters the Immunogenicity of Environment-Derived Bacterial Pathogens. <i>Astrobiology</i> , 2020, 20, 1353-1362.	1.5	3
25	Hydrogen and Carbon Monoxide-Utilizing <i>Kyrpidia spormannii</i> Species From Pantelleria Island, Italy. <i>Frontiers in Microbiology</i> , 2020, 11, 951.	1.5	18
26	Diversity of isoprene-degrading bacteria in phyllosphere and soil communities from a high isoprene-emitting environment: a Malaysian oil palm plantation. <i>Microbiome</i> , 2020, 8, 81.	4.9	23
27	Several ways one goal—methanogenesis from unconventional substrates. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 6839-6854.	1.7	79
28	Understanding the chemistry of the artificial electron acceptors PES, PMS, DCPIP and Wurster's Blue in methanol dehydrogenase assays. <i>Journal of Biological Inorganic Chemistry</i> , 2020, 25, 199-212.	1.1	34
29	Diversity, enrichment, and genomic potential of anaerobic methane- and ammonium-oxidizing microorganisms from a brewery wastewater treatment plant. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 7201-7212.	1.7	9
30	Methanol Production by <i>Methylacidiphilum fumarolicum</i> SolV under Different Growth Conditions. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	19
31	The thermoacidophilic methanotroph <i>Methylacidiphilum fumarolicum</i> SolV oxidizes subatmospheric H <sub>2</sub> with a high-affinity, membrane-associated [NiFe] hydrogenase. <i>ISME Journal</i> , 2020, 14, 1223-1232.	4.4	47
32	Immune recognition of putative alien microbial structures: Host-pathogen interactions in the age of space travel. <i>PLoS Pathogens</i> , 2020, 16, e1008153.	2.1	7
33	Draft Genome Sequences of Two Acidophilic, Mesophilic Verrucomicrobial Methanotrophs Contain Only One pmoCAB Operon. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	1
34	Structure of the 4-hydroxy-tetrahydrodipicolinate synthase from the thermoacidophilic methanotroph <i>Methylacidiphilum fumarolicum</i> SolV and the phylogeny of the aminotransferase pathway. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2020, 76, 199-208.	0.4	4
35	Draft Genome Sequence of a Novel <i>Methylobacterium brachiatum</i> Strain Isolated from Human Skin. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	0
36	The Acidophilic Methanotroph <i>Methylacidimicrobium tartarophylax</i> 4AC Grows as Autotroph on H <sub>2</sub> Under Microoxic Conditions. <i>Frontiers in Microbiology</i> , 2019, 10, 2352.	1.5	28

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37	Interactions of anaerobic ammonium oxidizers and sulfide-oxidizing bacteria in a substrate-limited model system mimicking the marine environment. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	1.3	11
38	Interactions between anaerobic ammonium- and methane-oxidizing microorganisms in a laboratory-scale sequencing batch reactor. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 6783-6795.	1.7	26
39	Complete Genome Sequence of the Aerobic Facultative Methanotroph <i>Methylocella tundrae</i> Strain T4. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	5
40	Electrocatalysis of a Europium-Dependent Bacterial Methanol Dehydrogenase with Its Physiological Electron-Acceptor Cytochrome <i>c</i> . <i>Chemistry - A European Journal</i> , 2019, 25, 8760-8768.	1.7	13
41	Characterization of a novel cytochrome <i>c</i> as the electron acceptor of XoxF-MDH in the thermoacidophilic methanotroph <i>Methylophilum fumarolicum</i> SolV. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2019, 1867, 595-603.	1.1	25
42	Key Physiology of a Nitrite-Dependent Methane-Oxidizing Enrichment Culture. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	39
43	Anthropogenic Pollution Intervenes the Recovery Processes of Soil Archaeal Community Composition and Diversity From Flooding. <i>Frontiers in Microbiology</i> , 2019, 10, 2285.	1.5	7
44	Role of rare earth elements in methanol oxidation. <i>Current Opinion in Chemical Biology</i> , 2019, 49, 39-44.	2.8	75
45	Current perspectives on the application of N-damo and anammox in wastewater treatment. <i>Current Opinion in Biotechnology</i> , 2018, 50, 222-227.	3.3	88
46	Similar but Not the Same: First Kinetic and Structural Analyses of a Methanol Dehydrogenase Containing a Europium Ion in the Active Site. <i>ChemBioChem</i> , 2018, 19, 1147-1153.	1.3	61
47	Different Recovery Processes of Soil Ammonia Oxidizers from Flooding Disturbance. <i>Microbial Ecology</i> , 2018, 76, 1041-1052.	1.4	18
48	Facile Arsenazo III-Based Assay for Monitoring Rare Earth Element Depletion from Cultivation Media for Methanotrophic and Methylotrophic Bacteria. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	34
49	Mutations in SELENBP1, encoding a novel human methanethiol oxidase, cause extraoral halitosis. <i>Nature Genetics</i> , 2018, 50, 120-129.	9.4	86
50	Bacterial SBP56 identified as a Cu-dependent methanethiol oxidase widely distributed in the biosphere. <i>ISME Journal</i> , 2018, 12, 145-160.	4.4	62
51	Resolving the complete genome of <i>Kuenenia stuttgartiensis</i> from a membrane bioreactor enrichment using Single-Molecule Real-Time sequencing. <i>Scientific Reports</i> , 2018, 8, 4580.	1.6	48
52	Community Composition and Ultrastructure of a Nitrate-Dependent Anaerobic Methane-Oxidizing Enrichment Culture. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	28
53	Response of the Anaerobic Methanotroph <i>Candidatus Methanoperedens nitroreducens</i> to Oxygen Stress. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	42
54	Verrucomicrobial Methanotrophs. , 2018, , 43-55.		4

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55	Impact of the lanthanide contraction on the activity of a lanthanide-dependent methanol dehydrogenase – a kinetic and DFT study. Dalton Transactions, 2018, 47, 10463-10472.	1.6	69
56	Comparative Genomics of Candidatus Methyloirabilis Species and Description of Ca. Methyloirabilis Lanthanidiphila. Frontiers in Microbiology, 2018, 9, 1672.	1.5	67
57	Bioreactor virome metagenomics sequencing using DNA spike-ins. PeerJ, 2018, 6, e4351.	0.9	3
58	<i>Methyloirabilis fumariolicum</i> SoIV, a thermoacidophilic “Knallgas”™ methanotroph with both an oxygen-sensitive and -insensitive hydrogenase. ISME Journal, 2017, 11, 945-958.	4.4	80
59	Mimicking microbial interactions under nitrate-reducing conditions in an anoxic bioreactor: enrichment of novel Nitrospirae bacteria distantly related to <i>Thermodesulfovibrio</i> . Environmental Microbiology, 2017, 19, 4965-4977.	1.8	60
60	Ammonia Oxidation and Nitrite Reduction in the Verrucomicrobial Methanotroph <i>Methyloirabilis fumariolicum</i> SoIV. Frontiers in Microbiology, 2017, 8, 1901.	1.5	45
61	Draft Genome Sequences of Two Gammaproteobacterial Methanotrophs Isolated from Rice Ecosystems. Genome Announcements, 2017, 5, .	0.8	8
62	Ultrastructure and Viral Metagenome of Bacteriophages from an Anaerobic Methane Oxidizing <i>Methyloirabilis</i> Bioreactor Enrichment Culture. Frontiers in Microbiology, 2016, 7, 1740.	1.5	13
63	Plasmids from the gut microbiome of cabbage root fly larvae encode <i>SaxA</i> that catalyses the conversion of the plant toxin 2-phenylethyl isothiocyanate. Environmental Microbiology, 2016, 18, 1379-1390.	1.8	83
64	Branchial nitrogen cycle symbionts can remove ammonia in fish gills. Environmental Microbiology Reports, 2016, 8, 590-594.	1.0	34
65	Draft Genome Sequences of Gammaproteobacterial Methanotrophs Isolated from Marine Ecosystems. Genome Announcements, 2016, 4, .	0.8	23
66	Effects of nitrogen fertilization on diazotrophic activity of microorganisms associated with <i>Sphagnum magellanicum</i> . Plant and Soil, 2016, 406, 83-100.	1.8	44
67	Genome Characteristics of Two Novel Type I Methanotrophs Enriched from North Sea Sediments Containing Exclusively a Lanthanide-Dependent XoxF5-Type Methanol Dehydrogenase. Microbial Ecology, 2016, 72, 503-509.	1.4	39
68	New <i>Methyloceanibacter</i> diversity from North Sea sediments includes methanotroph containing solely the soluble methane monooxygenase. Environmental Microbiology, 2016, 18, 4523-4536.	1.8	81
69	Nitrate- and nitrite-dependent anaerobic oxidation of methane. Environmental Microbiology Reports, 2016, 8, 941-955.	1.0	150
70	Shifts of archaeal community structure in soil along an elevation gradient in a reservoir water level fluctuation zone. Journal of Soils and Sediments, 2016, 16, 2728-2739.	1.5	21
71	Nitrite-dependent anaerobic methane oxidizing bacteria along the water level fluctuation zone of the Three Gorges Reservoir. Applied Microbiology and Biotechnology, 2016, 100, 1977-1986.	1.7	49
72	A Metagenomics-Based Metabolic Model of Nitrate-Dependent Anaerobic Oxidation of Methane by <i>Methanoperedens</i> -Like Archaea. Frontiers in Microbiology, 2015, 6, 1423.	1.5	170

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73	Collembolan Transcriptomes Highlight Molecular Evolution of Hexapods and Provide Clues on the Adaptation to Terrestrial Life. PLoS ONE, 2015, 10, e0130600.	1.1	25
74	Draft Genomes of Gammaproteobacterial Methanotrophs Isolated from Terrestrial Ecosystems. Genome Announcements, 2015, 3, .	0.8	41
75	Draft Genome Sequence of Anammox Bacterium <i>Candidatus Scalindua brodae</i> , Obtained Using Differential Coverage Binning of Sequencing Data from Two Reactor Enrichments. Genome Announcements, 2015, 3, .	0.8	46
76	XoxF-Type Methanol Dehydrogenase from the Anaerobic Methanotroph <i>Candidatus Methylomirabilis oxyfera</i> . Applied and Environmental Microbiology, 2015, 81, 1442-1451.	1.4	75
77	Rhizobium Lipo-chitooligosaccharide Signaling Triggers Accumulation of Cytokinins in Medicago truncatula Roots. Molecular Plant, 2015, 8, 1213-1226.	3.9	146
78	Draft Genome Sequence of the Moderately Halophilic Methanotroph Methylohalobius crimeensis Strain 10Ki. Genome Announcements, 2015, 3, .	0.8	14
79	Complete nitrification by a single microorganism. Nature, 2015, 528, 555-559.	13.7	1,336
80	The genomic landscape of the verrucomicrobial methanotroph Methylohalobium fumariolicum SolV. BMC Genomics, 2014, 15, 914.	1.2	39
81	Interactions between anaerobic ammonium and sulfur-oxidizing bacteria in a laboratory scale model system. Environmental Microbiology, 2014, 16, 3487-3498.	1.8	81
82	Rare earth metals are essential for methanotrophic life in volcanic mudpots. Environmental Microbiology, 2014, 16, 255-264.	1.8	433
83	A New Addition to the Cell Plan of Anammox Bacteria: "Candidatus Kuenenia stuttgartiensis" Has a Protein Surface Layer as the Outermost Layer of the Cell. Journal of Bacteriology, 2014, 196, 80-89.	1.0	50
84	Dibenzo Crown Ether Layer Formation on Muscovite Mica. Langmuir, 2014, 30, 12570-12577.	1.6	9
85	Expanding the Verrucomicrobial Methanotrophic World: Description of Three Novel Species of Methylohalobium gen. nov. Applied and Environmental Microbiology, 2014, 80, 6782-6791.	1.4	161
86	PQQ-dependent methanol dehydrogenases: rare-earth elements make a difference. Applied Microbiology and Biotechnology, 2014, 98, 6163-6183.	1.7	323
87	Coexistence of nitrifying, anammox and denitrifying bacteria in a sequencing batch reactor. Frontiers in Microbiology, 2014, 5, 28.	1.5	76
88	The metagenome of the marine anammox bacterium <i>Candidatus Scalindua profunda</i> ™ illustrates the versatility of this globally important nitrogen cycle bacterium. Environmental Microbiology, 2013, 15, 1275-1289.	1.8	246
89	Hotspots of anaerobic ammonium oxidation at land-freshwater interfaces. Nature Geoscience, 2013, 6, 103-107.	5.4	260
90	Identification of the type II cytochrome c maturation pathway in anammox bacteria by comparative genomics. BMC Microbiology, 2013, 13, 265.	1.3	23

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91	How to make a living from anaerobic ammonium oxidation. <i>FEMS Microbiology Reviews</i> , 2013, 37, 428-461.	3.9	433
92	Evidence that the catenane form of CS <sub>2</sub> hydrolase is not an artefact. <i>Chemical Communications</i> , 2013, 49, 7770.	2.2	29
93	Differences in sequencing technologies improve the retrieval of anammox bacterial genome from metagenomes. <i>BMC Genomics</i> , 2013, 14, 7.	1.2	25
94	Enrichment of an anammox bacterial community from a flooded paddy soil. <i>Environmental Microbiology Reports</i> , 2013, 5, 483-489.	1.0	41
95	Draft Genome Sequence of <i>Methylomicrobium buryatense</i> Strain 5G, a Haloalkaline-Tolerant Methanotrophic Bacterium. <i>Genome Announcements</i> , 2013, 1, .	0.8	36
96	Genome Sequence of the Obligate Gammaproteobacterial Methanotroph <i>Methylomicrobium album</i> Strain BG8. <i>Genome Announcements</i> , 2013, 1, e0017013.	0.8	23
97	Presence and diversity of anammox bacteria in cold hydrocarbon-rich seeps and hydrothermal vent sediments of the Guaymas Basin. <i>Frontiers in Microbiology</i> , 2013, 4, 219.	1.5	41
98	Diversity and Ecophysiology of New Isolates of Extremely Acidophilic CS <sub>2</sub> -Converting Acidithiobacillus Strains. <i>Applied and Environmental Microbiology</i> , 2013, 79, 6784-6794.	1.4	8
99	Bacterial CS <sub>2</sub> Hydrolases from <i>Acidithiobacillus thiooxidans</i> Strains Are Homologous to the Archaeal Catenane CS <sub>2</sub> Hydrolase. <i>Journal of Bacteriology</i> , 2013, 195, 4046-4056.	1.0	27
100	A novel marine nitrite-oxidizing <i>Nitrospira</i> species from Dutch coastal North Sea water. <i>Frontiers in Microbiology</i> , 2013, 4, 60.	1.5	30
101	Unusual Members of the PVC Superphylum: The Methanotrophic <i>Verrucomicrobia</i> Genus <i>Methylacidiphilum</i> , 2013, , 211-227.		17
102	High prevalence of the parasite <i>Sphaerothecum destruens</i> in the invasive topmouth gudgeon <i>Pseudorasbora parva</i> in the Netherlands, a potential threat to native freshwater fish. <i>Aquatic Invasions</i> , 2013, 8, 355-360.	0.6	20
103	Draft Genome Sequence of the Volcano-Inhabiting Thermoacidophilic Methanotroph <i>Methylacidiphilum fumarolicum</i> Strain SolV. <i>Journal of Bacteriology</i> , 2012, 194, 3729-3730.	1.0	43
104	Extremely acidophilic sulfur-oxidizing bacteria applied in biotechnological processes for gas purification. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2012, 47, 964-969.	0.9	4
105	Hydrazine Synthase, a Unique Phylomarker with Which To Study the Presence and Biodiversity of Anammox Bacteria. <i>Applied and Environmental Microbiology</i> , 2012, 78, 752-758.	1.4	228
106	Anoxic Iron Cycling Bacteria from an Iron Sulfide- and Nitrate-Rich Freshwater Environment. <i>Frontiers in Microbiology</i> , 2012, 3, 26.	1.5	23
107	Microbial Transformations of Nitrogen, Sulfur, and Iron Dictate Vegetation Composition in Wetlands: A Review. <i>Frontiers in Microbiology</i> , 2012, 3, 156.	1.5	100
108	Co-occurrence and distribution of nitrite-dependent anaerobic ammonium and methane-oxidizing bacteria in a paddy soil. <i>FEMS Microbiology Letters</i> , 2012, 336, 79-88.	0.7	201

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109	Genome Sequence of the Haloalkaliphilic Methanotrophic Bacterium <i>Methylomicrobium alcaliphilum</i> 20Z. <i>Journal of Bacteriology</i> , 2012, 194, 551-552.	1.0	72
110	Anammox Growth Physiology, Cell Biology, and Metabolism. <i>Advances in Microbial Physiology</i> , 2012, 60, 211-262.	1.0	175
111	Mimicking the oxygen minimum zones: stimulating interaction of aerobic archaeal and anaerobic bacterial ammonia oxidizers in a laboratory scale model system. <i>Environmental Microbiology</i> , 2012, 14, 3146-3158.	1.8	100
112	Nonlegume <i>Parasponia andersonii</i> Deploys a Broad Rhizobium Host Range Strategy Resulting in Largely Variable Symbiotic Effectiveness. <i>Molecular Plant-Microbe Interactions</i> , 2012, 25, 954-963.	1.4	55
113	Enrichment of denitrifying methanotrophic bacteria for application after direct low-temperature anaerobic sewage treatment. <i>Journal of Hazardous Materials</i> , 2012, 227-228, 164-171.	6.5	110
114	Bacterioplanepolyol signatures as markers for methanotrophic bacteria in peat moss. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 77, 52-61.	1.6	83
115	Genome analysis and heterologous expression of acetate-activating enzymes in the anammox bacterium <i>Kuenenia stuttgartiensis</i> . <i>Archives of Microbiology</i> , 2012, 194, 943-948.	1.0	23
116	Metabolic Regulation of <i>Ca</i> . <i>Methylacidiphilum Fumariolicum</i> SolV Cells Grown Under Different Nitrogen and Oxygen Limitations. <i>Frontiers in Microbiology</i> , 2012, 3, 266.	1.5	35
117	Genomic and Physiological Analysis of Carbon Storage in the Verrucomicrobial Methanotroph <i>Ca</i> . <i>Methylacidiphilum Fumariolicum</i> SolV. <i>Frontiers in Microbiology</i> , 2012, 3, 345.	1.5	61
118	Methanotrophic activity and diversity in different <i>Sphagnum magellanicum</i> dominated habitats in the southernmost peat bogs of Patagonia. <i>Biogeosciences</i> , 2012, 9, 47-55.	1.3	63
119	Spatial distribution of archaeal and bacterial ammonia oxidizers in the littoral buffer zone of a nitrogen-rich lake. <i>Journal of Environmental Sciences</i> , 2012, 24, 790-799.	3.2	32
120	Effect of oxygen on the anaerobic methanotroph <i>Candidatus</i> <i>Methylomirabilis oxyfera</i> : kinetic and transcriptional analysis. <i>Environmental Microbiology</i> , 2012, 14, 1024-1034.	1.8	142
121	FACIL: Fast and Accurate Genetic Code Inference and Logo. <i>Bioinformatics</i> , 2011, 27, 1929-1933.	1.8	42
122	Evolution of a new enzyme for carbon disulphide conversion by an acidothermophilic archaeon. <i>Nature</i> , 2011, 478, 412-416.	13.7	91
123	<i>pmoA</i> Primers for Detection of Anaerobic Methanotrophs. <i>Applied and Environmental Microbiology</i> , 2011, 77, 3877-3880.	1.4	145
124	Molecular mechanism of anaerobic ammonium oxidation. <i>Nature</i> , 2011, 479, 127-130.	13.7	707
125	Specific activation of human neutrophils by scorpion venom: A flow cytometry assessment. <i>Toxicology in Vitro</i> , 2011, 25, 358-367.	1.1	12
126	<i>De novo</i> transcriptome characterization and development of genomic tools for <i>Scabiosa columbaria</i> L. using next generation sequencing techniques. <i>Molecular Ecology Resources</i> , 2011, 11, 662-674.	2.2	44

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127	Ultra-deep pyrosequencing of pmoA amplicons confirms the prevalence of Methylomonas and Methylocystis in Sphagnum mosses from a Dutch peat bog. Environmental Microbiology Reports, 2011, 3, 667-673.	1.0	58
128	The role of endophytic methane-oxidizing bacteria in submerged Sphagnum in determining methane emissions of Northeastern Siberian tundra. Biogeosciences, 2011, 8, 1267-1278.	1.3	46
129	Diversity and enrichment of nitrite-dependent anaerobic methane oxidizing bacteria from wastewater sludge. Applied Microbiology and Biotechnology, 2011, 92, 845-854.	1.7	157
130	Pyrosequencing of 16S rRNA gene amplicons to study the microbiota in the gastrointestinal tract of carp (Cyprinus carpio L.). AMB Express, 2011, 1, 41.	1.4	186
131	Proteomic analysis reveals a virtually complete set of proteins for translation and energy generation in elementary bodies of the amoeba symbiont <i>Protochlamydia amoebophila</i> . Proteomics, 2011, 11, 1868-1892.	1.3	12
132	Anammox bacteria in different compartments of recirculating aquaculture systems. Biochemical Society Transactions, 2011, 39, 1817-1821.	1.6	15
133	Autotrophic Methanotrophy in Verrucomicrobia: Methyloacidiphilum fumariolicum SolV Uses the Calvin-Benson-Bassham Cycle for Carbon Dioxide Fixation. Journal of Bacteriology, 2011, 193, 4438-4446.	1.0	157
134	Detection, Isolation, and Characterization of Acidophilic Methanotrophs from Sphagnum Mosses. Applied and Environmental Microbiology, 2011, 77, 5643-5654.	1.4	93
135	Simultaneous Nitrite-Dependent Anaerobic Methane and Ammonium Oxidation Processes. Applied and Environmental Microbiology, 2011, 77, 6802-6807.	1.4	147
136	Physiological role of the respiratory quinol oxidase in the anaerobic nitrite-reducing methanotroph <i>Candidatus Methyloirabilis oxyfera</i> <sup>TM</sup> . Microbiology (United Kingdom), 2011, 157, 890-898.	0.7	40
137	Genome Sequence of the Methanotrophic Alphaproteobacterium Methylocystis sp. Strain Rockwell (ATCC 49242). Journal of Bacteriology, 2011, 193, 2668-2669.	1.0	55
138	Induced cooperation between marine nitrifiers and anaerobic ammonium-oxidizing bacteria by incremental exposure to oxygen. Systematic and Applied Microbiology, 2010, 33, 407-415.	1.2	29
139	Envenomation by the Scorpion Tityus breweri in the Guayana Shield, Venezuela: Report of a Case, Efficacy and Reactivity of Antivenom, and Proposal for a Toxinological Partitioning of the Venezuelan Scorpion Fauna. Wilderness and Environmental Medicine, 2010, 21, 282-290.	0.4	26
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280	The structure of a mannitol teichoic acid from <i>Bifidobacterium bifidum</i> ssp. <i>Pennsylvanicum</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1983, 755, 439-451.	1.1	15
281	The enzymes of the ammonia assimilation in <i>Pseudomonas aeruginosa</i> . <i>Archives of Microbiology</i> , 1980, 124-124, 197-203.	1.0	58
282	Metascan: METabolic Analysis, SCcreening and ANnotation of Metagenomes. <i>Frontiers in Bioinformatics</i> , 0, 2, .	1.0	3