Fluorescent-oligonucleotide probing of whole cells for o environmental studies in microbiology

Journal of Bacteriology 172, 762-770 DOI: 10.1128/jb.172.2.762-770.1990

Citation Report

#	Article	IF	CITATIONS
2	Fingerprinting genomes using PCR with arbitrary primers. Nucleic Acids Research, 1990, 18, 7213-7218.	14.5	4,477
3	Identification of single bacterial cells using digoxigenin-labelled, rRNA-targeted oligonucleotides. Journal of General Microbiology, 1991, 137, 2823-2830.	2.3	143
4	23S rRNA-targeted Oligonucleotide Probes for the Rapid Identification of Meat Lactobacilli. Systematic and Applied Microbiology, 1991, 14, 173-177.	2.8	84
5	Phylogeny of anaerobic rumen Chytridiomycetes inferred from small subunit ribosomal RNA sequence comparisons. Canadian Journal of Botany, 1991, 69, 1964-1971.	1.1	65
6	The Genus Magnetospirillum gen. nov. Description of Magnetospirillum gryphiswaldense sp. nov. and Transfer of Aquaspirillum magnetotacticum to Magnetospirillum magnetotacticum comb. nov Systematic and Applied Microbiology, 1991, 14, 379-385.	2.8	265
7	Development of molecular methods for the detection of specific bacteria in the environment. Journal of General Microbiology, 1991, 137, 1009-1019.	2.3	117
8	Identification in situ and phylogeny of uncultured bacterial endosymbionts. Nature, 1991, 351, 161-164.	27.8	393
9	The 16S rRNA nucleotide sequence ofMycobacterium leprae: phylogenetic position and development of DNA probes. FEMS Microbiology Letters, 1991, 80, 231-237.	1.8	16
10	MORPHOLOGICAL AND GENETIC VARIATION WITHIN THE DIATOM SKELETONEMA COSTATUM (BACILLARIOPHYTA): EVIDENCE FOR A NEW SPECIES, SKELETONEMA PSEUDOCOSTATUM1. Journal of Phycology, 1991, 27, 514-524.	2.3	146
11	Chemically Modified Oligonucleotides as Probes and Inhibitors. Angewandte Chemie International Edition in English, 1991, 30, 613-629.	4.4	151
12	Chemisch modifizierte Oligonucleotide als Sonden und Agentien. Angewandte Chemie, 1991, 103, 629-646.	2.0	53
13	Molecular ecology ofFrankia: Advantages and disadvantages of the use of DNA probes. Plant and Soil, 1991, 137, 49-54.	3.7	11
14	Detection of micro-organisms in soil after in situ hybridization with rRNA-targeted, fluorescently labelled oligonucleotides. Journal of General Microbiology, 1992, 138, 879-887.	2.3	233
15	Tracking genetically engineered microorganisms in the environment. Toxicological and Environmental Chemistry, 1992, 37, 11-20.	1.2	0
16	The use of rRNA sequences and fluorescent probes to investigate the phylogenetic positions of the anaerobic ciliate Metopus palaeformis and its archaeobacterial endosymbiont. Journal of General Microbiology, 1992, 138, 1479-1487.	2.3	158
17	Advances in Microbial Ecology. Advances in Microbial Ecology, 1992, , .	0.1	1
18	Enumerations of Vibrio cholerae in Aquatic Environments by MPN-16S rRNA Hybridization Method Bulletin of Japanese Society of Microbial Ecology, 1992, 7, 43-46.	0.1	9
19	Tracking genetically engineered bacteria: monoclonal antibodies against surface determinants of the soil bacterium Pseudomonas putida 2440. Journal of Bacteriology, 1992, 174, 2978-2985.	2.2	37

TATION REDO

#	Article	IF	CITATIONS
20	The phylogeny of marine and freshwater caulobacters reflects their habitat. Journal of Bacteriology, 1992, 174, 2193-2198.	2.2	93
21	Complete 23S Ribosomal RNA Sequences of Gram-positive Bacteria with a Low DNA G+C Content. Systematic and Applied Microbiology, 1992, 15, 487-501.	2.8	119
22	Genus- and Group-Specific Hybridization Probes for Determinative and Environmental Studies of Sulfate-Reducing Bacteria. Systematic and Applied Microbiology, 1992, 15, 601-609.	2.8	268
23	Phylogenetic Oligodeoxynucleotide Probes for the Major Subclasses of Proteobacteria: Problems and Solutions. Systematic and Applied Microbiology, 1992, 15, 593-600.	2.8	1,875
24	Introduction of Silent Mutations in a Proteinase Gene of Lactococcus lactis as a Useful Marker for Monitoring Studies. Systematic and Applied Microbiology, 1992, 15, 447-452.	2.8	13
25	Phylogenetic Diversity and Identification of Nonculturable Magnetotactic Bacteria. Systematic and Applied Microbiology, 1992, 15, 116-122.	2.8	141
26	Diversity Among Fibrobacter Isolates: Towards a Phylogenetic Classification. Systematic and Applied Microbiology, 1992, 15, 23-31.	2.8	130
27	Effects of storage on direct estimates of bacterial numbers of preserved seawater samples. Deep-sea Research Part A, Oceanographic Research Papers, 1992, 39, 375-394.	1.5	80
28	DNA amplification fingerprinting of bacteria. Applied Microbiology and Biotechnology, 1992, 38, 70-6.	3.6	97
30	Unculturable microbes detected by molecular sequences and probes. Biodiversity and Conservation, 1992, 1, 250-262.	2.6	41
31	The phylogenetic status ofSarcobium lyticum, an obligate intracellular bacterial parasite of small amoebae. FEMS Microbiology Letters, 1992, 96, 199-202.	1.8	62
32	Experimental enzymeâ€linked amperometric immunosensors for the detection of salmonellas in foods. Journal of Applied Bacteriology, 1992, 73, 189-196.	1.1	75
33	Optimizing fluorescent in situ hybridization with rRNAâ€ŧargeted oligonucleotide probes for flow cytometric identification of microorganisms. Cytometry, 1993, 14, 136-143.	1.8	1,142
34	The Functionalization of Oligonucleotides Via Phosphoramidite Derivatives. Tetrahedron, 1993, 49, 1925-1963.	1.9	265
35	Characterization of chemoheterotrophic bacteria associated with the in situ bioremediation of a waste-oil contaminated site. Microbial Ecology, 1993, 26, 161-88.	2.8	57
36	Phylogeny of the Antarctic bacterium, Carnobacterium alterfunditum. Polar Biology, 1993, 13, 501.	1.2	6
37	Fluorescence in situ hybridization for direct visualization of Gram-negative anaerobes in subgingival plaque samples. FEMS Immunology and Medical Microbiology, 1993, 6, 109-114.	2.7	21
38	TWO DISTINCT SMALL-SUBUNIT RIBOSOMAL RNA GENES IN THE NORTH AMERICAN TOXIC DINOFLAGELLATE ALEXANDRIUM FUNDYENSE (DINOPHYCEAE)1. Journal of Phycology, 1993, 29, 209-216.	2.3	87

#	Article	IF	CITATIONS
39	A new method to detect viable bacteria in natural seawater using 16SrRNA oligonucleotide probe. Journal of Oceanography, 1993, 49, 51-56.	1.7	32
40	Specific 16S ribosomal RNA targeted oligonucleotide probe against <i>Clavibacter michiganensis</i> subsp. <i>sepedonicus</i> . Canadian Journal of Microbiology, 1993, 39, 1029-1034.	1.7	16
41	Differentiation of Pseudomonas solanacearum, Pseudomonas syzygii, pseudomonas pickettii and the Blood Disease Bacterium by partial 16S rRNA sequencing: construction of oligonucleotide primers for sensitive detection by polymerase chain reaction. Journal of General Microbiology, 1993, 139, 1587-1594.	2.3	181
42	A Prototype Stable RNA Identification Cassette for Monitoring Plasmids of Genetically Engineered Microorganisms. Systematic and Applied Microbiology, 1993, 16, 280-286.	2.8	24
43	In situ Identification of Lactococci, Enterococci and Streptococci. Systematic and Applied Microbiology, 1993, 16, 450-456.	2.8	112
44	Ribosomal DNA Sequences of Bifidobacteria: Implications for Sequence-based Identification of the Human Colonic Flora. Microbial Ecology in Health and Disease, 1993, 6, 23-27.	3.5	16
45	phytogeny and phenotypic characterization of the stalk-forming and iron-oxidizing bacterium Gallionella ferruginea. Journal of General Microbiology, 1993, 139, 1531-1535.	2.3	121
46	Probing Marine Systems with Ribosomal RNAs. Oceanography, 1993, 6, 95-104.	1.0	26
47	Permeabilization of mycolic-acid-containing actinomycetes for in situ hybridization with fluorescently labelled oligonucleotide probes. Microbiology (United Kingdom), 1994, 140, 2859-2865.	1.8	62
48	Taxonomic Notes: A Proposal for Recording the Properties of Putative Taxa of Procaryotes. International Journal of Systematic Bacteriology, 1994, 44, 174-176.	2.8	266
49	Biogeochemical ecology of <i>Thiothrix</i> spp. In underwater limestone caves. Geomicrobiology Journal, 1994, 12, 141-159.	2.0	40
50	Sequence Determination of rRNA Genes of Pathogenic Vibrio Species and Whole-Cell Identification of Vibrio vulnificus with rRNA-Targeted Oligonucleotide Probes. International Journal of Systematic Bacteriology, 1994, 44, 330-337.	2.8	107
51	Characterization of marine prokaryotic communities via DNA and RNA. Microbial Ecology, 1994, 28, 133-145.	2.8	76
52	Ribosomal DMA sequences discriminate among toxic and non-toxicPseudonitzschia species. Natural Toxins, 1994, 2, 152-165.	1.0	93
53	Diversity of PAH-degrading bacteria in an airlift-suspension reactor system for waste-water cleaning. Acta Biotechnologica, 1994, 14, 337-345.	0.9	3
54	Bacterial phylogeny based on 16S and 23S rRNA sequence analysis. FEMS Microbiology Reviews, 1994, 15, 155-173.	8.6	338
55	Assessment of the state of activity of individual bacterial cells by hybridization with a ribosomal RNA targeted fluorescently labelled oligonucleotidic probe. FEMS Microbiology Ecology, 1994, 15, 207-213.	2.7	41
56	IDENTIFICATION OF GROUP- AND STRAIN-SPECIFIC GENETIC MARKERS FOR GLOBALLY DISTRIBUTED ALEXANDRIUM (DINOPHYCEAE). I. RFLP ANALYSIS OF SSU rRNA GENES1. Journal of Phycology, 1994, 30, 744-754.	2.3	138

#	Article	IF	CITATIONS
57	Microbial diversity in soil: effect of releasing genetically engineered microâ€organisms. Molecular Ecology, 1994, 3, 413-422.	3.9	26
58	An enzymeâ€linked immunosorbent assay (ELISA) for detection of Clostridium aldrichii in anaerobi ligesters*. Journal of Applied Bacteriology, 1994, 77, 448-455.	1.1	2
59	Biofilms, Naturally Occurring Communities of Immobilized Cells. , 1994, , 289-335.		2
60	Haloferax sp. D1227, a halophilic Archaeon capable of growth on aromatic compounds. Archives of Microbiology, 1994, 161, 445-452.	2.2	83
61	<i>In situ</i> analysis of microbial consortia in activated sludge using fluorescently labelled, rRNAâ€ŧargeted oligonucleotide probes and confocal scanning laser microscopy. Journal of Microscopy, 1994, 176, 181-187.	1.8	117
62	Taxon Specific Hybridization Probes for Fiber-digesting Bacteria Suggest Novel Gut-associated Fibrobacter. Systematic and Applied Microbiology, 1994, 17, 418-424.	2.8	47
63	Detection of pseudomonas in soil by rRNA targeted in situ hybridization. Soil Biology and Biochemistry, 1994, 26, 1093-1096.	8.8	18
64	In situ characterization of the microbial consortia active in two wastewater treatment plants. Water Research, 1994, 28, 1715-1723.	11.3	196
65	Phylogenetic Characterization of Clostridium Related Segmented Filamentous Bacteria in Mice Based on 16S Ribosomal RNA Analysis. Systematic and Applied Microbiology, 1994, 17, 172-179.	2.8	33
66	Identification and in situ Detection of Gram-negative Filamentous Bacteria in Activated Sludge. Systematic and Applied Microbiology, 1994, 17, 405-417.	2.8	261
67	The taxonomic identity of the cosmopolitan prymnesiophyte Phaeocystis: a morphological and ecophysiological approach. Journal of Marine Systems, 1994, 5, 5-22.	2.1	104
68	A Hypervariable 23S rRNA Region Provides a Discriminating Target for Specific Characterization of Uncultured and Cultured Frankia. Systematic and Applied Microbiology, 1994, 17, 433-443.	2.8	47
69	Singleâ€cell RNA content of natural marine planktonic bacteria measured by hybridization with multiple 16S rRNAâ€ŧargeted fluorescent probes. Limnology and Oceanography, 1994, 39, 869-879.	3.1	82
70	Substratum-induced morphological changes in a marine bacterium and their relevance to biofilm structure. Journal of Bacteriology, 1994, 176, 6900-6906.	2.2	93
71	Microbial community structure and activity in agricultural soils under different management. Zeitschrift Fur Pflanzenernahrung Und Bodenkunde = Journal of Plant Nutrition and Plant Science, 1994, 157, 187-195.	0.4	9
72	Chapter 29 Detection of Specific Microorganisms in Environmental Samples Using Flow Cytometry. Methods in Cell Biology, 1994, 42 Pt B, 489-522.	1.1	43
73	Dominance of one bacterial phylotype at a Mid-Atlantic Ridge hydrothermal vent site Proceedings of the United States of America, 1995, 92, 7232-7236.	7.1	198
74	[5] Adhesin-dependent isolation and characterization of bacteria from their natural environment. Methods in Enzymology, 1995, 253, 50-53.	1.0	6

#	Article	IF	CITATIONS
75	New methods of diagnosis in plant pathology – perspectives and pitfalls. EPPO Bulletin, 1995, 25, 5-17.	0.8	6
76	Diversity of Magnetotactic Bacteria. Systematic and Applied Microbiology, 1995, 18, 147-153.	2.8	126
77	In situ Identification of Ammonia-oxidizing Bacteria. Systematic and Applied Microbiology, 1995, 18, 251-264.	2.8	473
78	In situ Detection of Spores and Vegetative Cells of Bacillus megaterium in Soil by Whole Cell Hybridization. Systematic and Applied Microbiology, 1995, 18, 265-273.	2.8	28
79	Phylogenetic Position of the Two Uncultivated Trichomonads Pentatrichomonoides scroa Kirby and Metadevescovina extranea Kirby from the Hindgut of the Termite Mastotermes darwiniensis Froggatt. Systematic and Applied Microbiology, 1995, 18, 567-573.	2.8	37
80	Detection of Microbial Cells in Aerosols Using Nucleic Acid Probes. Systematic and Applied Microbiology, 1995, 18, 113-122.	2.8	35
81	Fluorescently labelled, rRNAâ€ŧargeted oligonucleotide probes in the study of microbial ecology. Molecular Ecology, 1995, 4, 543-554.	3.9	174
82	Flow cytometric study of differentiating cultures ofBacillus subtilis. Cytometry, 1995, 20, 324-333.	1.8	21
83	Isolation of a hyperthermophilic archaeum predicted by in situ RNA analysis. Nature, 1995, 376, 57-58.	27.8	252
84	Flow cytometric detection of specific genes in genetically modified bacteria using in situ polymerase chain reaction. FEMS Microbiology Letters, 1995, 134, 51-56.	1.8	37
85	Molecular methods to study the organization of microbial communities. Water Science and Technology, 1995, 32, 1.	2.5	106
86	Oligonucleotide probes based on 16S rRNA sequences for the identification of four <i>Azospirillum</i> species. Canadian Journal of Microbiology, 1995, 41, 1081-1087.	1.7	21
87	Growth of Microorganisms on Surfaces. , 1995, , 15-45.		45
88	Physiological state of Escherichia coli BJ4 growing in the large intestines of streptomycin-treated mice. Journal of Bacteriology, 1995, 177, 5840-5845.	2.2	194
89	In situ identification of Legionellaceae using 16S rRNA-targeted oligonucleotide probes and confocal laser scanning microscopy. Microbiology (United Kingdom), 1995, 141, 29-39.	1.8	104
90	Molecular characterization of nocardioform actinomycetes in activated sludge by 16S rRNA analysis. Microbiology (United Kingdom), 1995, 141, 513-521.	1.8	97
91	Detection of novel marine methanotrophs using phylogenetic and functional gene probes after methane enrichment. Microbiology (United Kingdom), 1995, 141, 1947-1955.	1.8	125
92	In situ identification of micro-organisms by whole cell hybridization with rRNA-targeted nucleic acid probes. , 1995, , 331-345.		278

TION REDO

ARTICLE IF CITATIONS In situ analysis of the bacterial community in the gut of the earthworm <i>Lumbricus terrestris</i>L 93 1.7 74 by whole-cell hybridization. Canadian Journal of Microbiology, 1995, 41, 666-673. Application of molecular methods for the classification and identification of lactic acid bacteria. 94 International Dairy Journal, 1995, 5, 1081-1094. Extraction and purification of PCR amplifiable DNA from lacustrine subsurface sediments. Journal of 95 1.6 16 Microbiological Methods, 1995, 21, 225-233. Detection of mRNA of nprM in Bacillus megaterium ATCC 14581 grown in soil by whole-cell 96 2.2 hybridization. Archives of Microbiology, 1995, 163, 235-241. Comparison of 16S ribosomal RNA genes inClavibacter michiganensissubspecies with other 97 1.7 23 coryneform bacteria. Canadian Journal of Microbiology, 1995, 41, 925-929. Classification and identification of bacteria: current approaches to an old problem. Overview of 3.8 methods used in bacterial systematics. Journal of Biotechnology, 1996, 47, 3-38. Application of a suite of 16S rRNA-specific oligonucleotide probes designed to investigate bacteria of the phylum cytophaga-flavobacter-bacteroides in the natural environment. Microbiology (United) Tj ETQq0 0 0 rgBL Overlock, 104Tf 50 99 Physical stabilization and confocal microscopy of bacteria on roots using 16S rRNA targeted, 100 1.6 38 fluorescent-labeled oligonucleotide probes. Journal of Microbiological Methods, 1996, 26, 279-285. A multicomponent reactive transport model of early diagenesis: Application to redox cycling in 101 3.9 336 coastal marine sediments. Geochimica Et Cosmochimica Acta, 1996, 60, 2993-3014. How Many Ruminal Bacteria Are There?. Journal of Dairy Science, 1996, 79, 1467-1475. 3.4 Detection and identification of <i>Entamoeba gingivalis </i>by specific amplification of rRNA gene. 103 22 1.7 Canadian Journal of Microbiology, 1996, 42, 1248-1251. Chapter 8. BIOGEOCHEMICAL DYNAMICS IN AQUATIC SEDIMENTS., 1996, , 335-376. 104 54 In situ analysis of nitrifying bacteria in sewage treatment plants. Water Science and Technology, 1996, 105 2.5 396 34, 237-244. In situ visualization of high genetic diversity in a natural microbial community. Journal of Bacteriology, 1996, 178, 3496-3500. 2.2 Phylogenetic analysis of dissimilatory Fe(III)-reducing bacteria. Journal of Bacteriology, 1996, 178, 107 2.2 372 2402-2408. A psychrophilic crenarchaeon inhabits a marine sponge: Cenarchaeum symbiosum gen. nov., sp. nov.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 6241-6246. Sequence heterogeneities of genes encoding 16S rRNAs in Paenibacillus polymyxa detected by 109 2.21,203 temperature gradient gel electrophoresis. Journal of Bacteriology, 1996, 178, 5636-5643. Conservation of forest soil microbial diversity: the impact of fire and research needs. Environmental 4.5 24 Reviews, 1996, 4, 267-275.

#	Article	IF	CITATIONS
111	analysis of nitrifying bacteria in sewage treatment plants. Water Science and Technology, 1996, 34, 237.	2.5	152
112	IDENTIFICATION OF CULTURED PSEUDO-NITZSCHIA (BACILLARIOPHYCEAE) USING SPECIES-SPECIFIC LSU rRNA-TARGETED FLUORESCENT PROBES1. Journal of Phycology, 1996, 32, 646-655.	2.3	112
113	IDENTIFICATION OF THE CLASS PRYMNESIOPHYCEAE AND THE GENUS PHAEOCYSTIS WITH RIBOSOMAL RNA-TARGETED NUCLEIC ACID PROBES DETECTED BY FLOW CYTOMETRY1. Journal of Phycology, 1996, 32, 858-868.	2.3	82
114	Intracellular prokaryotes in rumen ciliate protozoa: Detection by confocal laser scanning microscopy after in situ hybridization with fluorescent 16S rRNA probes. European Journal of Protistology, 1996, 32, 523-531.	1.5	56
115	Combination of rRNA-Targeted Hybridization Probes and Immuno-Probes for the Identification of Bacteria by Flow Cytometry. Systematic and Applied Microbiology, 1996, 19, 569-576.	2.8	31
116	Microflora of 2,4-dichlorophenoxyacetic Acid Degrading Biofilms on Gas Permeable Membranes. Systematic and Applied Microbiology, 1996, 19, 608-615.	2.8	16
117	An In Situ Hybridization Protocol for Detection and Identification of Planktonic Bacteria. Systematic and Applied Microbiology, 1996, 19, 403-406.	2.8	281
118	Applications of laser scanning microscopy for analysis of aquatic microhabitats. , 1996, 33, 73-86.		22
119	Characterization of bacterial communities from activated sludge: Culture-dependent numerical identification versus in situ identification using group- and genus-specific rRNA-targeted oligonucleotide probes. Microbial Ecology, 1996, 32, 101-21.	2.8	179
120	Ribosomal RNA-Based Oligonucleotide Probes to Identify Marine Green Ultraphytoplankton. Journal of Eukaryotic Microbiology, 1996, 43, 89-94.	1.7	32
121	High survival efficiency and ribosomal RNA decaying pattern of Desulfobacter latus, a highly specific acetate-utilizing organism, during starvation. FEMS Microbiology Ecology, 1996, 19, 17-25.	2.7	31
122	Specific, Nonradioactive Detection of the NHP Bacterium in Penaeus Vannamei by in Situ Hybridization. Journal of Veterinary Diagnostic Investigation, 1996, 8, 324-331.	1.1	12
123	Specific detection of Candida albicans and Candida tropicalis by fluorescent in situ hybridization with an 18S rRNA-targeted oligonucleotide probe. Microbiology (United Kingdom), 1996, 142, 2731-2740.	1.8	47
124	Microbial Biodiversity-Global Aspects. , 1996, , 1-11.		3
125	Fluorescent oligonucleotide rDNA probes that specifically bind to a common nanoflagellate, Paraphysomonas vestita. Microbiology (United Kingdom), 1997, 143, 1717-1727.	1.8	34
126	The challenge of growing oral spirochaetes. Journal of Medical Microbiology, 1997, 46, 104-116.	1.8	15
127	Genetic Identification of Members of the Genus <i>Corynebacterium</i> at Genus and Species Levels with 16S rDNAâ€Targeted Probes. Microbiology and Immunology, 1997, 41, 453-460.	1.4	14
128	Rapid Detection of Specific Microbial Cells by Fluorescent Staining Techniques Japanese Journal of Toxicology and Environmental Health, 1997, 43, 145-154.	0.1	2

#	Article	IF	CITATIONS
129	Advances in Microbial Ecology in 1990'. From Viewpoint of Methodology Microbes and Environments, 1997, 12, 41-56.	1.6	1
130	Phylogenetic Analysis by 16S rRNA Gene Sequencing of Obligate Oligotrophs Isolated from the Northern Basin of Lake Biwa (Mesotrophic Lake) Microbes and Environments, 1997, 12, 27-36.	1.6	3
131	Introduction to Gastrointestinal Microbial Ecology. , 1997, , 3-12.		6
132	Probes for the specific detection of Cryptosporidium parvum. Water Research, 1997, 31, 2668-2671.	11.3	14
133	Use of conventional methods and whole cell hybridization to monitor the microbial response to triethylphosphate. Journal of Microbiological Methods, 1997, 29, 145-151.	1.6	5
134	Rapid detection of Enterobacteriaceae in urine by fluorescent 16S rRNA in situ hybridization on membrane filters. Journal of Microbiological Methods, 1997, 30, 153-160.	1.6	23
135	Comparison of methods for the concentration of bacterioplankton for in situ hybridization. Journal of Microbiological Methods, 1997, 29, 23-29.	1.6	39
136	Multiparametric flow cytometry (FCM): An approach to detect specific bacterial cells in heterologous environments. Clinical Immunology Newsletter, 1997, 17, 39-44.	0.1	0
137	Chapter 2. MICROBIAL DIVERSITY IN OCEAN, SURFACE AND SUBSURFACE ENVIRONMENTS. , 1997, , 35-80.		30
138	Whole cell hybridization as a tool to study Frankia populations in root nodules. Physiologia Plantarum, 1997, 99, 696-706.	5.2	13
139	A pivotal Archaea group. Nature, 1997, 385, 780-780.	27.8	41
140	Detection of enterococci with rRNA targeted DNA probes and their use for hygienic drinking water control. Water Science and Technology, 1997, 35, 437.	2.5	13
141	Structure and function of a nitrifying biofilm as determined by microelectrodes and fluorescent oligonucleotide probes. Water Science and Technology, 1997, 36, 263.	2.5	16
142	Design and Application of Four Oligonucleotide Probes Specific for Thermus species. Systematic and Applied Microbiology, 1997, 20, 248-254.	2.8	7
143	Development and Use of Fluorescent In Situ Hybridization Probes for the Detection and Identification of "Microthrix parvicella―in Activated Sludge. Systematic and Applied Microbiology, 1997, 20, 310-318.	2.8	158
144	Selective detection, enumeration and identification of potentially probiotic Lactobacillus and Bifidobacterium species in mixed bacterial populations. International Journal of Food Microbiology, 1997, 35, 1-27.	4.7	161
145	Effects of stress treatments on the detection of Salmonella typhimurium by in situ hybridization. International Journal of Food Microbiology, 1997, 35, 251-258.	4.7	47
146	Bacterial endophytes in agricultural crops. Canadian Journal of Microbiology, 1997, 43, 895-914.	1.7	1,555

# 147	ARTICLE Fluorescence lifetime characterization of bacteria using total lifetime distribution analysis with the maximum entropy method. Journal of Fluorescence, 1997, 7, 201-210.	IF 2.5	CITATIONS
148	Analysis of bacterial community structure in bulk soil by in situ hybridization. Archives of Microbiology, 1997, 168, 185-192.	2.2	219
149	Improved In Situ Tracking of Rhizosphere Bacteria Using Dual Staining with Fluorescence-Labeled Antibodies and rRNA-Targeted Oligonucleotides. Microbial Ecology, 1997, 33, 32-40.	2.8	73
150	Detection and Quantification with 16S rRNA Probes of Planktonic Methylotrophic Bacteria in a Floodplain Lake. Microbial Ecology, 1997, 34, 97-108.	2.8	26
151	Flow cytometric discrimination betweenAcinetobacter calcoaceticus69-V andAlcaligenes eutrophusJMP134 by fluorescently labelled rRNA-targeted oligonucleotide probes and DNA staining. Acta Biotechnologica, 1997, 17, 19-38.	0.9	10
152	Quantitative flow cytometric detection of specific microorganisms in soil samples using rRNA targeted fluorescent probes and ethidium bromide. , 1997, 27, 224-232.		33
153	Title is missing!. Aquatic Ecology, 1998, 32, 3-15.	1.5	70
154	In situ detection of rhodococci associated with activated sludge foams. Antonie Van Leeuwenhoek, 1998, 74, 41-48.	1.7	17
155	rRNA based identification and detection systems for rhizobia and other bacteria. Plant and Soil, 1998, 204, 1-19.	3.7	42
156	Bacterial Biodiversity in Soil with an Emphasis on Chemically-Contaminated Soils. Water, Air, and Soil Pollution, 1998, 101, 45-67.	2.4	73
157	Phylogenetic Analysis of Rumen Bacteria by Comparative Sequence Analysis of Cloned 16S rRNA Genesß. Anaerobe, 1998, 4, 153-163.	2.1	233
158	Continuous culture selection of bifidobacteria and lactobacilli from human faecal samples using fructooligosaccharide as selective substrate. Journal of Applied Microbiology, 1998, 85, 769-777.	3.1	116
159	In situ detection of a virulence factor mRNA and 16S rRNA inListeria monocytogenes. FEMS Microbiology Letters, 1998, 160, 159-168.	1.8	110
160	Validity of fluorochrome-stained bacteria as tracers of short-term microbial transport through porous media. Journal of Contaminant Hydrology, 1998, 31, 349-357.	3.3	11
161	Molecular biological methods to detect "―and to determine its abundance in activated sludge. Water Science and Technology, 1998, 37, 37.	2.5	4
162	Sulfate reduction and sulfide oxidation in aerobic mixed population biofilms. Water Science and Technology, 1998, 37, 131.	2.5	11
163	Biofilm population dynamics in a trickle-bed bioreactor. Water Science and Technology, 1998, 37, 167.	2.5	5
164	structure/function studies in wastewater treatment systems. Water Science and Technology, 1998, 37, 413.	2.5	7

#	Article	IF	CITATIONS
165	Effectiveness of oligonucleotide probes targeted against and type 021V 16S rRNA for identification and population monitoring in activated sludges. Water Science and Technology, 1998, 37, 431.	2.5	7
166	Combining fluorescent hybridization (fish) with cultivation and mathematical modeling to study population structure and function of ammonia-oxidizing bacteria in activated sludge. Water Science and Technology, 1998, 37, 441.	2.5	34
167	Physiological, molecular and modeling studies of an aerobic denitrifier: . Use of its properties in an integrated nitrogen removal plant. Water Science and Technology, 1998, 38, 167.	2.5	3
168	Design and Evaluation of a Lactobacillus Group-specific Ribosomal RNA-targeted Hybridization Probe and its Application to the Study of Intestinal Microecology in Pigs. Systematic and Applied Microbiology, 1998, 21, 291-296.	2.8	56
169	Differentiation of Actinobacillus pleuropneumoniae Strains by Sequence Analysis of 16S rDNA and Ribosomal Intergenic Regions, and Development of a Species Specific Oligonucleotide for in situ Detection. Systematic and Applied Microbiology, 1998, 21, 408-418.	2.8	17
170	Analysis of Broad-scale Differences in Microbial Community Composition of Two Pristine Forest Soils. Systematic and Applied Microbiology, 1998, 21, 579-587.	2.8	75
171	Culture-independent characterisation of human faecal flora using rRNA-targeted hybridisation probes. Genetics Selection Evolution, 1998, 30, 1.	3.0	11
172	Methanogenic population dynamics during start-up of anaerobic digesters treating municipal solid waste and biosolids. Biotechnology and Bioengineering, 1998, 57, 342-355.	3.3	302
173	Estimating the Growth Rate of a Bacterial Species in a Complex Mixture by Hybridization of Genomic DNA. Microbial Ecology, 1998, 36, 111-120.	2.8	6
174	Enumeration of Carnobacterium divergens V41, Carnobacterium piscicola V1 and Lactobacillus brevis LB62 by in situ hybridization–flow cytometry. Letters in Applied Microbiology, 1998, 27, 302-306.	2.2	11
175	Classification and genetic characterization of pattern-formingBacilli. Molecular Microbiology, 1998, 27, 687-703.	2.5	18
176	Molecular-based methods can contribute to assessments of toxicological risks and bioremediation strategies. Journal of Microbiological Methods, 1998, 32, 107-119.	1.6	35
177	Molecular methods for the study of methanotroph ecology. FEMS Microbiology Ecology, 1998, 27, 103-114.	2.7	90
178	In situ identification of nocardioform actinomycetes in activated sludge using fluorescent rRNA-targeted oligonucleotide probes. Microbiology (United Kingdom), 1998, 144, 249-259.	1.8	79
179	In situ detection of bacteria in continuous-flow cultures of seawater sediment suspensions with f luorescently labelled rRNA-directed oligonucleotide probes. Microbiology (United Kingdom), 1998, 144, 2783-2790.	1.8	13
180	Manipulating ruminal fermentation: a microbial ecological perspective Journal of Animal Science, 1998, 76, 3114.	0.5	128
181	The double helix meets the crystal lattice; the power and pitfalls of nucleic acid approaches for biomineralogical investigations. American Mineralogist, 1998, 83, 1593-1607.	1.9	10
182	Specific detection of intracellular symbiotic bacteria of aphids by oligonucleotide-probed in situ hybridization. Applied Entomology and Zoology, 1998, 33, 461-472.	1.2	48

#	Article	IF	Citations
183	In Situ Gene Expression in Mixed-Culture Biofilms: Evidence of Metabolic Interactions between Community Members. Applied and Environmental Microbiology, 1998, 64, 721-732.	3.1	307
184	Establishment of New Genetic Traits in a Microbial Biofilm Community. Applied and Environmental Microbiology, 1998, 64, 2247-2255.	3.1	284
185	Identification and Activities In Situ of <i>Nitrosospira</i> and <i>Nitrospira</i> spp. as Dominant Populations in a Nitrifying Fluidized Bed Reactor. Applied and Environmental Microbiology, 1998, 64, 3480-3485.	3.1	448
186	Enumeration and Detection of Anaerobic Ferrous Iron-Oxidizing, Nitrate-Reducing Bacteria from Diverse European Sediments. Applied and Environmental Microbiology, 1998, 64, 4846-4856.	3.1	178
187	Phylogenetic Evidence for the Existence of Novel Thermophilic Bacteria in Hot Spring Sulfur-Turf Microbial Mats in Japan. Applied and Environmental Microbiology, 1998, 64, 1680-1687.	3.1	110
189	Homology cloning. , 1999, , 377-391.		0
190	Ammonium Oxidation in Mixed-population Biofilms Determined with the Use of Microelectrodes and in situ Hybridization Journal of Japan Society on Water Environment, 1999, 22, 206-214.	0.4	3
191	Spatial Distributions of Ammonia-Oxidizing Bacteria in Wastewater Biofilms Analyzed by Fluorescent <i>in situ</i> Hybridization. Journal of Japan Society on Water Environment, 1999, 22, 191-198.	0.4	2
192	DNA Microchip-Based Microbial Montoring. , 0, , .		0
193	Distribution of Bacterial Growth Activity in Flow-Chamber Biofilms. Applied and Environmental Microbiology, 1999, 65, 4108-4117.	3.1	267
194	Identification of a Novel Group of Bacteria in Sludge from a Deteriorated Biological Phosphorus Removal Reactor. Applied and Environmental Microbiology, 1999, 65, 1251-1258.	3.1	220
195	In Situ Analysis of Phototrophic Sulfur Bacteria in the Chemocline of Meromictic Lake Cadagno (Switzerland). Applied and Environmental Microbiology, 1999, 65, 1325-1330.	3.1	69
196	Combination of Fluorescent In Situ Hybridization and Microautoradiography—a New Tool for Structure-Function Analyses in Microbial Ecology. Applied and Environmental Microbiology, 1999, 65, 1289-1297.	3.1	635
197	Counting and Size Classification of Active Soil Bacteria by Fluorescence In Situ Hybridization with an rRNA Oligonucleotide Probe. Applied and Environmental Microbiology, 1999, 65, 1753-1761.	3.1	140
198	Vertical Distribution of Methanogens in the Anoxic Sediment of Rotsee (Switzerland). Applied and Environmental Microbiology, 1999, 65, 2402-2408.	3.1	134
199	Microscale Distribution of Populations and Activities of <i>Nitrosospira</i> and <i>Nitrospira</i> spp. along a Macroscale Gradient in a Nitrifying Bioreactor: Quantification by In Situ Hybridization and the Use of Microsensors. Applied and Environmental Microbiology, 1999, 65, 3690-3696.	3.1	431
200	Distribution of Sulfate-Reducing and Methanogenic Bacteria in Anaerobic Aggregates Determined by Microsensor and Molecular Analyses. Applied and Environmental Microbiology, 1999, 65, 4618-4629.	3.1	131
201	High Bacterial Diversity in Permanently Cold Marine Sediments. Applied and Environmental Microbiology, 1999, 65, 3982-3989.	3.1	378

#	Article	IF	CITATIONS
202	On the Occurrence of Anoxic Microniches, Denitrification, and Sulfate Reduction in Aerated Activated Sludge. Applied and Environmental Microbiology, 1999, 65, 4189-4196.	3.1	127
203	Fluorescent In Situ Hybridization and the Analysis of the Single Cell. , 0, , 221-236.		4
204	Surgical Stress, Bacteria, and Mucosal Immune Function. European Journal of Pediatric Surgery, 1999, 9, 210-213.	1.3	8
205	Conventional and Molecular Methods for Understanding Probiotic Bacteria Functionality in Gastrointestinal Tracts. Critical Reviews in Microbiology, 1999, 25, 19-38.	6.1	67
206	16S rDNA sequencing of Ruminococcus albus and Ruminococcus flavefaciens: design of a signature probe and its application in adult sheep. Microbiology (United Kingdom), 1999, 145, 1797-1807.	1.8	89
207	Bacterial Colonisation of Surfaces in the Large Intestine. , 1999, , 71-87.		20
208	Application of Taxonomy and Systematics to Molecular Techniques in Intestinal Microbiology. , 1999, , 167-190.		4
209	Bacterial diversity within the human subgingival crevice. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 14547-14552.	7.1	548
210	Colonic Microbiota, Nutrition and Health. , 1999, , .		48
211	Identification of oral mitis group streptococci by arbitrarily primed polymerase chain reaction. Oral Microbiology and Immunology, 1999, 14, 33-42.	2.8	21
212	Origins and fate of fungi and bacteria in the gut of Lumbricus terrestris L. studied by image analysis. FEMS Microbiology Ecology, 1999, 28, 235-248.	2.7	91
213	Structure and function of the methanogenic archaeal community in stable cellulose-degrading enrichment cultures at two different temperatures (15 and 30ŰC). FEMS Microbiology Ecology, 1999, 30, 313-326.	2.7	6
214	Inhibition of Escherichia coli precursor-16S rRNA processing by mouse intestinal contents. Environmental Microbiology, 1999, 1, 23-32.	3.8	50
215	Anaerobic utilization of alkylbenzenes and <i>n</i> â€alkanes from crude oil in an enrichment culture of denitrifying bacteria affiliating with the βâ€subclass of <i>Proteobacteria</i> . Environmental Microbiology, 1999, 1, 145-157.	3.8	100
216	A novel system for efficient gene expression and monitoring of bacteria in aquatic environments. Environmental Microbiology, 1999, 1, 175-182.	3.8	2
217	In situ analysis of the bacterial communities associated to farmed eel by whole-cell hybridization. Letters in Applied Microbiology, 1999, 29, 160-165.	2.2	11
218	Differentiation of Lactobacillus isolates from infant faeces by SDS-PAGE and rRNA-targeted oligonucleotide probes. Journal of Applied Microbiology, 1999, 87, 743-749.	3.1	17
219	About the order in aerobic heterotrophic microbial communities from hydrocarbon-contaminated sites. International Biodeterioration and Biodegradation, 1999, 43, 135-146.	3.9	7

#	Article	IF	CITATIONS
220	Monitoring the conjugal transfer of plasmid RP4 in activated sludge and in situ identification of the transconjugants. FEMS Microbiology Letters, 1999, 174, 9-17.	1.8	74
221	Design of cluster-specific 16S rDNA oligonucleotide probes to identify bacteria of theBacteroidessubgroup harbored in human feces. FEMS Microbiology Letters, 1999, 177, 143-149.	1.8	11
222	Seasonal changes in ribosomal RNA of sulfate-reducing bacteria and sulfate reducing activity in a freshwater lake sediment. FEMS Microbiology Ecology, 1999, 28, 31-39.	2.7	67
223	Origins and fate of fungi and bacteria in the gut of Lumbricus terrestris L. studied by image analysis. FEMS Microbiology Ecology, 1999, 28, 235-248.	2.7	41
224	Analysis of bacterial communities in heavy metal-contaminated soils at different levels of resolution. FEMS Microbiology Ecology, 1999, 30, 237-251.	2.7	237
225	Structure and function of the methanogenic archaeal community in stable cellulose-degrading enrichment cultures at two different temperatures (15 and 30Ã,°C). FEMS Microbiology Ecology, 1999, 30, 313-326.	2.7	68
226	Post-Viking microbiology: new approaches, new data, new insights. , 1999, 29, 73-93.		27
227	Phylogenetic Composition, Spatial Structure, and Dynamics of Lotic Bacterial Biofilms Investigated by Fluorescent in Situ Hybridization and Confocal Laser Scanning Microscopy. Microbial Ecology, 1999, 37, 225-237.	2.8	169
228	Use of 16S-rRNA Based Techniques to Investigate the Ecological Succession of Microbial Populations in the Immature Lamb Rumen: Tracking of a Specific Strain of Inoculated Ruminococcus and Interactions with Other Microbial Populations in Vivo. Microbial Ecology, 1999, 38, 365-376.	2.8	39
229	Specific detection of green sulfur bacteria by in situ hybridization with a fluorescently labeled oligonucleotide probe. Archives of Microbiology, 1999, 171, 265-272.	2.2	41
230	Physiology, phylogenetic relationships, and ecology of filamentous sulfate-reducing bacteria (genus) Tj ETQq0 0	0 r <u>g</u> BT /Ov	erlock 10 Tf 127
231	Differential enumeration and in situ localization of microorganisms in the hindgut of the lower termite Mastotermes darwiniensis by hybridization with rRNA-targeted probes. Archives of Microbiology, 1999, 172, 407-416.	2.2	80
232	Characterization of Microbial Communities of Biofilters by Phospholipid Fatty Acid Analysis and rRNA Targeted Oligonucleotide Probes. Systematic and Applied Microbiology, 1999, 22, 626-634.	2.8	19
233	In Situ Detection of Escherichia coli Cells Containing ColE1-related Plasmids by Hybridization to Regulatory RNA II. Systematic and Applied Microbiology, 1999, 22, 1-8.	2.8	10
234	Phylogenetic Relationships of a Large Marine Beggiatoa. Systematic and Applied Microbiology, 1999, 22, 39-44.	2.8	28
235	Specific Oligonucleotide Probes for in situ Detection of a Major Group of Gram-positive Bacteria with low DNA G+C Content. Systematic and Applied Microbiology, 1999, 22, 186-196.	2.8	309
236	Identification of Staphylococcus carnosus and Staphylococcus warneri Isolated from Meat by Fluorescent in situ Hybridization with 16S rRNA-Targeted Oligonucleotide Probes. Systematic and Applied Microbiology, 1999, 22, 225-228.	2.8	14
237	Bio-P and non-bio-P bacteria identification by a novel microbial approach. Water Science and Technology, 1999, 39, 13.	2.5	16

	Сітат	ION REPORT	
#	ARTICLE	IF	CITATIONS
238	Microbial ecology of sulfatereducing bacteria in wastewater biofilms analyzed by microelectrodes and fish (fluorescent hybridization) technique. Water Science and Technology, 1999, 39, 41.	2.5	7
239	Bacterial Populations in an Anthropogenically Disturbed Stream: Comparison of Different Seasons. Microbial Ecology, 1999, 38, 234-243.	2.8	42
240	Taxonomy and Systematics of Predominant Gut Anaerobes. , 1999, , 149-166.		3
241	Molecular monitoring of an uncultured group of the class Actinobacteria in two terrestrial environments. Journal of Microbiological Methods, 1999, 36, 65-75.	1.6	50
242	Reviewing the DA001-files: a 16S rRNA chase on suspect #X99967, a Bacillus and Dutch underground activist. Journal of Microbiological Methods, 1999, 36, 77-93.	1.6	14
243	Amplification of fluorescently labelled DNA within Gram-positive and acid-fast bacteria. Journal of Microbiological Methods, 1999, 38, 53-62.	1.6	8
244	Differential detection of key enzymes of polyaromatic-hydrocarbon-degrading bacteria using PCR and gene probes. Microbiology (United Kingdom), 1999, 145, 1731-1741.	1.8	115
245	Attachment of Reporter and Conjugate Groups to DNA. , 1999, , 153-249.		12
246	Strategies for Remediation of Former Opencast Mining Areas in Eastern Germany. , 1999, , 263-296.		10
248	[5] In Situ analysis of microbial biofilms by rRNA-targeted oligonucleotide probing. Methods in Enzymology, 1999, 310, 79-91.	1.0	29
249	In Situ Analysis of Community Structure in Activated Sludge with 2-Hydroxy-3-Naphthoic Acid-2-Phenylanilide Phosphate and Fast Red TR In Situ Hybridization Microbes and Environments, 1999 14, 1-8.	, 1.6	5
250	Oligonucleotides as Hybridization Probes to Localize Phytoplasmas in Host Plants and Insect Vectors. Phytopathology, 1999, 89, 894-901.	2.2	28
251	Developmental microbial ecology of the neonatal gastrointestinal tract. American Journal of Clinical Nutrition, 1999, 69, 1035S-1045S.	4.7	1,049
252	Confocal Laser Scanning Microscopy of Environmental Samples. , 1999, , 251-266.		2
253	Development of a Fluorescent 16S rRNA Oligonucleotide Probe Specific to the Family Enterobacteriaceae. Water Environment Research, 1999, 71, 75-83.	2.7	29
254	The ecology of Paraphysomonas imperforata based on studies employing oligonucleotide probe identification in coastal water samples and enrichment cultures. Limnology and Oceanography, 1999, 44, 37-51.	3.1	86
255	Shifts in bacterial community composition associated with different microzooplankton size fractions in a eutrophic reservoir. Limnology and Oceanography, 1999, 44, 1634-1644.	3.1	119
256	Heterogeneity of iron bioavailability on plants assessed with a whole-cell GFP-based bacterial biosensor. Microbiology (United Kingdom), 2000, 146, 2435-2445.	1.8	134

ARTICLE IF CITATIONS <title>Multispectral bacterial identification </title>., 2000,,. 2 257 Ecological study of a bioaugmentation failure. Environmental Microbiology, 2000, 2, 179-190. 3.8 271 Changes in community composition during dilution cultures of marine bacterioplankton as assessed 259 by flow cytometric and molecular biological techniques. Environmental Microbiology, 2000, 2, 3.8 158 191-201. Bacterial chromosomal painting for in situ monitoring of cultured marine bacteria. Environmental 260 Microbiology, 2000, 2, 654-665. Microenvironments and distribution of nitrifying bacteria in a membrane-bound biofilm. 261 239 3.8 Environmental Microbiology, 2000, 2, 680-686. Interaction of Bartonella henselae with endothelial cells results in rapid bacterial rRNA synthesis 2.1 and replication. Cellular Microbiology, 2000, 2, 431-441. Spatial distribution of 16S rRNA levels from uncultured acidobacteria in soil. Letters in Applied 263 2.2 18 Microbiology, 2000, 31, 118-122. Viability of Escherichia coli O157:H7 in natural river water determined by the use of flow cytometry. 264 3.1 54 Journal of Applied Microbiology, 2000, 88, 228-236. A fluorescently-labelled r-RNA targeted oligonucleotide probe for the in situ detection of G-bacteria 265 3.1 38 of the genus Ámaricoccus in activated sludge. Journal of Applied Microbiology, 2000, 88, 826-835. Formation and characteristics of nitrifying biofilm on a membrane modified with positively-charged 34 polymer chains. Colloids and Surfaces B: Biointerfaces, 2000, 18, 105-112. Characterization of the microbial community of lotic organic aggregates ('river snow') in the Elbe 267 2.7 78 River of Germany by cultivation and molecular methods. FEMS Microbiology Ecology, 2000, 33, 157-170. A marine microbial consortium apparently mediating anaerobic oxidation of methane. Nature, 2000, 268 27.8 2,636 407, 623-626. Fluorescent oligonucleotide rDNA probes for specific detection of methane oxidising bacteria. FEMS 269 2.7 40 Microbiology Ecology, 2000, 31, 29-38. Molecular detection of Gluconacetobacter sacchari associated with the pink sugarcane mealybug Saccharicoccus sacchari (Cockerell) and the sugarcane leaf sheath microenvironment by FISH and PCR. FEMS Microbiology Ecology, 2000, 31, 61-71. 270 2.7 Simultaneous detection of the establishment of seed-inoculated Pseudomonas fluorescens strain 271 DR54 and native soil bacteria on sugar beet root surfaces using fluorescence antibody and in situ 2.7 21 hybridization techniques. FEMS Microbiology Ecology, 2000, 33, 11-19. Characterization of the microbial community of lotic organic aggregates ($\tilde{A} \notin \hat{A} \in \hat{A}^{-}$ river snow $\tilde{A} \notin \hat{A} \in \hat{A}^{-}$) in the Elbe River of Germany by cultivation and molecular methods. FEMS Microbiology Ecology, 2000, 33, 157-170. 2.7 64 Microbial ecology of nitrifying bacteria in wastewater treatment process examined by fluorescence in 273 2.250 situ hybridization. Journal of Bioscience and Bioengineering, 2000, 90, 234-240. Rapid identification of Enterobacteriaceae using a novel 23S rRNA-targeted oligonucleotide probe. 274 4.3 International Journal of Hygiene and Environmental Health, 2000, 203, 77-82.

#	Article	IF	CITATIONS
275	Fluorescence staining and flow cytometry for monitoring microbial cells. Journal of Immunological Methods, 2000, 243, 191-210.	1.4	216
276	Molecular ecology of hydrothermal vent microbial communities. , 2000, 77, 117-133.		106
277	Direct enumeration of Escherichia coli and enteric bacteria in water, beverages and sprouts by 16S rRNA in situ hybridization. Food Microbiology, 2000, 17, 305-313.	4.2	17
278	Phylogenetic characterisation of bacterial symbionts in the accessory nidamental glands of the sepioid Sepia officinalis (Cephalopoda: Decapoda). Marine Biology, 2000, 136, 217-222.	1.5	49
279	Microbial processes at the aerobic-anaerobic interface in the deep-water zone of the black sea. Microbiology, 2000, 69, 436-448.	1.2	16
280	Analysis on Bacterial Community Structure in Activated Sludge of Wastewater Treatment Plant Using Fluorescence in situ Hybridization Journal of Japan Society on Water Environment, 2000, 23, 271-278.	0.4	10
281	Successful and unsuccessful bioaugmentation experiments monitored by fluorescent in situ hybridization. Water Science and Technology, 2000, 41, 61-68.	2.5	49
282	Tailoring of highly efficient nitrifying biofilms in fluidized bed for ammonia-rich industrial wastewater treatment. Water Science and Technology, 2000, 42, 357-362.	2.5	26
283	Growth and novel structural features of tubular biofilms produced under different hydrodynamic conditions. Water Science and Technology, 2000, 41, 129-138.	2.5	21
284	Monitoring the development of anaerobic biofilms using fluorescent in situ hybridization and confocal laser scanning microscopy. Water Science and Technology, 2000, 41, 69-77.	2.5	46
285	Spatial Changes in the Bacterial Community Structure along a Vertical Oxygen Gradient in Flooded Paddy Soil Cores. Applied and Environmental Microbiology, 2000, 66, 754-762.	3.1	259
286	Use of Combined Microautoradiography and Fluorescence In Situ Hybridization To Determine Carbon Metabolism in Mixed Natural Communities of Uncultured Bacteria from the Genus Achromatium. Applied and Environmental Microbiology, 2000, 66, 4518-4522.	3.1	74
287	Development and Application of Small-Subunit rRNA Probes for Assessment of Selected Thiobacillus Species and Members of the Genus Acidiphilium. Applied and Environmental Microbiology, 2000, 66, 3065-3072.	3.1	73
288	Use of Length Heterogeneity PCR and Fatty Acid Methyl Ester Profiles To Characterize Microbial Communities in Soil. Applied and Environmental Microbiology, 2000, 66, 1668-1675.	3.1	202
289	Phylogenetic Characterization and In Situ Detection of a Cytophaga-Flexibacter-Bacteroides Phylogroup Bacterium in Tuber borchii Vittad. Ectomycorrhizal Mycelium. Applied and Environmental Microbiology, 2000, 66, 5035-5042.	3.1	83
290	Endosymbiotic Microbiota of the Bamboo Pseudococcid Antonina crawii (Insecta, Homoptera). Applied and Environmental Microbiology, 2000, 66, 643-650.	3.1	106
291	Molecular analysis and development of 16S rRNA oligonucleotide probes to characterize a diclofop-methyl-degrading biofilm consortium. Canadian Journal of Microbiology, 2000, 46, 133-142.	1.7	21
292	Comparative 16S rRNA Analysis of Lake Bacterioplankton Reveals Globally Distributed Phylogenetic Clusters Including an Abundant Group of Actinobacteria. Applied and Environmental Microbiology, 2000, 66, 5053-5065.	3.1	593

#	Article	IF	CITATIONS
293	Selective and Sensitive Method for PCR Amplification of Escherichia coli 16S rRNA Genes in Soil. Applied and Environmental Microbiology, 2000, 66, 844-849.	3.1	125
294	Quantitative Use of Fluorescent In Situ Hybridization To Examine Relationships between Mycolic Acid-Containing Actinomycetes and Foaming in Activated Sludge Plants. Applied and Environmental Microbiology, 2000, 66, 1158-1166.	3.1	148
295	Simultaneous Direct Counting of Total and Specific Microbial Cells in Seawater, Using a Deep-Sea Microbe as Target. Applied and Environmental Microbiology, 2000, 66, 2211-2215.	3.1	41
296	Response of a Soil Bacterial Community to Grassland Succession as Monitored by 16S rRNA Levels of the Predominant Ribotypes. Applied and Environmental Microbiology, 2000, 66, 3998-4003.	3.1	97
297	Phylogeny of Microorganisms Populating a Thick, Subaerial, Predominantly Lithotrophic Biofilm at an Extreme Acid Mine Drainage Site. Applied and Environmental Microbiology, 2000, 66, 3842-3849.	3.1	325
298	Quantification of Hyphomicrobium Populations in Activated Sludge from an Industrial Wastewater Treatment System as Determined by 16S rRNA Analysis. Applied and Environmental Microbiology, 2000, 66, 1167-1174.	3.1	109
299	Rapid and specific detection of Helicobacter pylori macrolide resistance in gastric tissue by fluorescent in situ hybridisation. Gut, 2000, 46, 608-614.	12.1	126
300	Development of clade- (RoseobacterandAlteromonas) and taxon-specific oligonucleotide probes to study interactions between toxic dinoflagellates and their associated bacteria. European Journal of Phycology, 2000, 35, 315-329.	2.0	50
301	Transition from Anaerobic to Aerobic Growth Conditions for the Sulfate-Reducing Bacterium Desulfovibrio oxyclinae Results in Flocculation. Applied and Environmental Microbiology, 2000, 66, 5005-5012.	3.1	64
302	Comparison of Acid Mine Drainage Microbial Communities in Physically and Geochemically Distinct Ecosystems. Applied and Environmental Microbiology, 2000, 66, 4962-4971.	3.1	282
303	The Presence of Humic Substances and DNA in RNA Extracts Affects Hybridization Results. Applied and Environmental Microbiology, 2000, 66, 4547-4554.	3.1	50
304	Culturability and In Situ Abundance of Pelagic Bacteria from the North Sea. Applied and Environmental Microbiology, 2000, 66, 3044-3051.	3.1	577
305	Succession of Pelagic Marine Bacteria during Enrichment: a Close Look at Cultivation-Induced Shifts. Applied and Environmental Microbiology, 2000, 66, 4634-4640.	3.1	241
306	Quantitative Analysis of Small-Subunit rRNA Genes in Mixed Microbial Populations via 5′-Nuclease Assays. Applied and Environmental Microbiology, 2000, 66, 4605-4614.	3.1	1,020
307	Microbiological and Geochemical Characterization of Microbial Fe(III) Reduction in Salt Marsh Sediments. Geomicrobiology Journal, 2000, 17, 163-178.	2.0	72
308	Critical factors influencing the recovery and integrity of rRNA extracted from environmental samples: use of an optimized protocol to measure depth-related biomass distribution in freshwater sediments. Journal of Microbiological Methods, 2000, 40, 153-162.	1.6	34
309	Fluorescence in situ hybridization (FISH) for direct visualization of microorganisms. Journal of Microbiological Methods, 2000, 41, 85-112.	1.6	640
310	Widefield deconvolution epifluorescence microscopy combined with fluorescence in situ hybridization reveals the spatial arrangement of bacteria in sponge tissue. Journal of Microbiological Methods, 2000, 40, 125-134.	1.6	81

	CITATION R	EPORT	
#	Article	IF	CITATIONS
311	Oligonucleotide probe for the visualization of Escherichiacoli/Escherichia fergusonii cells by in situ hybridization:specificity and potential applications. Research in Microbiology, 2000, 151, 521-533.	2.1	69
312	In situ substrates for sulfidogens and methanogens in municipal anaerobic sewage digesters with different levels of sulfate. Water Research, 2000, 34, 1515-1524.	11.3	10
314	Quantification of Bacterial Groups within Human Fecal Flora by Oligonucleotide Probe Hybridization. Applied and Environmental Microbiology, 2000, 66, 2263-2266.	3.1	446
315	Bacterial Growth and Metabolism on Surfaces in the Large Intestine. Microbial Ecology in Health and Disease, 2000, 12, 64-72.	3.5	27
316	Monitoring Precursor 16S rRNAs of Acinetobacter spp. in Activated Sludge Wastewater Treatment Systems. Applied and Environmental Microbiology, 2000, 66, 2154-2165.	3.1	77
317	Characterizing Intrinsic Bioremediation in a Petroleum Hydrocarbon-Contaminated Aquifer by Combined Chemical, Isotopic, and Biological Analyses. Bioremediation Journal, 2000, 4, 359-371.	2.0	21
318	Extremely Halophilic Bacteria in Crystallizer Ponds from Solar Salterns. Applied and Environmental Microbiology, 2000, 66, 3052-3057.	3.1	294
319	The Secondary Endosymbiotic Bacterium of the Pea Aphid Acyrthosiphon pisum (Insecta: Homoptera). Applied and Environmental Microbiology, 2000, 66, 2748-2758.	3.1	196
320	Biodiversity of acidophilic prokaryotes. Advances in Applied Microbiology, 2001, 49, 37-84.	2.4	210
321	[18] Methods to detect and analyze phenotypic variation in biofilm-forming staphylococci. Methods in Enzymology, 2001, 336, 195-IN7.	1.0	13
322	Identification of Procaryotes. , 2001, , 33-38.		21
323	Nucleic Acid Probes and Their Application in Environmental Microbiology. , 2001, , 67-82.		18
324	Azospirillum doebereinerae sp. nov., a nitrogen-fixing bacterium associated with the C4-grass Miscanthus International Journal of Systematic and Evolutionary Microbiology, 2001, 51, 17-26.	1.7	196
325	Structure of Microbial Communities in Activated Sludge: Potential Implications for Assessing the Biodegradability of Chemicals. Ecotoxicology and Environmental Safety, 2001, 49, 40-53.	6.0	67
326	Design and Evaluation of 16S rRNA-Targeted Oligonucleotide Probes for Fluorescence In Situ Hybridization. , 2002, 179, 029-042.		116
327	Surgical stress shifts the intestinal Eschericia coli population to that of a more adherent phenotype: Role in barrier regulation. Surgery, 2001, 130, 65-73.	1.9	23
328	Enumeration of total and highly active bacteria. Methods in Microbiology, 2001, , 129-159.	0.8	45
329	Automated fluorescent in situ hybridization for the specific detection and quantification of oral streptococci in dental plaque. Journal of Microbiological Methods, 2001, 44, 39-47.	1.6	52

#	Article	IF	CITATIONS
330	A strategy for optimizing quality and quantity of DNA extracted from soil. Journal of Microbiological Methods, 2001, 45, 7-20.	1.6	260
331	Microbial community assessment in oil-impacted salt marsh sediment microcosms by traditional and nucleic acid-based indices. Journal of Microbiological Methods, 2001, 46, 37-49.	1.6	35
332	Identification by in situ hybridization of segmented filamentous bacteria in the intestine of diarrheic rainbow trout (Oncorhynchus mykiss). Research in Microbiology, 2001, 152, 67-73.	2.1	44
333	Direct detection of thermotolerant campylobacters in chicken products by PCR and in situ hybridization. Research in Microbiology, 2001, 152, 577-582.	2.1	45
334	Influence of long-term heavy-metal contamination on microbial communities in soil. Soil Biology and Biochemistry, 2001, 33, 287-295.	8.8	133
335	Influence of transient substrate overloads on the proliferation of filamentous bacterial populations in an activated sludge pilot plant. Water Research, 2001, 35, 129-134.	11.3	30
336	Comparison of Fluorescent In Situ Hybridization and Conventional Culturing for Detection of Helicobacter pylori in Gastric Biopsy Specimens. Journal of Clinical Microbiology, 2001, 39, 304-308.	3.9	66
337	Isolation of Novel Pelagic Bacteria from the German Bight and Their Seasonal Contributions to Surface Picoplankton. Applied and Environmental Microbiology, 2001, 67, 5134-5142.	3.1	238
338	Phylogenetic Diversity of Bacteria Associated with the Marine Sponge Rhopaloeides odorabile. Applied and Environmental Microbiology, 2001, 67, 434-444.	3.1	322
339	Observation and model analysis for the bacterial community structure of activated sludge. , 2001, , 3-12.		0
340	Fluorescence in situ hybridization (FISH) with rRNA-targeted oligonucleotide probes. Methods in Microbiology, 2001, , 207-226.	0.8	382
341	Establishment of cellulolytic bacteria and development of fermentative activities in the rumen of gnotobiotically-reared lambs receiving the microbial additive Saccharomyces cerevisiae CNCM I-1077. Reproduction, Nutrition, Development, 2001, 41, 57-68.	1.9	100
342	Quantification of bacterial populations in complex ecosystems using fluorescent in situ hybridization, confocal laser scanning microscopy and image analysis. Genetics Selection Evolution, 2001, 33, S307.	3.0	5
343	Detection of Enterococci in Freshwater and Seawater (16S and 23S rRNA Enterococcus) Tj ETQq1 1 0.784314 rg	BT /Overlo	ock 10 Tf 502
344	Visualization of microscale distribution of nitrifying bacteria in biofilms formed in various type wastewater treatment processes. , 2001, , 141-151.		0
345	Identification of predominant microbial populations in a non-phosphate removing anaerobic aerobic bioreactor fed with fermented products. , 2001, , 207-215.		2
346	Response of marine bacterial community composition to iron additions in three iron-limited regimes. Limnology and Oceanography, 2001, 46, 1535-1545.	3.1	44
347	[14] Analysis of microbial structure and function of nitrifying biofilms. Methods in Enzymology, 2001, 337, 213-IN3.	1.0	6

#	Article MOLECULAR MICROBIAL ECOLOGY OF ENHANCED BIOLOGICAL PHOSPHORUS REMOVAL IN AERATED-ANOXIC	IF 0.0	CITATIONS 3
349	ORBALâ,,¢ PROCESSES. Proceedings of the Water Environment Federation, 2001, 2001, 718-731. Colonization of aerobic biofilms by sulfateâ€reducing bacteria. Biofouling, 2001, 17, 275-288.	2.2	4
350	The culturable microbial community of the Great Barrier Reef sponge Rhopaloeides odorabile is dominated by an α-Proteobacterium. Marine Biology, 2001, 138, 843-851.	1.5	247
351	Changes in the Epilimnetic Bacterial Community Composition, Production, and Protist-Induced Mortality along the Longitudinal Axis of a Highly Eutrophic Reservoir. Microbial Ecology, 2001, 42, 359-371.	2.8	55
352	Design and performance of rRNA targeted oligonucleotide probes for in situ detection and phylogenetic identification of microorganisms inhabiting acid mine drainage environments. Microbial Ecology, 2001, 41, 149-161.	2.8	104
353	Role of predatory bacteria in the termination of a cyanobacterial bloom. Microbial Ecology, 2001, 41, 97-105.	2.8	150
354	Functional patterns and temperature response of cellulose-fermenting microbial cultures containing different methanogenic communities. Applied Microbiology and Biotechnology, 2001, 56, 212-219.	3.6	23
355	Pesticide effects on bacterial diversity in agricultural soils - a review. Biology and Fertility of Soils, 2001, 33, 443-453.	4.3	284
356	Characterization of intracellular bacteria in the freshwater dinoflagellatePeridinium cinctum. Protoplasma, 2001, 217, 177-184.	2,1	16
357	Application of flow cytometry for ecological monitoring of the rumen microbial ecosystem. Folia Microbiologica, 2001, 46, 53-55.	2.3	6
358	The effects of copper on the microbial community of a coral reef sponge. Environmental Microbiology, 2001, 3, 19-31.	3.8	95
359	Microbiological, molecular biological and stable isotopic evidence for nitrogen fixation in the open waters of Lake Michigan. Environmental Microbiology, 2001, 3, 205-219.	3.8	42
360	Linking the composition of bacterioplankton to rapid turnover of dissolved dimethylsulphoniopropionate in an algal bloom in the North Sea. Environmental Microbiology, 2001, 3, 304-311.	3.8	243
361	Functional and structural response of a cellulose-degrading methanogenic microbial community to multiple aeration stress at two different temperatures. Environmental Microbiology, 2001, 3, 355-362.	3.8	22
362	Development of specific oligonucleotide probes for the identification and in situ detection of hydrocarbon-degrading Alcanivorax strains. Environmental Microbiology, 2001, 3, 371-379.	3.8	88
363	Bacterial community associated with Pfiesteria-like dinoflagellate cultures. Environmental Microbiology, 2001, 3, 380-396.	3.8	142
364	Localization of processes involved in methanogenic degradation of rice straw in anoxic paddy soil. Environmental Microbiology, 2001, 3, 502-511.	3.8	34
365	Evidence for anaerobic syntrophic acetate oxidation during methane production in the profundal sediment of subtropical Lake Kinneret (Israel). Environmental Microbiology, 2001, 3, 460-470.	3.8	133

#	Article	IF	CITATIONS
366	Measuring mass transfer processes of octane with the help of an alkSalkB::gfp-tagged Escherichia coli. Environmental Microbiology, 2001, 3, 512-524.	3.8	45
367	Design and application of oligonucleotide probes for fluorescent in situ identification of the filamentous bacterial morphotype Nostocoida limicola in activated sludge. Environmental Microbiology, 2001, 3, 551-560.	3.8	40
368	Bioaugmentation of soils by increasing microbial richness: missing links. Environmental Microbiology, 2001, 3, 649-657.	3.8	158
369	Effect of the tropical forage calliandra on microbial protein synthesis and ecology in the rumen. Journal of Applied Microbiology, 2001, 90, 78-88.	3.1	113
370	Succession of microbial communities during a biostimulation process as evaluated by DGGE and clone library analyses. Journal of Applied Microbiology, 2001, 91, 625-635.	3.1	106
371	The identification of microorganisms by fluorescence in situ hybridisation. Current Opinion in Biotechnology, 2001, 12, 231-236.	6.6	325
372	Asking Probing Questions: Can Fluorescentin situ Hybridization Identify and Localise Aquatic Hyphomycetes on Leaf Litter?. International Review of Hydrobiology, 2001, 86, 429-438.	0.9	20
373	Bergey's Manual® of Systematic Bacteriology. , 2001, , .		417
374	Title is missing!. Biotechnology Letters, 2001, 23, 2005-2008.	2.2	16
375	Surface Plasmon Resonance Imaging Measurements of DNA and RNA Hybridization Adsorption onto DNA Microarrays. Analytical Chemistry, 2001, 73, 1-7.	6.5	653
376	Detection and Phylogenetic Analysis of Novel Crenarchaeote and Euryarchaeote 16S Ribosomal RNA Gene Sequences from a Great Barrier Reef Sponge. Marine Biotechnology, 2001, 3, 0600-0608.	2.4	73
377	Microbial community dynamics in Mediterranean nutrient-enriched seawater mesocosms: changes in abundances, activity and composition. FEMS Microbiology Ecology, 2001, 34, 255-266.	2.7	78
378	An aphid-borne bacterium allied to the secondary symbionts of whitefly. FEMS Microbiology Ecology, 2001, 36, 43-50.	2.7	86
379	Evidence for the presence of thermophilic Fe(III)-reducing microorganisms in deep-sea hydrothermal vents at 13Ã,°N (East Pacific Rise). FEMS Microbiology Ecology, 2001, 36, 235-243.	2.7	61
380	Ribosomal RNA content in microcolony forming soil bacteria measured by quantitative 16S rRNA hybridization and image analysis. FEMS Microbiology Ecology, 2001, 37, 231-237.	2.7	20
381	Methanogenic populations involved in the degradation of rice straw in anoxic paddy soil. FEMS Microbiology Ecology, 2001, 38, 11-20.	2.7	63
382	Tracing toluene-assimilating sulfate-reducing bacteria using 13C-incorporation in fatty acids and whole-cell hybridization. FEMS Microbiology Ecology, 2001, 38, 123-131.	2.7	43
383	FISH Probes for the Detection of the Parasitic Dinoflagellate Amoebophrya sp. Infecting the Dinoflagellate Akashiwo sanguinea in Chesapeake Bay. Journal of Eukaryotic Microbiology, 2001, 48, 670-675.	1.7	9

		CITATION REPORT		
#	Article		IF	CITATIONS
384	Archaeal dominance in the mesopelagic zone of the Pacific Ocean. Nature, 2001, 409, 507-51	.0.	27.8	1,373
385	Fusobacterium prausnitzii and Related Species Represent a Dominant Group Within the Huma Flora. Systematic and Applied Microbiology, 2001, 24, 139-145.	an Fecal	2.8	171
386	Development of 18S rRNA-targeted Oligonucleotide Probes for Specific Detection of Hartmar Naegleria in Legionella – positive Environmental Samples. Systematic and Applied Microbiol 24, 76-82.	inella and ogy, 2001,	2.8	34
387	Aeration Conditions Affecting Growth of Purple Nonsulfur Bacteria in an Organic Wastewater Treatment Process. Systematic and Applied Microbiology, 2001, 24, 294-302.		2.8	43
388	Structure and Functional Analysis of the Microbial Community in an Aerobic: Anaerobic Seque Batch Reactor (SBR) with no Phosphorus Removal. Systematic and Applied Microbiology, 200 597-609.	ncing 1, 24,	2.8	52
389	Unusual bacterioplankton community structure in ultraâ€oligotrophic Crater Lake. Limnology Oceanography, 2001, 46, 557-572.	and	3.1	221
390	[2] Monitoring bacterial growth activity in biofilms from laboratory flow chambers, plant rhizosphere, and animal intestine. Methods in Enzymology, 2001, 337, 21-42.		1.0	17
391	Bacterial Populations Colonizing and Degrading Rice Straw in Anoxic Paddy Soil. Applied and Environmental Microbiology, 2001, 67, 1318-1327.		3.1	156
392	Quantitative Molecular Analysis of the Microbial Community in Marine Arctic Sediments (Sval Applied and Environmental Microbiology, 2001, 67, 387-395.	bard).	3.1	207
393	Influence of Tomato Genotype on Growth of Inoculated and Indigenous Bacteria in the Sperm Applied and Environmental Microbiology, 2001, 67, 514-520.	osphere.	3.1	55
394	Successional Changes in an Evolving Anaerobic Chlorophenol-Degrading Community Used To Relationships between Population Structure and System-Level Processes. Applied and Environ Microbiology, 2001, 67, 5705-5714.	Infer mental	3.1	17
395	Attached and Unattached Microbial Communities in a Simulated Basalt Aquifer under Fracture Porous-Flow Conditions. Applied and Environmental Microbiology, 2001, 67, 2799-2809.	e- and	3.1	120
396	Predator-Specific Enrichment of Actinobacteria from a Cosmopolitan Freshwater Clade in Mix Continuous Culture. Applied and Environmental Microbiology, 2001, 67, 2145-2155.	ed	3.1	125
397	Characterization of a Novel Spirochete Associated with the Hydrothermal Vent Polychaete An Alvinella pompejana. Applied and Environmental Microbiology, 2001, 67, 110-117.	nelid,	3.1	53
398	Comparative Study of Bacterial Groups within the Human Cecal and Fecal Microbiota. Applied Environmental Microbiology, 2001, 67, 4939-4942.	and	3.1	315
399	Comparison of Cellular and Biomass Specific Activities of Dominant Bacterioplankton Groups Stratified Waters of the Celtic Sea. Applied and Environmental Microbiology, 2001, 67, 5210-	in 5218.	3.1	191
400	α- and β- Proteobacteria Control the Consumption and Release of Amino Acids on Lake Snow Applied and Environmental Microbiology, 2001, 67, 632-645.	/ Aggregates.	3.1	151
401	Direct Detection by In Situ PCR of the amoA Gene in Biofilm Resulting from a Nitrogen Remov Process. Applied and Environmental Microbiology, 2001, 67, 5261-5266.	ral	3.1	53

#	Article	IF	CITATIONS
402	Detection and Enumeration of Methanotrophs in Acidic Sphagnum Peat by 16S rRNA Fluorescence In Situ Hybridization, Including the Use of Newly Developed Oligonucleotide Probes for Methylocella palustris. Applied and Environmental Microbiology, 2001, 67, 4850-4857.	3.1	141
403	In Situ Accessibility of Escherichia coli 23S rRNA to Fluorescently Labeled Oligonucleotide Probes. Applied and Environmental Microbiology, 2001, 67, 961-968.	3.1	99
404	Seasonal and Spatial Variability in Lake Michigan Sediment Small-Subunit rRNA Concentrations. Applied and Environmental Microbiology, 2001, 67, 3908-3922.	3.1	35
405	Specific Detection of Pasteurella multocida in Chickens with Fowl Cholera and in Pig Lung Tissues Using Fluorescent rRNA In Situ Hybridization. Journal of Clinical Microbiology, 2001, 39, 2627-2633.	3.9	21
406	[17] Two-photon excitation microscopy for analyses of biofilm processes. Methods in Enzymology, 2001, 337, 259-269.	1.0	9
407	Molecular Analysis of Intestinal Microbiota Composition to Evaluate the Effect of PEG and Lactulose Laxatives in Humans. Microbial Ecology in Health and Disease, 2002, 14, 54-62.	3.5	10
408	Identification of DNA-Synthesizing Bacterial Cells in Coastal North Sea Plankton. Applied and Environmental Microbiology, 2002, 68, 5728-5736.	3.1	96
409	Successional Development of Sulfate-Reducing Bacterial Populations and Their Activities in a Wastewater Biofilm Growing under Microaerophilic Conditions. Applied and Environmental Microbiology, 2002, 68, 1392-1402.	3.1	98
410	Development and Characterization of Murine Monoclonal Antibodies Specific for Dissimilatoric Copper Nitrite Reductase. Hybridoma, 2002, 21, 351-357.	0.4	7
411	Influence of Different Cultivars on Populations of Ammonia-Oxidizing Bacteria in the Root Environment of Rice. Applied and Environmental Microbiology, 2002, 68, 3067-3075.	3.1	152
412	Changes in freshwater bacterial community composition during measurements of microbial and community respiration. Journal of Plankton Research, 2002, 24, 1197-1206.	1.8	64
413	Intestinal microflora of human infants and current trends for its nutritional modulation. British Journal of Nutrition, 2002, 87, 405-420.	2.3	150
414	Members of the Family Comamonadaceae as Primary Poly(3-Hydroxybutyrate-co-3-Hydroxyvalerate)-Degrading Denitrifiers in Activated Sludge as Revealed by a Polyphasic Approach. Applied and Environmental Microbiology, 2002, 68, 3206-3214.	3.1	205
415	Internal Spatiotemporal Population Dynamics of Infection with Three Wolbachia Strains in the Adzuki Bean Beetle, Callosobruchus chinensis (Coleoptera: Bruchidae). Applied and Environmental Microbiology, 2002, 68, 4074-4080.	3.1	81
416	Are There Naturally Occurring Pleomorphic Bacteria in the Blood of Healthy Humans?. Journal of Clinical Microbiology, 2002, 40, 4771-4775.	3.9	108
417	Coexistence of Multiple Proteobacterial Endosymbionts in the Gills of the Wood-Boring Bivalve <i>Lyrodus pedicellatus</i> (Bivalvia: Teredinidae). Applied and Environmental Microbiology, 2002, 68, 6292-6299.	3.1	79
418	PROMOTION OF SELECTIVE GROWTH OF PURPLE NONSULFUR BACTERIA ON A WASTEWATER TREATMENT AND SIMULTANEOUS MATERIAL PRODUCTION. Doboku Gakkai Ronbunshu, 2002, 2002, 23-31.	0.2	0
419	The Role of Molecular Methods in Evaluating Biological Treatment Processes. Water Environment Research, 2002, 74, 421-427.	2.7	10

#	Article	IF	CITATIONS
420	Microbial Community Structure and Activity in a Compartmentalized, Anaerobic Bioreactor. Water Environment Research, 2002, 74, 450-461.	2.7	31
421	The Activated Sludge Biomolecular Database. Water Environment Research, 2002, 74, 480-487.	2.7	7
422	Microbiology of Enhanced Biological Phosphorus Removal in Aerated-Anoxic Orbal Processes. Water Environment Research, 2002, 74, 428-436.	2.7	28
423	Comparison of Fluorescently Labeled Oligonucleotide and Polynucleotide Probes for the Detection of Pelagic Marine Bacteria and Archaea. Applied and Environmental Microbiology, 2002, 68, 661-667.	3.1	189
424	Influence of a ProbioticEnterococcus FaeciumStrain on Selected Bacterial Groups in the Small Intestine of Growing Turkey Poults. Archiv Fur Tierernahrung, 2002, 56, 419-429.	0.3	23
425	Evidence for a Dynamic Cycle between Mn and Co in the Water Column of a Stratified Lake. Environmental Science & Technology, 2002, 36, 468-476.	10.0	44
426	Imaging of RNA in Bacteria with Self-Ligating Quenched Probes. Journal of the American Chemical Society, 2002, 124, 9686-9687.	13.7	130
427	Phylogenetic Characterization of Microbial Communities That Reductively Dechlorinate TCE Based upon a Combination of Molecular Techniques. Environmental Science & Technology, 2002, 36, 2652-2662.	10.0	165
428	Activity and Diversity of Sulfate-Reducing Bacteria in a Petroleum Hydrocarbon-Contaminated Aquifer. Applied and Environmental Microbiology, 2002, 68, 1516-1523.	3.1	159
429	Variation in human intestinal microbiota with age. Digestive and Liver Disease, 2002, 34, S12-S18.	0.9	203
430	Molecular biological methods for studying the gut microbiota: the EU human gut flora project. British Journal of Nutrition, 2002, 87, S203-S211.	2.3	136
431	Clinical Aspects and Pathophysiology of Inflammatory Bowel Disease. Clinical Microbiology Reviews, 2002, 15, 79-94.	13.6	465
432	In situidentification and localization of bacteria associated withGyrodinium instriatum(Gymnodiniales, Dinophyceae) by electron and confocal microscopy. European Journal of Phycology, 2002, 37, 523-530.	2.0	36
433	Fluorescence In Situ Hybridization and Catalyzed Reporter Deposition for the Identification of Marine Bacteria. Applied and Environmental Microbiology, 2002, 68, 3094-3101.	3.1	943
434	Involvement of Rhodocyclus-Related Organisms in Phosphorus Removal in Full-Scale Wastewater Treatment Plants. Applied and Environmental Microbiology, 2002, 68, 2763-2769.	3.1	197
435	Detecting structural and functional differences in activated sludge bacterial communities originating from laboratory treatment of elementally and totally chlorine-free bleaching effluents. Canadian Journal of Microbiology, 2002, 48, 245-255.	1.7	10
436	Monitoring ofBacillus thermodenitrificansOHT-1 in compost by whole cell hybridization. Canadian Journal of Microbiology, 2002, 48, 848-852.	1.7	7
437	Characterization of denitrifying phosphate-accumulating organisms cultivated under different electron acceptor conditions using polymerase chain reaction-denaturing gradient gel electrophoresis assay. Water Research, 2002, 36, 403-412.	11.3	136

#	Article	IF	CITATIONS
438	Microbial community analysis of thermophilic contact oxidation process by using ribosomal RNA approaches and the quinone profile method. Water Research, 2002, 36, 429-438.	11.3	61
439	Distribution and activity of ammonia oxidizing bacteria in a large full-scale trickling filter. Water Research, 2002, 36, 1439-1448.	11.3	54
440	Hydrogeochemical controls on the organic matter and bacterial ecology of a small freshwater wetland in the New Jersey Pine Barrens. Water Research, 2002, 36, 2561-2570.	11.3	19
441	Methanogenic population dynamics during startup of a full-scale anaerobic sequencing batch reactor treating swine waste. Water Research, 2002, 36, 4648-4654.	11.3	221
442	Rapid turnover of dissolved DMS and DMSP by defined bacterioplankton communities in the stratified euphotic zone of the North Sea. Deep-Sea Research Part II: Topical Studies in Oceanography, 2002, 49, 3017-3038.	1.4	124
443	Detection and enumeration of coliforms in drinking water: current methods and emerging approaches. Journal of Microbiological Methods, 2002, 49, 31-54.	1.6	511
444	Investigation of lotic microbial aggregates by a combined technique of fluorescent in situ hybridization and lectin-binding-analysis. Journal of Microbiological Methods, 2002, 49, 75-87.	1.6	73
445	A filtration, incubation and staining reactor including a new protocol for FISH. Journal of Microbiological Methods, 2002, 50, 97-100.	1.6	12
446	A method for the detection and quantification of bacteria in human carious dentine using fluorescent in situ hybridisation. Journal of Dentistry, 2002, 30, 359-363.	4.1	36
447	The influence of calcium on granular sludge in a full-scale UASB treating paper mill wastewater. Water Science and Technology, 2002, 45, 187-193.	2.5	50
448	Go or no go for gel entrapped nitrifiers? A Belgian case study. Water Science and Technology, 2002, 46, 465-471.	2.5	6
449	Community analysis of nitrifying bacteria in an advanced and compact Gappei-Johkasou by FISH and PCR-DGGE. Water Science and Technology, 2002, 46, 105-111.	2.5	23
450	Presence of Rhodocyclus in a full-scale wastewater treatment plant and their participation in enhanced biological phosphorus removal. Water Science and Technology, 2002, 46, 123-128.	2.5	43
451	Quantifying the impact of wastewater micronutrient composition on in situ growth activity of Acinetobacter spp Water Science and Technology, 2002, 46, 443-447.	2.5	13
452	DNA Microchip Based Microbial Monitoring of Environmental Systems. , 0, , .		0
453	In situ examination of microbial populations in a model drinking water distribution system. Water Science and Technology: Water Supply, 2002, 2, 283-288.	2.1	7
454	Microbial structure of the sediment-water interface in reservoirs. Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 2002, 28, 624-627.	0.1	0
455	Comparison of the Multi-well Filtration ELISA, MPN and FISH Methods for Quantifying Ammonia Oxidizing bacteria in Activated Sludge Japanese Journal of Water Treatment Biology, 2002, 38, 79-86.	0.1	0

#	Article	IF	CITATIONS
456	The diversity of microorganisms associated with Acromyrmex leafcutter ants. BMC Evolutionary Biology, 2002, 2, 9.	3.2	50
457	Persistence and Functional Impact of a Microbial Inoculant on Native Microbial Community Structure, Nutrient Digestion and Fermentation Characteristics in a Rumen Model. Systematic and Applied Microbiology, 2002, 25, 416-422.	2.8	6
458	Influence of nonylphenol on the microbial community of lake sediments in microcosms. Science of the Total Environment, 2002, 285, 3-10.	8.0	28
459	In situ identification of microorganisms in biofilm communities. Journal of Bioscience and Bioengineering, 2002, 94, 552-556.	2.2	24
460	Enrichment of Autotrophic Anaerobic Ammonium-Oxidizing Consortia from Various Wastewaters. Microbial Ecology, 2002, 43, 154-167.	2.8	74
461	Presence of Anaerobic Bacteroides in Aerobically Grown Microbial Granules. Microbial Ecology, 2002, 44, 278-285.	2.8	98
462	Bacillus naphthovorans sp. nov. from oil-contaminated tropical marine sediments and its role in naphthalene biodegradation. Applied Microbiology and Biotechnology, 2002, 58, 547-554.	3.6	62
463	Assessment of effluent turbidity in mesophilic and thermophilic activated sludge reactors - origin of effluent colloidal material. Applied Microbiology and Biotechnology, 2002, 59, 105-111.	3.6	23
464	Microbial community changes during organic solid waste treatment analyzed by double gradient-denaturing gradient gel electrophoresis and fluorescence in situ hybridization. Applied Microbiology and Biotechnology, 2002, 60, 224-231.	3.6	68
465	In situ assessment of active Thiobacillus species in corroding concrete sewers using fluorescent RNA probes. International Biodeterioration and Biodegradation, 2002, 49, 271-276.	3.9	59
466	Oligonucleotide probe for detecting Enterobacteriaceae byin situhybridization. Journal of Applied Microbiology, 2002, 93, 60-68.	3.1	54
467	In situ characterization of nitrifiers in an activated sludge plant: detection of Nitrobacter Spp Journal of Applied Microbiology, 2002, 93, 431-437.	3.1	67
468	Specific layers in aerobically grown microbial granules. Letters in Applied Microbiology, 2002, 34, 254-257.	2.2	114
469	Influence of co-substrates on structure of microbial aggregates in long-chain fatty acid-fed anaerobic digesters. Letters in Applied Microbiology, 2002, 35, 190-194.	2.2	10
470	Identification of marine algicidal Flavobacterium sp. 5 N-3 using multiple probes and whole-cell hybridization. Fisheries Science, 2002, 68, 713-720.	1.6	18
471	Isolation of small-subunit rRNA for stable isotopic characterization. Environmental Microbiology, 2002, 4, 451-464.	3.8	54
472	Label-free detection of 16S ribosomal RNA hybridization on reusable DNA arrays using surface plasmon resonance imaging. Environmental Microbiology, 2002, 4, 735-743.	3.8	52
473	Fluorescence in situ hybridization of 16S rRNA gene clones (Clone-FISH) for probe validation and screening of clone libraries. Environmental Microbiology, 2002, 4, 713-720.	3.8	113

	CHATION N		
#	ARTICLE	IF	Citations
474	New molecular methods to study gene functions inCandidainfections. Mycoses, 2002, 45, 345-350.	4.0	7
475	Cultivation of the ubiquitous SAR11 marine bacterioplankton clade. Nature, 2002, 418, 630-633.	27.8	871
476	SAR11 clade dominates ocean surface bacterioplankton communities. Nature, 2002, 420, 806-810.	27.8	1,005
477	Molecular characterization of microbial community in nitrate-removing activated sludge. FEMS Microbiology Ecology, 2002, 41, 85-94.	2.7	40
478	Field-scale 13C-labeling of phospholipid fatty acids (PLFA) and dissolved inorganic carbon: tracing acetate assimilation and mineralization in a petroleum hydrocarbon-contaminated aquifer. FEMS Microbiology Ecology, 2002, 41, 259-267.	2.7	50
479	Sulfate-reducing bacterial community response to carbon source amendments in contaminated aquifer microcosms. FEMS Microbiology Ecology, 2002, 42, 109-118.	2.7	60
480	Strong, weak, and missing links in a microbial community of the N.W. Mediterranean Sea. FEMS Microbiology Ecology, 2002, 42, 451-462.	2.7	53
481	Contribution of molecular microbiology to the study in water pollution removal of microbial community dynamics. Reviews in Environmental Science and Biotechnology, 2002, 1, 39-49.	8.1	29
482	Molecular and functional diversity in soil micro-organisms. Plant and Soil, 2002, 244, 9-17.	3.7	120
483	Optical and spectroscopic methods for biofilm examination and monitoring. Reviews in Environmental Science and Biotechnology, 2002, 1, 227-251.	8.1	70
484	Microbial activity in soils following steam treatment. Biodegradation, 2002, 13, 285-295.	3.0	31
485	Methanotrophic Bacteria of Acidic Sphagnum Peat Bogs. Microbiology, 2002, 71, 638-650.	1.2	54
486	Histological investigation of organisms with hard skeletons: a case study of siliceous sponges. Biotechnic and Histochemistry, 2003, 78, 191-199.	1.3	19
487	Title is missing!. Biogeochemistry, 2003, 64, 179-203.	3.5	105
488	Molecular detection and direct enumeration of methanogenic Archaea and methanotrophic Bacteria in domestic solid waste landfill soils. Biotechnology Letters, 2003, 25, 1563-1569.	2.2	37
489	Chemical and Microbiological in situ Characterization of Benthic Communities in Sediments with Different Contamination Levels. Journal of Soils and Sediments, 2003, 3, 188-196.	3.0	19
490	Title is missing!. Plant and Soil, 2003, 250, 335-348.	3.7	100
491	COMBINATION OF MICROAUTORADIOGRAPHY AND FLUORESCENCE IN SITU HYBRIDIZATION FOR IDENTIFICATION OF MICROORGANISMS DEGRADING XENOBIOTIC CONTAMINANTS. Environmental Toxicology and Chemistry, 2003, 22, 2840.	4.3	7

#	Article	IF	CITATIONS
492	In Situ Identification by Fluorescently Labeled Oligonucleotide Probes of Morphologically Similar, Closely Related Ciliate Species. Microbial Ecology, 2003, 45, 156-162.	2.8	31
493	Microbial Composition and Structure of a Rotating Biological Contactor Biofilm Treating Ammonium-Rich Wastewater without Organic Carbon. Microbial Ecology, 2003, 45, 419-432.	2.8	137
494	Archaeal nucleic acids in picoplankton from great lakes on three continents. Microbial Ecology, 2003, 46, 238-248.	2.8	101
495	Sulfate-reducing bacterial community structure and their contribution to carbon mineralization in a wastewater biofilm growing under microaerophilic conditions. Applied Microbiology and Biotechnology, 2003, 63, 322-334.	3.6	50
496	Methanogen population in a marine biofilm corrosive to mild steel. Applied Microbiology and Biotechnology, 2003, 63, 101-106.	3.6	83
497	Methodologies for the characterization of microbes in industrial environments: a review. Journal of Industrial Microbiology and Biotechnology, 2003, 30, 327-356.	3.0	100
498	Nitrogen removal characteristics and biofilm analysis of a membrane-aerated biofilm reactor applicable to high-strength nitrogenous wastewater treatment. Journal of Bioscience and Bioengineering, 2003, 95, 170-178.	2.2	191
499	Enumeration of Bacteroides Species in Human Faeces by Fluorescent in situ Hybridisation Combined with Flow Cytometry Using 16S rRNA Probes. Systematic and Applied Microbiology, 2003, 26, 110-118.	2.8	88
500	Long-term Population Dynamics and in situ Physiology in Activated Sludge Systems with Enhanced Biological Phosphorus Removal Operated with and without Nitrogen Removal. Systematic and Applied Microbiology, 2003, 26, 211-227.	2.8	50
501	Detection of Ingested Bacteria in Benthic Ciliates Using Fluorescence In Situ Hybridization. Systematic and Applied Microbiology, 2003, 26, 624-630.	2.8	14
502	Identification of the ectosymbiotic bacteria of Mixotricha paradoxa involved in movement symbiosis. European Journal of Protistology, 2003, 39, 11-23.	1.5	79
503	Molecular diversity of mesophilic and thermophilic bacteria in a membrane bioreactor determined by fluorescent in situ hybridization with mxaF- and rRNA-targeted probes. Journal of Basic Microbiology, 2003, 43, 202-209.	3.3	3
504	Model-based analysis of anaerobic acetate uptake by a mixed culture of polyphosphate-accumulating and glycogen-accumulating organisms. Biotechnology and Bioengineering, 2003, 83, 293-302.	3.3	53
505	Isolation of methane oxidising bacteria from soil by use of a soil substrate membrane system. FEMS Microbiology Ecology, 2003, 44, 347-354.	2.7	57
506	Use of 16S rRNA-targeted oligonucleotide probes to investigate function and phylogeny of sulphate-reducing bacteria and methanogenic archaea in a UK estuary. FEMS Microbiology Ecology, 2003, 44, 361-371.	2.7	48
507	Microbial diversity and functional characterization of sediments from reservoirs of different trophic state. FEMS Microbiology Ecology, 2003, 46, 331-347.	2.7	143
508	Development of specific fluorescent oligonucleotide probes for in situ identification of wine lactic acid bacteria. FEMS Microbiology Letters, 2003, 225, 115-123.	1.8	88
509	Nucleic acid-based, cultivation-independent detection ofListeriaspp. and genotypes ofL. monocytogenes. FEMS Immunology and Medical Microbiology, 2003, 35, 215-225.	2.7	54

#	Article	IF	CITATIONS
510	Seven-hour fluorescence in situ hybridization technique for enumeration of Enterobacteriaceae in food and environmental water sample. Journal of Applied Microbiology, 2003, 95, 1182-1190.	3.1	36
511	A quantitative method for measuring the mass concentration of the filamentous bacterium Type 021N in activated sludge using fluorescence in situ hybridization. Letters in Applied Microbiology, 2003, 37, 100-104.	2.2	3
512	Microbial community and physicochemical analysis of an industrial waste gas biofilter and design of 16S rRNA-targeting oligonucleotide probes. Environmental Microbiology, 2003, 5, 183-201.	3.8	63
513	Microbial community dynamics during start-up operation of flowerpot-using fed-batch reactors for composting of household biowaste. Environmental Microbiology, 2003, 5, 765-776.	3.8	41
514	Acidovorax-like symbionts in the nephridia of earthworms. Environmental Microbiology, 2003, 5, 804-809.	3.8	63
515	Detection and phylogenetic analysis of Wolbachia in Collembola. Environmental Microbiology, 2003, 6, 35-44.	3.8	86
516	In situ distribution and activity of nitrifying bacteria in freshwater sediment. Environmental Microbiology, 2003, 5, 798-803.	3.8	117
517	Spatio-temporal distribution of phototrophic sulfur bacteria in the chemocline of meromictic Lake Cadagno (Switzerland). FEMS Microbiology Ecology, 2003, 43, 89-98.	2.7	59
518	Differential detection of type II methanotrophic bacteria in acidic peatlands using newly developed 16S rRNA-targeted fluorescent oligonucleotide probes. FEMS Microbiology Ecology, 2003, 43, 299-308.	2.7	80
519	Effects of nitrate- and sulfate-amendment on the methanogenic populations in rice root incubations. FEMS Microbiology Ecology, 2003, 43, 309-315.	2.7	51
520	A distinctive epibiotic bacterial community on the soft coral Dendronephthya sp. and antibacterial activity of coral tissue extracts suggest a chemical mechanism against bacterial epibiosis. FEMS Microbiology Ecology, 2003, 43, 337-347.	2.7	109
521	Simultaneous nitrification and denitrification by controlling vertical and horizontal microenvironment in a membrane-aerated biofilm reactor. Journal of Biotechnology, 2003, 100, 23-32.	3.8	188
522	In situ PCR for visualizing distribution of a functional gene "amoA―in a biofilm regardless of activity. Journal of Biotechnology, 2003, 105, 33-40.	3.8	7
523	Staphylococcus equorum subsp. linens, subsp. nov., A Starter Culture Component for Surface Ripened Semi-Hard Cheeses. Systematic and Applied Microbiology, 2003, 26, 30-37.	2.8	98
524	Community Analysis of Ammonia and Nitrite Oxidizers during Start-Up of Nitritation Reactors. Applied and Environmental Microbiology, 2003, 69, 3213-3222.	3.1	122
525	Characterization of nitrifying granules produced in an aerobic upflow fluidized bed reactor. Water Research, 2003, 37, 4965-4973.	11.3	166
526	Anaerobic Metabolism: Linkages to Trace Gases and Aerobic Processes. , 2003, , 317-424.		133
527	Nitrification efficiency and nitrifying bacteria abundance in combined AS-RBC and A2O systems. Water Research, 2003, 37, 2281-2290.	11.3	89

#	Article	IF	CITATIONS
528	Dynamic response of nitrifying activated sludge batch culture to increased chloride concentration. Water Research, 2003, 37, 3125-3135.	11.3	76
529	Effect of Carnobacterium piscicola on aroma formation in sausage mince. Meat Science, 2003, 63, 423-426.	5.5	21
530	Development of an adhesive sheet for direct counting of bacteria on solid surfaces. Journal of Microbiological Methods, 2003, 53, 405-410.	1.6	29
531	Detection methods for the expression of the dissimilatory copper-containing nitrite reductase gene (DnirK) in environmental samples. Journal of Microbiological Methods, 2003, 55, 41-50.	1.6	27
532	Development and use of fluorescent 16S rRNA-targeted probes for the specific detection of Methylophaga species by in situ hybridization inÂmarine sediments. Research in Microbiology, 2003, 154, 483-490.	2.1	17
534	Activity, Distribution, and Diversity of Sulfate Reducers and Other Bacteria in Sediments above Gas Hydrate (Cascadia Margin, Oregon). Geomicrobiology Journal, 2003, 20, 269-294.	2.0	254
535	Specific Detection of Arcobacter and Campylobacter Strains in Water and Sewage by PCR and Fluorescent In Situ Hybridization. Applied and Environmental Microbiology, 2003, 69, 1181-1186.	3.1	121
536	Hydrogenotrophic Methanogenesis by Moderately Acid-Tolerant Methanogens of a Methane-Emitting Acidic Peat. Applied and Environmental Microbiology, 2003, 69, 74-83.	3.1	251
537	In Situ Analysis of Structure and Activity of the Nitrifying Community in Biofilms, Aggregates, and Sediments. Geomicrobiology Journal, 2003, 20, 313-333.	2.0	47
538	Seven novel species of Acinetobacter isolated from activated sludge. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 953-963.	1.7	185
539	Morphological and Phylogenetic Characterizations of Freshwater Thioploca Species from Lake Biwa, Japan, and Lake Constance, Germany. Applied and Environmental Microbiology, 2003, 69, 390-398.	3.1	36
540	Analysis of the Sulfate-Reducing Bacterial and Methanogenic Archaeal Populations in Contrasting Antarctic Sediments. Applied and Environmental Microbiology, 2003, 69, 3181-3191.	3.1	144
541	Quantitative Assessment of Picoeukaryotes in the Natural Environment by Using Taxon-Specific Oligonucleotide Probes in Association with Tyramide Signal Amplification-Fluorescence In Situ Hybridization and Flow Cytometry. Applied and Environmental Microbiology, 2003, 69, 5519-5529.	3.1	113
542	Automated Enumeration of Groups of Marine Picoplankton after Fluorescence In Situ Hybridization. Applied and Environmental Microbiology, 2003, 69, 2631-2637.	3.1	94
543	In Situ Identification of Intracellular Bacteria Related to Paenibacillus spp. in the Mycelium of the Ectomycorrhizal Fungus Laccaria bicolor S238N. Applied and Environmental Microbiology, 2003, 69, 4243-4248.	3.1	132
544	Bacteria Associated with Cysts of the Soybean Cyst Nematode (Heterodera glycines). Applied and Environmental Microbiology, 2003, 69, 607-615.	3.1	82
545	Molecular Characterization of Community Structures and Sulfur Metabolism within Microbial Streamers in Japanese Hot Springs. Applied and Environmental Microbiology, 2003, 69, 7044-7057.	3.1	57
546	In Situ Accessibility of Small-Subunit rRNA of Members of the Domains Bacteria , Archaea , and Eucarya to Cy3-Labeled Oligonucleotide Probes. Applied and Environmental Microbiology, 2003, 69, 1748-1758.	3.1	152

	CITA	tion Report	
#	Article	IF	CITATIONS
547	Protocol for Rapid Fluorescence In Situ Hybridization of Bacteria in Cryosections of Microarthropods. Applied and Environmental Microbiology, 2003, 69, 2875-2878.	3.1	26
548	Composition of microbiota in content and mucus from cecae of broiler chickens as measured by fluorescent in situ hybridization with group-specific, 16S rRNA-targeted oligonucleotide probes. Poultry Science, 2003, 82, 1242-1249.	3.4	71
549	Cultivation ofTropheryma whippleifrom Cerebrospinal Fluid. Journal of Infectious Diseases, 2003, 188, 801-808.	4.0	49
550	Optimization Strategies for DNA Microarray-Based Detection of Bacteria with 16S rRNA-Targeting Oligonucleotide Probes. Applied and Environmental Microbiology, 2003, 69, 1397-1407.	3.1	179
551	Chemolithoorganotrophic Growth of <i>Nitrosomonas europaea</i> on Fructose. Journal of Bacteriology, 2003, 185, 6809-6814.	2.2	96
552	Molecular Analysis of Microbial Communities in Nitrification and Denitrification Reactors Treating High Ammonia Leachate. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2003, 38, 1997-2007.	1.7	9
553	Identification of Streptococcus sanguinis with a PCR-Generated Species-Specific DNA Probe. Journal of Clinical Microbiology, 2003, 41, 3481-3486.	3.9	5
554	Is the In Situ Accessibility of the 16S rRNA of Escherichia coli for Cy3-Labeled Oligonucleotide Probes Predicted by a Three-Dimensional Structure Model of the 30S Ribosomal Subunit?. Applied and Environmental Microbiology, 2003, 69, 4935-4941.	3.1	73
555	Detection of the Free-Living Forms of Sulfide-Oxidizing Gill Endosymbionts in the Lucinid Habitat () Tj ET	Qq0 0 0 rgBT/Overl	ock 10 Tf 50
556	Limitations of the widely used GAM42a and BET42a probes targeting bacteria in the Gammaproteobacteria radiation. Microbiology (United Kingdom), 2003, 149, 1239-1247.	1.8	39
557	Bacterial populations of the floodplain of a South Carolina (USA) stream: A comparison of two species. Archiv Für Hydrobiologie, 2003, 156, 255-270.	1.1	4
558	Supplementation of barley straw withSesbania pachycarpaleavesin vitro: effects on fermentation variables and rumen microbial population structure quantified by ribosomal RNA-targeted probes. British Journal of Nutrition, 2003, 89, 445-453.	2.3	53
559	Abundance and distribution of planktonic <i>Archaea</i> and <i>Bacteria</i> in the waters west of the Antarctic Peninsula. Limnology and Oceanography, 2003, 48, 1893-1902.	3.1	228
560	Composition and dynamics of particle-associated and free-living bacterial communities in the Weser estuary, Germany. Aquatic Microbial Ecology, 2003, 30, 221-237.	1.8	131
561	Development of technique that detect to thermophilic bacteria in compost applied the FISH method. Journal of Environmental Conservation Engineering, 2003, 32, 976-985.	0.1	3
562	Evolution of the bacterial community during granules formation in denitrifying reactors followed by molecular, culture-independent techniques. Water Science and Technology, 2003, 48, 75-79.	2.5	17
563	Performance and microbial dynamics in the coarse pore filtration activated sludge process at different SRTs (solids retention times). Water Science and Technology, 2003, 47, 73-80.	2.5	4
FCA	Improved Detection of Salmonella spp. in Foods by Fluorescent In Situ Hybridization with 23S rRNA		10

723-731.

#	Article	IF	CITATIONS
565	Microbial community evaluation of anaerobic granular sludge from a hybrid reactor treating pentachlorophenol by using fluorescence in situ hybridization. Water Science and Technology, 2003, 48, 65-73.	2.5	11
566	Genetic fingerprinting and phylogenetic diversity of Staphylococcus aureus isolates from Nigeria. African Journal of Biotechnology, 2003, 2, 246-250.	0.6	17
567	Molecular ecology of anaerobic granular sludge grown at different conditions. Water Science and Technology, 2003, 48, 57-64.	2.5	72
568	Monitoring and characterisation of bacteria in corroding district heating systems using fluorescence in situ hybridisation and microautoradiography. Water Science and Technology, 2003, 47, 117-122.	2.5	20
569	Effects of a Controlled Diet and Black Tea Drinking on the Fecal Microflora Composition and the Fecal Bile Acid Profile of Human Volunteers in a Double-Blinded Randomized Feeding Study. Journal of Nutrition, 2004, 134, 473-478.	2.9	48
570	Transition of bacterial spatial organization in a biofilm monitored by FISH and subsequent image analysis. Water Science and Technology, 2004, 49, 365-370.	2.5	7
571	Formation mechanism of nitrifying granules observed in an aerobic upflow fluidized bed (AUFB) reactor. Water Science and Technology, 2004, 49, 27-34.	2.5	23
572	Optimization of Operational Conditions for Predominance of Purple Nonsulfur Bacteria in Organic Wastewater Treatment Using Photosynthetic Bacteria. Journal of Japan Society on Water Environment, 2004, 27, 261-266.	0.4	4
573	Microbial precipitation of dolomite in methanogenic groundwater. Geology, 2004, 32, 277.	4.4	208
574	An Abundance of Escherichia coli Is Harbored by the Mucosa- Associated Bacterial Flora of Interleukin-2-Deficient Mice. Infection and Immunity, 2004, 72, 1983-1990.	2.2	38
575	Characterization of Protistan Assemblages in the Ross Sea, Antarctica, by Denaturing Gradient Gel Electrophoresis. Applied and Environmental Microbiology, 2004, 70, 2028-2037.	3.1	138
576	Processing Deep-Sea Particle-Rich Water Samples for Fluorescence In Situ Hybridization: Consideration of Storage Effects, Preservation, and Sonication. Applied and Environmental Microbiology, 2004, 70, 25-33.	3.1	12
577	" <i>Candidatus</i> Endobugula glebosa,―a Specific Bacterial Symbiont of the Marine Bryozoan <i>Bugula simplex</i> . Applied and Environmental Microbiology, 2004, 70, 4921-4929.	3.1	80
578	Effect of Amoxicillin-Clavulanic Acid on Human Fecal Flora in a Gnotobiotic Mouse Model Assessed with Fluorescence Hybridization Using Group-Specific 16S rRNA Probes in Combination with Flow Cytometry. Antimicrobial Agents and Chemotherapy, 2004, 48, 1365-1368.	3.2	49
579	Two Bacteria Phylotypes Are Predominant in the Suiyo Seamount Hydrothermal Plume. Applied and Environmental Microbiology, 2004, 70, 1190-1198.	3.1	140
580	Symbionts of the gut flagellate Staurojoenina sp. from Neotermes cubanus represent a novel, termite-associated lineage of Bacteroidales: description of †Candidatus Vestibaculum illigatum'. Microbiology (United Kingdom), 2004, 150, 2229-2235.	1.8	60
581	Formation of granules and Methanosaeta fibres in an anaerobic migrating blanket reactor (AMBR). Environmental Microbiology, 2004, 6, 315-322.	3.8	45
582	Design and application of two oligonucleotide probes for the identification of Geodermatophilaceae strains using fluorescence in situ hybridization (FISH). Environmental Microbiology, 2004, 6, 678-685.	3.8	27

#	Article	IF	CITATIONS
583	Quantifying 3H-thymidine incorporation rates by a phylogenetically defined group of marine planktonic bacteria (Bacteriodetes phylum). Environmental Microbiology, 2004, 6, 1061-1069.	3.8	11
584	Phylogeny-function analysis of (meta)genomic libraries: screening for expression of ribosomal RNA genes by large-insert library fluorescent in situ hybridization (LIL-FISH). Environmental Microbiology, 2004, 6, 990-998.	3.8	16
585	Amoebae in domestic water systems: resistance to disinfection treatments and implication in Legionella persistence. Journal of Applied Microbiology, 2004, 97, 950-963.	3.1	176
586	FLUORESCENCE <i>IN SITU</i> HYBRIDIZATION USING rRNAâ€TARGETED PROBES FOR SIMPLE AND RAPID IDENTIFICATION OF THE TOXIC DINOFLAGELLATES <i>ALEXANDRIUM TAMARENSE</i> AND <i>ALEXANDRIUM CATENELLA</i> ¹ . Journal of Phycology, 2004, 40, 598-605.	2.3	51
587	Design of 16S rRNA-targeted oligonucleotide probes and microbial community analysis in the denitrification process of a saline industrial wastewater treatment system. FEMS Microbiology Letters, 2004, 235, 183-189.	1.8	9
588	Use of fluorochrome-labeled rRNA targeted oligonucleotide probe and tyramide signal amplification to improve sensitivity of fluorescence in situ hybridization. Journal of Bioscience and Bioengineering, 2004, 98, 282-286.	2.2	2
589	Fluorescent in situ hybridization analysis of open lactic acid fermentation of kitchen refuse using rRNA-targeted oligonucleotide probes. Journal of Bioscience and Bioengineering, 2004, 98, 48-56.	2.2	30
590	Psychrobacter nivimaris sp. nov., a Heterotrophic Bacterium Attached to Organic Particles Isolated from the South Atlantic (Antarctica). Systematic and Applied Microbiology, 2004, 27, 399-406.	2.8	32
591	The Effect of Nucleobase-Specific Fluorescence Quenching on In Situ Hybridization with rRNA-Targeted Oligonucleotide Probes. Systematic and Applied Microbiology, 2004, 27, 565-572.	2.8	13
592	The Role of Colonic Microbiota in Lactose Intolerance. Digestive Diseases and Sciences, 2004, 49, 78-83.	2.3	43
593	Obstacles to flow cytometric analysis of rumen microbial samples. Folia Microbiologica, 2004, 49, 183-186.	2.3	0
594	Crude oil-induced structural shift of coastal bacterial communities of rod bay (Terra Nova Bay, Ross) Tj ETQq1 1 C Microbiology Ecology, 2004, 49, 419-432.).784314 i 2.7	gBT /Overlo 109
595	Direct detection of Taphrina deformans on peach trees using molecular methods. European Journal of Plant Pathology, 2004, 110, 973-982.	1.7	20
596	Microbial diversity in soil: ecological theories, the contribution of molecular techniques and the impact of transgenic plants and transgenic microorganisms. Biology and Fertility of Soils, 2004, 40, 363-385.	4.3	176
597	? Candidatus Hepatincola porcellionum? gen. nov., sp. nov., a new, stalk-forming lineage of Rickettsiales colonizing the midgut glands of a terrestrial isopod. Archives of Microbiology, 2004, 181, 299-304.	2.2	64
598	Phylogenetic diversity of Archaea in prawn farm sediment. Marine Biology, 2004, 146, 133-142.	1.5	11
599	Identification of Planctomycetes with Order-, Genus-, and Strain-Specific 16S rRNA-Targeted Probes. Microbial Ecology, 2004, 47, 243-51.	2.8	47
600	Sulfate-Reducing Bacteria-Dominated Biofilms That Precipitate ZnS in a Subsurface Circumneutral-pH Mine Drainage System. Microbial Ecology, 2004, 47, 205-17.	2.8	73

#	Article	IF	CITATIONS
601	Leech mycetome endosymbionts are a new lineage of alphaproteobacteria related to the Rhizobiaceae. Molecular Phylogenetics and Evolution, 2004, 30, 178-186.	2.7	29
602	A bacterial culture-independent method to investigate chemically mediated control of bacterial epibiosis in marine invertebrates by using TRFLP analysis and natural bacterial populations. FEMS Microbiology Ecology, 2004, 47, 93-99.	2.7	25
603	Autotrophic ammonia oxidation in a deep-sea hydrothermal plume. FEMS Microbiology Ecology, 2004, 47, 191-206.	2.7	83
604	Phylogenetic analysis and in situ identification of the intestinal microbial community of rainbow trout (Oncorhynchus mykiss, Walbaum). Journal of Applied Microbiology, 2004, 96, 117-132.	3.1	207
605	Biooxidation of pyrite by defined mixed cultures of moderately thermophilic acidophiles in pH-controlled bioreactors: Significance of microbial interactions. Biotechnology and Bioengineering, 2004, 87, 574-583.	3.3	132
606	Microbial composition and structure of a multispecies biofilm from a trickle-bed reactor used for the removal of volatile aromatic hydrocarbons from a waste gas. Journal of Chemical Technology and Biotechnology, 2004, 79, 13-21.	3.2	11
607	Prevalence of the Chloroflexi -Related SAR202 Bacterioplankton Cluster throughout the Mesopelagic Zone and Deep Ocean. Applied and Environmental Microbiology, 2004, 70, 2836-2842.	3.1	142
608	Molecular analysis of the community structure of nitrifying bacteria in a continuousâ€flow bioreactor. Environmental Technology (United Kingdom), 2004, 25, 261-272.	2.2	4
609	Comparative Analysis of Vertical Heterogeneity of Microbial Community in Sulfur-Packed Reactor Used for Autotrophic Nitrate Removal. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2004, 39, 1805-1818.	1.7	5
610	Bacterial Diversity and Function of Aerobic Granules Engineered in a Sequencing Batch Reactor for Phenol Degradation. Applied and Environmental Microbiology, 2004, 70, 6767-6775.	3.1	111
611	Isolation, Characterization, and In Situ Detection of a Novel Chemolithoautotrophic Sulfur-Oxidizing Bacterium in Wastewater Biofilms Growing under Microaerophilic Conditions. Applied and Environmental Microbiology, 2004, 70, 3122-3129.	3.1	32
612	Quenched Auto-Ligating DNAs:  Multicolor Identification of Nucleic Acids at Single Nucleotide Resolution. Journal of the American Chemical Society, 2004, 126, 1081-1087.	13.7	109
613	Metamorphosis of a Scleractinian Coral in Response to Microbial Biofilms. Applied and Environmental Microbiology, 2004, 70, 1213-1221.	3.1	287
614	Crude oil-induced structural shift of coastal bacterial communities of rod bay (Terra Nova Bay, Ross) Tj ETQq1 1 Microbiology Ecology, 2004, 49, 419-419.	0.784314 2.7	rgBT /Overloo 2
615	Ecophysiological Interaction between Nitrifying Bacteria and Heterotrophic Bacteria in Autotrophic Nitrifying Biofilms as Determined by Microautoradiography-Fluorescence In Situ Hybridization. Applied and Environmental Microbiology, 2004, 70, 1641-1650.	3.1	323
616	Bacterial Endocytobionts of Ciliophora and Their Interactions with the Host Cell. International Review of Cytology, 2004, 236, 181-249.	6.2	87
617	Impact of Increased Chloride Concentration on Nitrifying-Activated Sludge Cultures. Journal of Environmental Engineering, ASCE, 2004, 130, 116-125.	1.4	13
618	Microbiology of Natural Mineral Waters. , 0, , 325-387.		4

#	Article	IF	CITATIONS
619	Metagenomics: Genomic Analysis of Microbial Communities. Annual Review of Genetics, 2004, 38, 525-552.	7.6	890
620	Identification of the bacterial endosymbionts of the marine ciliate Euplotes magnicirratus (Ciliophora, Hypotrichia) and proposal of 'Candidatus Devosia euplotis'. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 1151-1156.	1.7	83
621	Bacterial community composition in biofilms on leaves in a northeastern Ohio stream. Journal of the North American Benthological Society, 2004, 23, 677-685.	3.1	28
622	Seasonal dynamics of bacterial assemblages in epilithic biofilms in a northeastern Ohio stream. Journal of the North American Benthological Society, 2004, 23, 686-700.	3.1	29
623	Particulate Organic Matter in the Sea: The Composition Conundrum. Ambio, 2004, 33, 565-575.	5.5	198
624	The influence of substrate kinetics on the microbial community structure in granular anaerobic biomass. Water Research, 2004, 38, 1390-1404.	11.3	155
625	Bacterial community shifts in nonylphenol polyethoxylates-enriched activated sludge. Water Research, 2004, 38, 2077-2086.	11.3	51
626	Effects of substrate loading rate on biofilm structure. Water Research, 2004, 38, 2479-2488.	11.3	103
627	Evaluating the effect of dissolved oxygen on ammonia-oxidizing bacterial communities in activated sludge. Water Research, 2004, 38, 3275-3286.	11.3	280
628	Survival and injury of Arcobacter after artificial inoculation into drinking water. Research in Microbiology, 2004, 155, 726-730.	2.1	37
629	Development of alternate ssu-rRNA probing strategies for characterizing aquatic microbial communities. Journal of Microbiological Methods, 2004, 56, 323-330.	1.6	8
630	Validation of fluorescent in situ hybridization combined with flow cytometry for assessing interindividual variation in the composition of human fecal microflora during long-term storage of samples. Journal of Microbiological Methods, 2004, 59, 263-270.	1.6	38
631	Biofilm population dynamics in a trickle-bed bioreactor used for the biodegradation of aromatic hydrocarbons from waste gas under transient conditions. Biodegradation, 2004, 15, 133-144.	3.0	18
632	Genetic Structure and Community DNA Similarity of Picoplankton Communities from the Laurentian Great Lakes. Journal of Great Lakes Research, 2004, 30, 185-195.	1.9	11
633	Molecular Ecological Analysis of the Gastrointestinal Microbiota: A Review. Journal of Nutrition, 2004, 134, 465-472.	2.9	346
634	Analysis of Microbiological Characteristics of Wastewater Along the Polishing Sequence of a Treatment Plant. Water Environment Research, 2004, 76, 463-467.	2.7	7
635	Composition of estuarine bacterial communities assessed by denaturing gradient gel electrophoresis and fluorescence in situ hybridization. Limnology and Oceanography: Methods, 2004, 2, 303-314.	2.0	37
636	Identification and enumeration of bacteria assimilating dimethylsulfoniopropionate (DMSP) in the North Atlantic and Gulf of Mexico. Limnology and Oceanography, 2004, 49, 597-606.	3.1	117

#	Article	IF	CITATIONS
637	Distribution and activity of nitrifying bacteria in natural stream sediment versus laboratory sediment microcosms. Aquatic Microbial Ecology, 2004, 36, 73-81.	1.8	20
638	MAR-FISH-An Ecophysiological Approach to Link Phylogenetic Affiliation and In Situ Metabolic Activity of Microorganisms at a Single-Cell Resolution. Microbes and Environments, 2004, 19, 83-98.	1.6	52
639	Software for quantification of labeled bacteria from digital microscope images by automated image analysis. BioTechniques, 2005, 39, 859-863.	1.8	230
640	Fluorescent In Situ Hybridization Analysis of Cecal Microflora in Rats Simultaneously Administrated Lactobacillus rhamnosus KY-3 and Cellobiose. Food Science and Technology Research, 2005, 11, 168-170.	0.6	8
641	Characterization of the Microbial Community and Culturable Denitrifying Bacteria in a Solid-phase Denitrification Process Using Poly(ε-caprolactone) as the Carbon and Energy Source. Microbes and Environments, 2005, 20, 25-33.	1.6	37
642	Adherent Biofilms in Bacterial Vaginosis. Obstetrics and Gynecology, 2005, 106, 1013-1023.	2.4	371
643	Investigation of the Rumen Microbial Community Responsible for Degradation of a Putative Toxin in Acacia Angustissima. , 2005, , 373-386.		0
644	Modulation of gut mucosal biofilms. British Journal of Nutrition, 2005, 93, S35-S40.	2.3	109
645	Infection of human CD34+ progenitor cells with Bartonella henselae results in intraerythrocytic presence of B henselae. Blood, 2005, 106, 1215-1222.	1.4	85
646	Microbiological Field Sampling and Instrumentation in Assessment of Soil and Groundwater Pollution. , 2005, , 701-730.		Ο
647	Retrieval of first genome data for rice cluster I methanogens by a combination of cultivation and molecular techniques. FEMS Microbiology Ecology, 2005, 53, 187-204.	2.7	44
648	Use of coaxial photocatalytic reactor (CAPHORE) in the TiO2 photo-assisted treatment of mixed E. coli and Bacillus sp. and bacterial community present in wastewater. Catalysis Today, 2005, 101, 331-344.	4.4	126
649	Field-scale isotopic labeling of phospholipid fatty acids from acetate-degrading sulfate-reducing bacteria. FEMS Microbiology Ecology, 2005, 51, 197-207.	2.7	36
650	Characterisation of intestinal bacteria in infant stools using real-time PCR and northern hybridisation analyses. FEMS Microbiology Ecology, 2005, 54, 77-85.	2.7	136
651	Speciation and Biosynthetic Variation in Four Dictyoceratid Sponges and Their Cyanobacterial Symbiont, Oscillatoria spongeliae. Chemistry and Biology, 2005, 12, 397-406.	6.0	82
652	Quantification of Microthrix parvicella in activated sludge bacterial communities by real-time PCR. Letters in Applied Microbiology, 2005, 40, 207-211.	2.2	43
653	The microbial community structure of different permeable sandy sediments characterized by the investigation of bacterial fatty acids and fluorescence in situ hybridization. Environmental Microbiology, 2005, 7, 281-293.	3.8	48
654	Design and validation of 16S rRNA probes to enumerate members of the <i>Clostridium leptum</i> subgroup in human faecal microbiota. Environmental Microbiology, 2005, 7, 933-946.	3.8	148

#	Article	IF	Citations
655	Comparative in situ analysis of ipdC-gfpmut3 promoter fusions of Azospirillum brasilense strains Sp7 and Sp245. Environmental Microbiology, 2005, 7, 1839-1846.	3.8	43
656	Molecular analysis of microbial population transition associated with the start of denitrification in a wastewater treatment process. Journal of Applied Microbiology, 2005, 99, 1165-1175.	3.1	47
657	Piroxicam Treatment of Il-10-Deficient Mice Enhances Colonic Epithelial Apoptosis and Mucosal Exposure to Intestinal Bacteria. Inflammatory Bowel Diseases, 2005, 11, 1060-1069.	1.9	50
658	Polynucleobacter Bacteria in the Brackish-Water Species Euplotes harpa (Ciliata Hypotrichia). Journal of Eukaryotic Microbiology, 2005, 52, 116-122.	1.7	51
659	Salt marsh pore water geochemistry does not correlate with microbial community structure. Estuarine, Coastal and Shelf Science, 2005, 62, 233-251.	2.1	88
660	Recovery of the ciliate Paramecium multimicronucleatum following bacterial infection with Holospora obtusa. European Journal of Protistology, 2005, 41, 129-138.	1.5	13
661	Development and application of oligonucleotide probes for in situ detection of thermotolerant Campylobacter in chicken faecal and liver samples. International Journal of Food Microbiology, 2005, 105, 245-255.	4.7	29
662	Microbial activity and bacterial composition of H2-treated soils with net CO2 fixation. Soil Biology and Biochemistry, 2005, 37, 1938-1945.	8.8	56
663	Use of microelectrodes to investigate the effects of 2-chlorophenol on microbial activities in biofilms. Biotechnology and Bioengineering, 2005, 91, 133-138.	3.3	24
664	Concurrent microscopic observations and activity measurements of cellulose hydrolyzing and methanogenic populations during the batch anaerobic digestion of crystalline cellulose. Biotechnology and Bioengineering, 2005, 91, 369-378.	3.3	70
665	Application of a direct fluorescence-based live/dead staining combined with fluorescence in situ hybridization for assessment of survival rate ofBacteroides spp. in drinking water. Biotechnology and Bioengineering, 2005, 92, 356-363.	3.3	42
666	Structure of a cellulose degrading bacterial community during anaerobic digestion. Biotechnology and Bioengineering, 2005, 92, 871-878.	3.3	75
667	Phylogenetic diversity of epibiotic bacteria in the accessory nidamental glands of squids (Cephalopoda: Loliginidae and Idiosepiidae). Marine Biology, 2005, 147, 1323-1332.	1.5	32
668	A Bacterium Belonging to the Rickettsiaceae Family Inhabits the Cytoplasm of the Marine Ciliate Diophrys appendiculata (Ciliophora, Hypotrichia). Microbial Ecology, 2005, 49, 434-442.	2.8	65
669	Design, Development, and Use of Molecular Primers and Probes for the Detection of Gluconacetobacter Species in the Pink Sugarcane Mealybug. Microbial Ecology, 2005, 50, 128-139.	2.8	23
670	Molecular Assessment of Inoculated and Indigenous Bacteria in Biofilms from a Pilot-Scale Perchlorate-Reducing Bioreactor. Microbial Ecology, 2005, 49, 388-398.	2.8	32
671	Quantification of an Eikelboom type 021N bulking event with fluorescence in situ hybridization and real-time PCR. Applied Microbiology and Biotechnology, 2005, 68, 695-704.	3.6	35
672	Molecular identification of an uncultured bacterium ("morphotype Râ€Â) in meromictic Lake Cadagno, Switzerland. FEMS Microbiology Ecology, 2005, 53, 235-244.	2.7	6

#	Article	IF	Citations
673	Discrepancies in the widely applied GAM42a fluorescence in situ hybridisation probe forGammaproteobacteria. FEMS Microbiology Letters, 2005, 242, 367-373.	1.8	16
674	Development of Molecular Identification Method for Genus Alexandrium (Dinophyceae) Using Whole-Cell FISH. Marine Biotechnology, 2005, 7, 215-222.	2.4	19
675	Monitoring of microbial souring in chemically treated, produced-water biofilm systems using molecular techniques. Journal of Industrial Microbiology and Biotechnology, 2005, 32, 163-170.	3.0	45
676	Methane-derived carbonate build-ups and associated microbial communities at cold seeps on the lower Crimean shelf (Black Sea). Facies, 2005, 51, 66-79.	1.4	144
677	Monitoring of petroleum hydrocarbon degradative potential of indigenous microorganisms in ozonated soil. Biodegradation, 2005, 16, 45-56.	3.0	35
679	Laser capture microdissection of bacterial cells targeted by fluorescence in situ hybridization. BioTechniques, 2005, 39, 864-868.	1.8	32
680	Spatial organization of bacterial flora in normal and inflamed intestine: A fluorescence <i>in situ</i> hybridization study in mice. World Journal of Gastroenterology, 2005, 11, 1131.	3.3	246
681	Identification of Procaryotes. , 2005, , 33-38.		2
682	The Role of Syntrophic Associations in Sustaining Anaerobic Mineralization of Chlorinated Organic Compounds. Environmental Health Perspectives, 2005, 113, 310-316.	6.0	48
683	High-Temperature Fluorescent In Situ Hybridization for Detecting Escherichia coli in Seawater Samples, Using rRNA-Targeted Oligonucleotide Probes and Flow Cytometry. Applied and Environmental Microbiology, 2005, 71, 8157-8164.	3.1	26
684	Use of Specific rRNA Oligonucleotide Probes for Microscopic Detection of Mycobacterium avium Complex Organisms in Tissue. Journal of Clinical Microbiology, 2005, 43, 1505-1514.	3.9	21
685	Development of a Rapid Assay for Determining the Relative Abundance of Bacteria. Applied and Environmental Microbiology, 2005, 71, 8481-8490.	3.1	4
686	Agreement between Theory and Measurement in Quantification of Ammonia-Oxidizing Bacteria. Applied and Environmental Microbiology, 2005, 71, 6325-6334.	3.1	73
687	Immobilization-based isolation of capsule-negative mutants of Streptococcus pneumoniae. Microbiology (United Kingdom), 2005, 151, 1911-1917.	1.8	22
688	Fate of 14 C-Labeled Microbial Products Derived from Nitrifying Bacteria in Autotrophic Nitrifying Biofilms. Applied and Environmental Microbiology, 2005, 71, 3987-3994.	3.1	155
689	Comparison of Microbial Community Compositions of Two Subglacial Environments Reveals a Possible Role for Microbes in Chemical Weathering Processes. Applied and Environmental Microbiology, 2005, 71, 6986-6997.	3.1	225
690	Bacterial biofilm within diseased pancreatic and biliary tracts. Gut, 2005, 54, 388-395.	12.1	67
691	Effects of a Probiotic Strain of Enterococcus faecium on the Rate of Natural Chlamydia Infection in Swine. Infection and Immunity, 2005, 73, 4346-4353.	2.2	97

#	Article	IF	CITATIONS
692	Subsurface Microbial Methanotrophic Mats in the Black Sea. Applied and Environmental Microbiology, 2005, 71, 6375-6378.	3.1	87
693	Anaerobic Microbial Communities in Lake Pavin, a Unique Meromictic Lake in France. Applied and Environmental Microbiology, 2005, 71, 7389-7400.	3.1	109
694	New Gammaproteobacteria Associated with Blood-Feeding Leeches and a Broad Phylogenetic Analysis of Leech Endosymbionts. Applied and Environmental Microbiology, 2005, 71, 5219-5224.	3.1	26
695	Measuring microbiological contamination in fruit and vegetables. , 2005, , 89-134.		7
696	Phylogenetic Characterization of a Polychlorinated-Dioxin- Dechlorinating Microbial Community by Use of Microcosm Studies. Applied and Environmental Microbiology, 2005, 71, 4325-4334.	3.1	125
697	Effects of selected pharmaceuticals on riverine biofilm communities. Canadian Journal of Microbiology, 2005, 51, 655-669.	1.7	127
698	Comparative Analysis of Nitrifying Bacteria in Full–Scale Oxidation Ditch and Aerated Nitrification Biofilter by Using Fluorescent In Situ Hybridization (FISH) and Denaturing Gradient Gel Electrophoresis (DGGE). Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2005, 40, 937-948.	1.7	7
699	The conundrum of marine N2 fixation. Numerische Mathematik, 2005, 305, 546-595.	1.4	227
700	Fate of Heterotrophic Microbes in Pelagic Habitats: Focus on Populations. Microbiology and Molecular Biology Reviews, 2005, 69, 440-461.	6.6	119
701	Protozoan Acanthamoeba polyphaga as a Potential Reservoir for Campylobacter jejuni. Applied and Environmental Microbiology, 2005, 71, 987-992.	3.1	123
702	Assimilation of Polysaccharides and Glucose by Major Bacterial Groups in the Delaware Estuary. Applied and Environmental Microbiology, 2005, 71, 7799-7805.	3.1	123
703	Seasonal Response of Stream Biofilm Communities to Dissolved Organic Matter and Nutrient Enrichments. Applied and Environmental Microbiology, 2005, 71, 2278-2287.	3.1	80
704	Enumeration of Respiring Pseudomonas spp. in Milk within 6 Hours by Fluorescence In Situ Hybridization following Formazan Reduction. Applied and Environmental Microbiology, 2005, 71, 2748-2752.	3.1	24
705	Community Analysis of a Mercury Hot Spring Supports Occurrence of Domain-Specific Forms of Mercuric Reductase. Applied and Environmental Microbiology, 2005, 71, 8836-8845.	3.1	45
706	Long-Term Population Dynamics of Phototrophic Sulfur Bacteria in the Chemocline of Lake Cadagno, Switzerland. Applied and Environmental Microbiology, 2005, 71, 3544-3550.	3.1	59
707	Investigation of Oscillatoria spongeliae -Dominated Bacterial Communities in Four Dictyoceratid Sponges. Applied and Environmental Microbiology, 2005, 71, 7366-7375.	3.1	65
708	Activity and Diversity of Methanogens in a Petroleum Hydrocarbon-Contaminated Aquifer. Applied and Environmental Microbiology, 2005, 71, 149-158.	3.1	74
709	Antibacterial and anti-diatom activity of Hong Kong sponges. Aquatic Microbial Ecology, 2005, 38, 191-201.	1.8	31

#	Article	IF	CITATIONS
710	Anaerobic oxidation of methane and sulfate reduction along the Chilean continental margin. Geochimica Et Cosmochimica Acta, 2005, 69, 2767-2779.	3.9	173
713	Nitric Oxide Emissions from the Soil to Lower Levels of the Troposphere. Environmental Engineering Science, 2005, 22, 46-57.	1.6	5
714	Enhanced Degradation of Waste Grass Clippings in One and Two Stage Anaerobic Systems. Environmental Technology (United Kingdom), 2005, 26, 1003-1012.	2.2	17
715	Iron Meteorites Can Support the Growth of Acidophilic Chemolithoautotrophic Microorganisms. Astrobiology, 2005, 5, 406-414.	3.0	36
716	Microcolony Cultivation on a Soil Substrate Membrane System Selects for Previously Uncultured Soil Bacteria. Applied and Environmental Microbiology, 2005, 71, 8714-8720.	3.1	204
717	Spatial Organization and Composition of the Mucosal Flora in Patients with Inflammatory Bowel Disease. Journal of Clinical Microbiology, 2005, 43, 3380-3389.	3.9	755
718	16S rRNA Gene-Based Oligonucleotide Microarray for Environmental Monitoring of the Betaproteobacterial Order " Rhodocyclales ― Applied and Environmental Microbiology, 2005, 71, 1373-1386.	3.1	231
719	Detection of Acidithiobacillus ferrooxidans in acid mine drainage environments using fluorescent in situ hybridization (FISH). Journal of Microbiological Methods, 2005, 61, 33-45.	1.6	37
720	Improved permeabilization protocols for fluorescence in situ hybridization (FISH) of mycolic-acid-containing bacteria found in foams. Journal of Microbiological Methods, 2005, 61, 47-54.	1.6	53
721	Use of an alternative Archaea-specific probe for methanogen detection. Journal of Microbiological Methods, 2005, 61, 95-104.	1.6	23
722	Rapid detection and identification of pathogens in blood cultures by fluorescence in situ hybridization and flow cytometry. International Journal of Medical Microbiology, 2005, 295, 47-55.	3.6	43
723	Molecular biogeochemistry of sulfate reduction, methanogenesis and the anaerobic oxidation of methane at Gulf of Mexico cold seeps. Geochimica Et Cosmochimica Acta, 2005, 69, 4267-4281.	3.9	204
724	Concretionary methane-seep carbonates and associated microbial communities in Black Sea sediments. Palaeogeography, Palaeoclimatology, Palaeoecology, 2005, 227, 18-30.	2.3	155
725	Saponins containing methanol extract of Sapindus rarak affect microbial fermentation, microbial activity and microbial community structure in vitro. Animal Feed Science and Technology, 2005, 121, 159-174.	2.2	80
726	Locked TASC probes for homogeneous sensing of nucleic acids and imaging of fixed E. coli cells. Organic and Biomolecular Chemistry, 2005, 3, 1002.	2.8	18
727	Diversity, Sources, and Detection of Human Bacterial Pathogens in the Marine Environment. , 2005, , 29-68.		22
728	An Anaerobic World in Sponges. Geomicrobiology Journal, 2005, 22, 1-10.	2.0	198
729	Electricity Generation from Artificial Wastewater Using an Upflow Microbial Fuel Cell. Environmental Science & Technology, 2005, 39, 5262-5267.	10.0	680

#	Article	IF	CITATIONS
730	Development and application of LSU rRNA probes for Karenia brevis in the Gulf of Mexico, USA. Harmful Algae, 2005, 4, 49-60.	4.8	33
732	Effects of <i>Bifidobacterium lactis</i> Bb12 Supplementation on Intestinal Microbiota of Preterm Infants: a Double-Blind, Placebo-Controlled, Randomized Study. Journal of Clinical Microbiology, 2006, 44, 4025-4031.	3.9	212
733	Prokaryote Characterization and Identification. , 2006, , 58-79.		9
734	Influence of dissolved organic matter and inorganic nutrients on the biofilm bacterial community on artificial substrates in a northeastern Ohio, USA, stream. Canadian Journal of Microbiology, 2006, 52, 540-549.	1.7	32
735	Bacterial Ectosymbionts which Confer Motility: Mixotricha paradoxa from the Intestine of the Australian Termite Mastotermes darwiniensis. , 2006, 41, 77-96.		7
736	Nitrification performance and microbial community dynamics in a submerged membrane bioreactor with complete sludge retention. Journal of Biotechnology, 2006, 123, 60-70.	3.8	73
737	Optimization of wastewater feeding for single-cell protein production in an anaerobic wastewater treatment process utilizing purple non-sulfur bacteria in mixed culture condition. Journal of Biotechnology, 2006, 125, 565-573.	3.8	38
738	Open L-lactic acid fermentation of food refuse using thermophilic Bacillus coagulans and fluorescence in situ hybridization analysis of microflora. Journal of Bioscience and Bioengineering, 2006, 101, 457-463.	2.2	82
740	Supplementation of the Diet with High-Viscosity Beta-Glucan Results in Enrichment for Lactobacilli in the Rat Cecum. Applied and Environmental Microbiology, 2006, 72, 1925-1931.	3.1	129
741	Antifouling properties of 10β-formamidokalihinol-A and kalihinol A isolated from the marine spongeAcanthella cavernosa. Biofouling, 2006, 22, 23-32.	2.2	30
742	Macroscopic Streamer Growths in Acidic, Metal-Rich Mine Waters in North Wales Consist of Novel and Remarkably Simple Bacterial Communities. Applied and Environmental Microbiology, 2006, 72, 2022-2030.	3.1	200
743	Polyphasic characterization of the bacterial community in an urban soil profile with in situ and culture-dependent methods. Applied Soil Ecology, 2006, 31, 267-279.	4.3	44
744	Molecular identification of Vibrio tapetis, the causative agent of the brown ring disease of Ruditapes philippinarum. Aquaculture, 2006, 253, 25-38.	3.5	33
745	Vibrionaceae infection in phyllosomas of the tropical rock lobster Panulirus ornatus as detected by fluorescence in situ hybridisation. Aquaculture, 2006, 255, 173-178.	3.5	17
746	Biofilm development within a larval rearing tank of the tropical rock lobster, Panulirus ornatus. Aquaculture, 2006, 260, 27-38.	3.5	51
747	Microbial response to a mesoscale iron enrichment in the NE Subarctic Pacific: Bacterial community composition. Deep-Sea Research Part II: Topical Studies in Oceanography, 2006, 53, 2248-2267.	1.4	7
748	FISH and chips: Marine bacterial communities analyzed by flow cytometry based on microfluidics. Journal of Microbiological Methods, 2006, 64, 232-240.	1.6	25
749	A CARD–FISH protocol for the identification and enumeration of epiphytic bacteria on marine algae. Journal of Microbiological Methods, 2006, 65, 604-607.	1.6	43

#	Article	IF	CITATIONS
750	Visualization of mcr mRNA in a methanogen by fluorescence in situ hybridization with an oligonucleotide probe and two-pass tyramide signal amplification (two-pass TSA–FISH). Journal of Microbiological Methods, 2006, 66, 521-528.	1.6	39
751	Clostridium difficile and Clostridium perfringens species detected in infant faecal microbiota using 16S rRNA targeted probes. Journal of Microbiological Methods, 2006, 67, 150-161.	1.6	41
752	A novel fluorescence imaging technique combining deconvolution microscopy and spectral analysis for quantitative detection of opportunistic pathogens. Journal of Microbiological Methods, 2006, 67, 597-602.	1.6	11
753	Remote and normally unpolluted high mountain lakes provide habitats with no or very limited anthropogenic influences and, therefore, their hydrodynamics are mostly regulated by the natural conditions. Researches in high mountain lakes deal with measuring. Biotropia, 2006, 13, .	0.0	0
754	Molecular Approaches for the Screening of Novel Enzymes. , 2006, , 221-238.		2
755	Comparison of planktonic microbial communities among nine North American streams. Archiv Für Hydrobiologie, 2006, 165, 221-239.	1.1	5
756	Probing the microenvironment of freshwater sediment macrofauna: Implications of depositâ€feeding and bioirrigation for nitrogen cycling. Limnology and Oceanography, 2006, 51, 2538-2548.	3.1	51
757	Comparison between Direct Microscopy and Flow Cytometry for rRNA-Based Quantification of Candidatus Accumulibacter phosphatis in Activated Sludge. Water Environment Research, 2006, 78, 181-188.	2.7	4
758	Seasonal dynamics of bacterioplankton community structure at a coastal station in the western English Channel. Aquatic Microbial Ecology, 2006, 42, 119-126.	1.8	50
759	A new green fluorescent protein-based bacterial biosensor for analysing phenanthrene fluxes. Environmental Microbiology, 2006, 8, 697-708.	3.8	55
760	In situ probing of Xylella fastidiosa in honeydew of a xylem sap-feeding insect using 16S rRNA-targeted fluorescent oligonucleotides. Environmental Microbiology, 2006, 8, 747-754.	3.8	6
761	Site-specific variation in Antarctic marine biofilms established on artificial surfaces. Environmental Microbiology, 2006, 8, 1177-1190.	3.8	80
762	Vertical profiles of methanogenesis and methanogens in two contrasting acidic peatlands in central New York State, USA. Environmental Microbiology, 2006, 8, 1428-1440.	3.8	173
763	Development and application of fluorescence in situ hybridization (FISH) method for simple and rapid identification of the toxic dinoflagellates Alexandrium tamarense and Alexandrium catenella in cultured and natural seawater. Fisheries Science, 2006, 72, 77-82.	1.6	25
764	A comparative study of the microbiology of soils managed under organic and conventional regimes. Soil Use and Management, 2002, 18, 274-283.	4.9	35
765	Use of green fluorescent protein as a marker for ecological studies of activated sludge communities. FEMS Microbiology Letters, 2006, 149, 77-83.	1.8	89
766	Dynamics of biofilm formation in drinking water: phylogenetic affiliation and metabolic potential of single cells assessed by formazan reduction and in situ hybridization. FEMS Microbiology Ecology, 2006, 22, 265-279.	2.7	115
767	A digital imaging procedure for seven-probe-labeling FISH (Rainbow-FISH) and its application to estuarine microbial communities. FEMS Microbiology Ecology, 2006, 55, 159-166.	2.7	3

ARTICLE IF CITATIONS # In-situ enumeration and probing of pyrene-degrading soil bacteria. FEMS Microbiology Ecology, 2006, 768 2.7 10 55, 287-298. Colonization of barley (Hordeum vulgare) with Salmonella enterica and Listeria spp.. FEMS Microbiology Ecology, 2006, 56, 262-271. 2.7 Detection of activity among uncultured Actinobacteria in a drinking water reservoir. FEMS 770 2.7 36 Microbiology Ecology, 2006, 55, 432-438. Effects of naphthalene on microbial community composition in the Delaware estuary. FEMS 771 Microbiology Ecology, 2006, 56, 55-63. Effect of influent COD/SO42âÂ^Â' ratios on mesophilic anaerobic reactor biomass populations: 772 2.7 65 physico-chemical and microbiological properties. FEMS Microbiology Ecology, 2006, 56, 141-153. Clavibacter michiganensis subsp. sepedonicus. EPPO Bulletin, 2006, 36, 99-109. 0.8 The dynamics of major fibrolytic microbes and enzyme activity in the rumen in response to short- and 774 3.1 43 long-term feeding of Sapindus rarak saponins. Journal of Applied Microbiology, 2006, 100, 114-122. Adhesion of Lactobacillus plantarum 423 and Lactobacillus salivarius 241 to the intestinal tract of piglets, as recorded with fluorescent in situ hybridization (FISH), and production of plantaricin 423 by 3.1 38 cells colonized to the ileum. Journal of Applied Microbiology, 2006, 100, 838-845. 776 Computer system for image analysis of fluorescently stained bacteria. Microbiology, 2006, 75, 751-753. 1.2 4 Specificities of the fecal microbiota in inflammatory bowel disease. Inflammatory Bowel Diseases, 373 777 2006, 12, 106-111. Effect of temperature and free ammonia on nitrification and nitrite accumulation in landfill leachate 778 9.6 358 and analysis of its nitrifying bacterial community by FISH. Bioresource Technology, 2006, 97, 459-468. Novel operational strategy for partial nitrification to nitrite in a sequencing batch rotating disk 3.6 reactor. Biochemical Engineering Journal, 2006, 32, 69-78. Development of a method to assay the microbial population in heap bioleaching operations. 780 4.3 25 Hydrometallurgy, 2006, 83, 237-244. Differential kinetics of ammonia- and nitrite-oxidizing bacteria: A simple kinetic study based on oxygen 3.7 64 affinity and proton release during nitrification. Process Biochemistry, 2006, 41, 1764-1772. Evaluation of in situ ammonia removal in an aerated landfill bioreactor. Process Biochemistry, 2006, 782 3.7 44 41, 2359-2366. Characterization of a Culturable Alphaproteobacterial Symbiont Common to Many Marine Sponges and Evidence for Vertical Transmission via Sponge Larvae. Applied and Environmental Microbiology, 3.1 197 2006, 72, 3724-3732. Assessing short-term responses of prokaryotic communities in bulk and rhizosphere soils to tall 784 3.7 36 fescue endophyte infection. Plant and Soil, 2006, 289, 309-320. Species-specific FISH analysis of cecal microflora in rats administered with lactic acid bacteria. World Journal of Microbiology and Biotechnology, 2006, 22, 493-499.

#	Article	IF	CITATIONS
786	Adhesion of slime producing Staphylococcus epidermidis strains to PVC and diamond-like carbon/silver/fluorinated coatings. Journal of Materials Science: Materials in Medicine, 2006, 17, 679-689.	3.6	65
787	Sulfidogenesis in Low pH (3.8–4.2) Media by a Mixed Population of Acidophilic Bacteria. Biodegradation, 2006, 17, 57-65.	3.0	132
789	Methanogenic diversity and activity in municipal solid waste landfill leachates. Antonie Van Leeuwenhoek, 2006, 89, 423-434.	1.7	51
790	Acidophilic microbial communities catalyzing sludge bioleaching monitored by fluorescent in situ hybridization. Antonie Van Leeuwenhoek, 2006, 89, 435-442.	1.7	6
791	Monitoring Microbial Community Composition by Fluorescence In Situ Hybridization During Cultivation of the Marine Cold-Water Sponge Geodia barretti. Marine Biotechnology, 2006, 8, 373-379.	2.4	34
792	Dense populations of Archaea associated with the demosponge Tentorium semisuberites Schmidt, 1870 from Arctic deep-waters. Polar Biology, 2006, 29, 662-667.	1.2	43
793	Culturability of Stream Bacteria Assessed at the Assemblage and Population Levels. Microbial Ecology, 2006, 51, 365-374.	2.8	21
794	Incorporation of 3H-Thymidine by Different Prokaryotic Groups in Relation to Temperature and Nutrients in a Lacustrine Ecosystem. Microbial Ecology, 2006, 52, 399-407.	2.8	4
795	Application of FISH technology for microbiological analysis: current state and prospects. Applied Microbiology and Biotechnology, 2006, 73, 485-494.	3.6	134
796	Microbiological evaluation and molecular characterization of bifidobacteria strains in commercial fermented milks. European Food Research and Technology, 2006, 222, 112-117.	3.3	22
797	Single-stranded conformational polymorphism for separation of mixed rRNAS (rRNA-SSCP), a new method for profiling microbial communities. Systematic and Applied Microbiology, 2006, 29, 661-670.	2.8	15
798	Microbial ecology to manage processes in environmental biotechnology. Trends in Biotechnology, 2006, 24, 261-266.	9.3	116
799	Facilitation and inhibition of larval attachment of the bryozoan Bugula neritina in association with mono-species and multi-species biofilms. Journal of Experimental Marine Biology and Ecology, 2006, 333, 263-274.	1.5	83
800	Racemization of l-lactic acid in pH-swing open fermentation of kitchen refuse by selective proliferation of Lactobacillus plantarum. Journal of Bioscience and Bioengineering, 2006, 102, 227-232.	2.2	23
801	Monitoring granule formation in anaerobic upflow bioreactors using oligonucleotide hybridization probes. Biotechnology and Bioengineering, 2006, 94, 458-472.	3.3	55
802	Competition betweenNitrospira spp. andNitrobacter spp. in nitrite-oxidizing bioreactors. Biotechnology and Bioengineering, 2006, 95, 169-175.	3.3	115
803	Recovery of oleate-inhibited anaerobic digestion by addition of simple substrates. Journal of Chemical Technology and Biotechnology, 2006, 81, 1057-1063.	3.2	19
804	Contribution of major bacterial groups to bacterial biomass production along a salinity gradient in the South China Sea. Aquatic Microbial Ecology, 2006, 43, 233-241.	1.8	92

#	Article	IF	CITATIONS
805	Interactions of Intestinal Epithelial Cells With Bacteria and Immune Cells: Methods to Characterize Microflora and Functional Consequences. , 2006, 341, 17-36.		31
806	Detection of <i>Legionella</i> in Various Sample Types Using Whole-Cell Fluorescent <i>In Situ</i> Hybridization. , 2006, 345, 175-184.		8
807	Catalyzed Reporter Deposition-Fluorescence In Situ Hybridization Allows for Enrichment-Independent Detection of Microcolony-Forming Soil Bacteria. Applied and Environmental Microbiology, 2006, 72, 918-922.	3.1	42
808	Spatial organisation of microbiota in quiescent adenoiditis and tonsillitis. Journal of Clinical Pathology, 2006, 60, 253-260.	2.0	68
809	Transmission of Nephridial Bacteria of the Earthworm Eisenia fetida. Applied and Environmental Microbiology, 2006, 72, 769-775.	3.1	61
810	Herbaspirillum hiltneri sp. nov., isolated from surface-sterilized wheat roots. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 1341-1348.	1.7	50
811	Rapid Detection of Brucella spp. in Blood Cultures by Fluorescence In Situ Hybridization. Journal of Clinical Microbiology, 2006, 44, 1828-1830.	3.9	33
812	Improved Enumeration of Lactic Acid Bacteria in Mesophilic Dairy Starter Cultures by Using Multiplex Quantitative Real-Time PCR and Flow Cytometry-Fluorescence In Situ Hybridization. Applied and Environmental Microbiology, 2006, 72, 4163-4171.	3.1	66
813	Targeting Species-Specific Low-Affinity 16S rRNA Binding Sites by Using Peptide Nucleic Acids for Detection of Legionellae in Biofilms. Applied and Environmental Microbiology, 2006, 72, 5453-5462.	3.1	29
814	Phenotypic Properties and Microbial Diversity of Methanogenic Granules from a Full-Scale Upflow Anaerobic Sludge Bed Reactor Treating Brewery Wastewater. Applied and Environmental Microbiology, 2006, 72, 4942-4949.	3.1	153
815	Molecular Techniques for Understanding the Microbial Community Structure in Mycorrhizosphere. , 2006, , 173-198.		1
816	Improved In Situ Hybridization Efficiency with Locked-Nucleic-Acid-Incorporated DNA Probes. Applied and Environmental Microbiology, 2006, 72, 5311-5317.	3.1	91
817	Effects of Endogenous Substrates on Adaptation of Anaerobic Microbial Communities to 3-Chlorobenzoate. Applied and Environmental Microbiology, 2006, 72, 449-456.	3.1	13
819	An Anaerobic Methane-Oxidizing Community of ANME-1b Archaea in Hypersaline Gulf of Mexico Sediments. Applied and Environmental Microbiology, 2006, 72, 7218-7230.	3.1	206
820	Metagenomics. , 2006, , 189-206.		0
822	Succession of Sulfur-Oxidizing Bacteria in the Microbial Community on Corroding Concrete in Sewer Systems. Applied and Environmental Microbiology, 2007, 73, 971-980.	3.1	277
823	Localization of Ruminal Cellulolytic Bacteria on Plant Fibrous Materials as Determined by Fluorescence In Situ Hybridization and Real-Time PCR. Applied and Environmental Microbiology, 2007, 73, 1646-1652.	3.1	103
824	Microbial Diversity within Early-Stage Cultured Panulirus ornatus Phyllosomas. Applied and Environmental Microbiology, 2007, 73, 1940-1951.	3.1	43

#	Article	IF	CITATIONS
825	Identification of nitrifiers in a full-scale biological treatment system using fluorescentin situhybridization. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2007, 42, 517-523.	1.7	1
826	The Search for Hunters: Culture-Dependent and -Independent Methods for Analysis of Bdellovibrio and Like Organisms. , 2006, , 191-211.		3
827	Improved Fluorescent In Situ Hybridization Method for Detection of Bacteria from Activated Sludge and River Water by Using DNA Molecular Beacons and Flow Cytometry. Applied and Environmental Microbiology, 2007, 73, 2020-2023.	3.1	38
828	MOLECULAR METHODS FOR STUDYING SOIL ECOLOGY. , 2007, , 85-118.		7
829	EFFECT OF TEMPERATURE DECREASE ON THE MICROBIAL POPULATION AND PROCESS PERFORMANCE OF A MESOPHILIC ANAEROBIC BIOREACTOR. Environmental Technology (United Kingdom), 2007, 28, 943-952.	2.2	26
830	Comparative study of the intestinal mucus barrier in normal and inflamed colon. Gut, 2007, 56, 343-350.	12.1	297
831	" <i>Candidatus</i> Bacilloplasma,―a Novel Lineage of <i>Mollicutes</i> Associated with the Hindgut Wall of the Terrestrial Isopod <i>Porcellio scaber</i> (Crustacea: Isopoda). Applied and Environmental Microbiology, 2007, 73, 5566-5573.	3.1	98
832	Culture-Dependent and -Independent Characterization of Microbial Communities Associated with a Shallow Submarine Hydrothermal System Occurring within a Coral Reef off Taketomi Island, Japan. Applied and Environmental Microbiology, 2007, 73, 7642-7656.	3.1	104
833	The SAR92 Clade: an Abundant Coastal Clade of Culturable Marine Bacteria Possessing Proteorhodopsin. Applied and Environmental Microbiology, 2007, 73, 2290-2296.	3.1	137
834	Enigmatic dual symbiosis in the excretory organ of Nautilus macromphalus (Cephalopoda:) Tj ETQq1 1 0.784314	rgBT /Ove	rlock 10 Tf 5
835	Localization and Visualization of a <i>Coxiella</i> -Type Symbiont within the Lone Star Tick, <i>Amblyomma americanum</i> . Applied and Environmental Microbiology, 2007, 73, 6584-6594.	3.1	124
836	Spatial and Temporal Population Dynamics of a Naturally Occurring Two-Species Microbial Community inside the Digestive Tract of the Medicinal Leech. Applied and Environmental Microbiology, 2007, 73, 1984-1991.	3.1	53
837	Automated Image Analysis for Quantitative Fluorescence In Situ Hybridization with Environmental Samples. Applied and Environmental Microbiology, 2007, 73, 2956-2962.	3.1	32
838	Experimental and simulation analysis of community structure of nitrifying bacteria in a membrane-aerated biofilm. Water Science and Technology, 2007, 55, 283-290.	2.5	43
839	Molecular Technologies for Detecting and Characterizing Pathogens. , 0, , 155-173.		0
840	Modes of operation and pH control as enhancement factors for partial nitrification with oxygen transport limitation. Water Research, 2007, 41, 4621-4629.	11.3	65
841	Microbiological aspects of phyllosoma rearing of the ornate rock lobster Panulirus ornatus. Aquaculture, 2007, 268, 274-287.	3.5	31
842	Advances in nucleic acid-based diagnostics of bacterial infections. Clinica Chimica Acta, 2007, 384, 1-11.	1.1	107

#	Article	IF	CITATIONS
843	Microorganisms Involved in Bioleaching and Nucleic Acid-Based Molecular Methods for Their Identification and Quantification. , 2007, , 3-33.		75
844	A novel and in situ technique for the quantitative detection of MTBE and benzene degrading bacteria in contaminated matrices. Journal of Microbiological Methods, 2007, 68, 437-441.	1.6	12
845	RNA microarray for estimating relative abundance of 16S rRNA in microbial communities. Journal of Microbiological Methods, 2007, 69, 406-410.	1.6	4
846	In situ evidence for microdomains in the polymer matrix of bacterial microcolonies. Canadian Journal of Microbiology, 2007, 53, 450-458.	1.7	99
847	Viscosity gradient within the mucus layer determines the mucosal barrier function and the spatial organization of the intestinal microbiota. Inflammatory Bowel Diseases, 2007, 13, 963-970.	1.9	119
850	Oligonucleotide Probes for RNAâ€Targeted Fluorescence In Situ Hybridization. Advances in Clinical Chemistry, 2007, , 79-115.	3.7	38
851	Techniques for Detecting and Identifying Acidophilic Mineral-Oxidizing Microorganisms. , 2007, , 237-261.		75
853	Phylogenetic diversity of â€~Endomicrobia' and their specific affiliation with termite gut flagellates. Microbiology (United Kingdom), 2007, 153, 3458-3465.	1.8	75
854	Insect-Microbe Mutualism without Vertical Transmission: a Stinkbug Acquires a Beneficial Gut Symbiont from the Environment Every Generation. Applied and Environmental Microbiology, 2007, 73, 4308-4316.	3.1	408
855	Membrane Biofouling in Pilot-Scale Membrane Bioreactors (MBRs) Treating Municipal Wastewater:Â Impact of Biofilm Formation. Environmental Science & Technology, 2007, 41, 632-638.	10.0	219
856	Molecular Detection in Integrated Pest and Disease Management. , 2007, , 305-328.		2
857	The Use of CARD-FISH to Evaluate the Quantitative Microbial Ecology Involved in the Continuous Bioleaching of a Cobaltiferrous Pyrite. Advanced Materials Research, 0, 20-21, 565-568.	0.3	6
858	Bacterial Communities within Digestive Tracts of Ground Beetles (Coleoptera: Carabidae). Annals of the Entomological Society of America, 2007, 100, 275-282.	2.5	50
859	Diazotrophic Bacterial Endophytes in Gramineae and Other Plants. Microbiology Monographs, 2007, , 273-302.	0.6	7
860	Predictions for the Future of Microbial Oceanography. Oceanography, 2007, 20, 166-171.	1.0	3
862	Using respirometric techniques and fluorescent in situ hybridization to evaluate the heterotrophic active biomass in activated sludge. Biotechnology and Bioengineering, 2007, 98, 561-568.	3.3	3
863	Patchy distribution of mucosal lesions in ileal Crohn's disease is not linked to differences in the dominant mucosa-associated bacteria. Inflammatory Bowel Diseases, 2007, 13, 684-692.	1.9	54
864	Assessment of partial nitrification reactor performance through microbial population shift using quinone profile, FISH and SEM. Bioresource Technology, 2007, 98, 3602-3610.	9.6	53

#	Article	IF	CITATIONS
865	Obtaining and characterization of DNA-containing micromummies of yeasts and gram-positive bacteria with enhanced cell wall permeability: Application in PCR. Microbiology, 2007, 76, 60-69.	1.2	3
866	Molecular characterisation of the gut microflora of healthy and inflammatory bowel disease cats using fluorescence in situ hybridisation with special reference to Desulfovibrio spp Journal of Animal Physiology and Animal Nutrition, 2007, 91, 48-53.	2.2	83
867	Diversity and abundance of Gram positive bacteria in a tidal flat ecosystem. Environmental Microbiology, 2007, 9, 1810-1822.	3.8	55
868	Microbial control of phosphate in the nutrient-depleted North Atlantic subtropical gyre. Environmental Microbiology, 2007, 9, 2079-2089.	3.8	105
869	Anaerobic degradation of benzene by a marine sulfateâ€reducing enrichment culture, and cell hybridization of the dominant phylotype. Environmental Microbiology, 2008, 10, 10-19.	3.8	84
870	Harsh summer conditions caused structural and specific functional changes of microbial communities in an arable soil. European Journal of Soil Science, 2007, 58, 736-745.	3.9	11
871	Both sulfate-reducing bacteria and Enterobacteriaceae take part in marine biocorrosion of carbon steel. Journal of Applied Microbiology, 2007, 102, 161-168.	3.1	72
872	Characterization of two ammonia-oxidizing bacteria isolated from reactors operated with low dissolved oxygen concentrations. Journal of Applied Microbiology, 2007, 102, 1401-1417.	3.1	98
873	Hydrolysis and microbial community analyses in two-stage anaerobic digestion of energy crops. Journal of Applied Microbiology, 2007, 103, 516-527.	3.1	186
874	Prokaryotic community analysis with CARD-FISH in comparison with FISH in ultra-oligotrophic ground- and drinking water. Journal of Applied Microbiology, 2007, 103, 871-881.	3.1	37
875	A survey of the relative abundance of specific groups of cellulose degrading bacteria in anaerobic environments using fluorescencein situhybridization. Journal of Applied Microbiology, 2007, 103, 1332-1343.	3.1	14
876	A bacterial population study of commercialized wastewater inoculants. Journal of Applied Microbiology, 2007, 103, 2006-2015.	3.1	4
877	<i>In situ</i> identification of streptococci and other bacteria in initial dental biofilm by confocal laser scanning microscopy and fluorescence <i>in situ</i> hybridization. European Journal of Oral Sciences, 2007, 115, 459-467.	1.5	102
878	Bacterial community structure associated with the Antarctic soft coral, Alcyonium antarcticum. FEMS Microbiology Ecology, 2007, 59, 81-94.	2.7	83
879	Succession in the intestinal microbiota of preadolescent turkeys. FEMS Microbiology Ecology, 2007, 60, 136-147.	2.7	64
880	High-resolution analysis of salmonellae from turtles within a headwater spring ecosystem. FEMS Microbiology Ecology, 2007, 60, 148-155.	2.7	13
881	The effect of quorum-sensing blockers on the formation of marine microbial communities and larval attachment. FEMS Microbiology Ecology, 2007, 60, 177-188.	2.7	75
882	Bacterial symbionts in the hepatopancreas of isopods: diversity and environmental transmission. FEMS Microbiology Ecology, 2007, 61, 141-152.	2.7	72

#	Article	IF	CITATIONS
883	Saprophytic growth of inoculated Frankia sp. in soil microcosms. FEMS Microbiology Ecology, 2007, 62, 280-289.	2.7	32
884	Bacterial and fungal deterioration of the Milan Cathedral marble treated with protective synthetic resins. Science of the Total Environment, 2007, 385, 172-181.	8.0	109
885	Potential roles of succinic acid against colonization by a tubeworm. Journal of Experimental Marine Biology and Ecology, 2007, 349, 1-11.	1.5	13
886	Primary co-culture as a complementary approach to explore the diversity of bacterial associations in marine invertebrates: the example of Nautilus macromphalus (Cephalopoda: Nautiloidea). Marine Biology, 2007, 150, 749-757.	1.5	5
887	Food composition of crinoids (Crinoidea: Echinodermata) in relation to stalk length and fan density: their paleoecological implications. Marine Biology, 2007, 152, 959-968.	1.5	18
888	Bacterial Community Structure of Biofilms on Artificial Surfaces in an Estuary. Microbial Ecology, 2007, 53, 153-162.	2.8	161
889	Molecular Monitoring of Microbial Population Dynamics During Operational Periods of Anaerobic Hybrid Reactor Treating Cassava Starch Wastewater. Microbial Ecology, 2007, 54, 21-30.	2.8	19
890	Spatial and Temporal Distribution of the Vibrionaceae in Coastal Waters of Hawaii, Australia, and France. Microbial Ecology, 2007, 54, 314-323.	2.8	39
891	Reactivation of aerobic and anaerobic ammonium oxidizers in OLAND biomass after long-term storage. Applied Microbiology and Biotechnology, 2007, 74, 1376-1384.	3.6	68
892	Microbial Community Comparison of Different Biological Processes for Treating the Same Sewage. World Journal of Microbiology and Biotechnology, 2007, 23, 135-143.	3.6	10
893	Identification of a Vibrio strain producing antimicrobial agents in the excretory organs of Nautilus pompilius (Cephalopoda: Nautiloidea). Reviews in Fish Biology and Fisheries, 2007, 17, 197-205.	4.9	2
894	Cill-symbiosis in mytilidae associated with wood fall environments. Zoomorphology, 2007, 126, 163-172.	0.8	13
895	Azospirillum amazonense inoculation: effects on growth, yield and N2 fixation of rice (Oryza sativa) Tj ETQq0 0 0	rgBT /Ove	erlock 10 Tf 5 149
896	A comparative assessment of molecular biological and direct microscopic techniques for assessing aquatic systems. Environmental Monitoring and Assessment, 2008, 145, 465-473.	2.7	0
897	In situ hybridization of microcolonies using catalyzed reporter deposition with tetramethylbenzidine: a method for detecting low numbers of bacterial cells in drinking water. European Food Research and Technology, 2008, 227, 995-999.	3.3	1
898	Analysis of Microbial Community during Biofilm Development in an Anaerobic Wastewater Treatment Reactor. Microbial Ecology, 2008, 56, 121-132.	2.8	104
899	Bacterial Population Structure of the Jute-Retting Environment. Microbial Ecology, 2008, 56, 270-282.	2.8	35
900	Comparison of the Cecal Microbiota of Domestic and Wild Turkeys. Microbial Ecology, 2008, 56, 322-331.	2.8	118

#	Article	IF	CITATIONS
901	Effect of bulk liquid BOD concentration on activity and microbial community structure of a nitrifying, membrane-aerated biofilm. Applied Microbiology and Biotechnology, 2008, 81, 153-162.	3.6	43
902	The use of magnesium peroxide for the inhibition of sulfate-reducing bacteria under anoxic conditions. Journal of Industrial Microbiology and Biotechnology, 2008, 35, 1481-1491.	3.0	12
903	Development of a correlation to study parameters affecting nitrification in a domestic wastewater treatment plant. Journal of Chemical Technology and Biotechnology, 2008, 83, 299-308.	3.2	7
904	Effect of shear on performance and microbial ecology of continuously stirred anaerobic digesters treating animal manure. Biotechnology and Bioengineering, 2008, 100, 38-48.	3.3	147
905	Effect of oxygen gradients on the activity and microbial community structure of a nitrifying, membraneâ€∎erated biofilm. Biotechnology and Bioengineering, 2008, 101, 1193-1204.	3.3	105
907	Evolution of microorganisms in thermophilic-dry anaerobic digestion. Bioresource Technology, 2008, 99, 3233-3243.	9.6	92
908	Evaluation of oxygen adaptation and identification of functional bacteria composition for anammox consortium in non-woven biological rotating contactor. Bioresource Technology, 2008, 99, 8273-8279.	9.6	89
909	Long-term storage and subsequent reactivation of aerobic granules. Bioresource Technology, 2008, 99, 8304-8309.	9.6	59
910	Clarithromycin Resistance of <i>Helicobacter pylori</i> Strains Isolated from Children' Gastric Antrum and Fundus as Assessed by Fluorescent Inâ€situ Hybridization and Culture on Fourâ€Sector Agar Plates. Helicobacter, 2008, 13, 557-563.	3.5	26
911	An adherent Gardnerella vaginalis biofilm persists on the vaginal epithelium after standard therapy with oral metronidazole. American Journal of Obstetrics and Gynecology, 2008, 198, 97.e1-97.e6.	1.3	250
912	Candidatus â€Â~Brocadia fulgida': an autofluorescent anaerobic ammonium oxidizing bacterium. FEMS Microbiology Ecology, 2008, 63, 46-55.	S _{2.7}	388
913	Nitrosomonas Nm143-like ammonia oxidizers and Nitrospira marina-like nitrite oxidizers dominate the nitrifier community in a marine aquaculture biofilm. FEMS Microbiology Ecology, 2008, 63, 192-204.	2.7	127
914	Endophytic root colonization of gramineous plants by Herbaspirillum frisingense. FEMS Microbiology Ecology, 2008, 66, 85-95.	2.7	81
915	Selective recruitment of bacteria during embryogenesis of an earthworm. ISME Journal, 2008, 2, 510-518.	9.8	60
916	Cultivating previously uncultured soil bacteria using a soil substrate membrane system. Nature Protocols, 2008, 3, 1261-1269.	12.0	85
917	Single-cell identification in microbial communities by improved fluorescence in situ hybridization techniques. Nature Reviews Microbiology, 2008, 6, 339-348.	28.6	647
918	Cultivation of a thermophilic ammonia oxidizing archaeon synthesizing crenarchaeol. Environmental Microbiology, 2008, 10, 810-818.	3.8	621
919	Characterization of a homogeneous taxonomic group of marine magnetotactic cocci within a low tide zone in the China Sea. Environmental Microbiology, 2008, 10, 1158-1164.	3.8	58

#	Article	IF	CITATIONS
920	Microbial diversity of mid-stage Palinurid phyllosoma from Great Barrier Reef waters. Journal of Applied Microbiology, 2008, 105, 340-350.	3.1	15
921	Specific detection and quantitative enumeration of <i>Listeria</i> spp. using fluorescent <i>in situ</i> hybridization in combination with filter cultivation (FISHFC). Journal of Applied Microbiology, 2008, 105, 502-509.	3.1	33
922	Molecular analysis of the digestive microbiota in a gnotobiotic mouse model during antibiotic treatment: Influence of Saccharomyces boulardii. Anaerobe, 2008, 14, 229-233.	2.1	62
923	Bacterial Biofilm Suppression with Antibiotics for Ulcerative and Indeterminate Colitis: Consequences of Aggressive Treatment. Archives of Medical Research, 2008, 39, 198-204.	3.3	32
924	Comparison of various staining methods for the detection of Cryptosporidium in cell-free culture. Experimental Parasitology, 2008, 120, 67-72.	1.2	24
925	Microbial diversity in polluted harbor sediments I: Bacterial community assessment based on four clone libraries of 16S rDNA. Estuarine, Coastal and Shelf Science, 2008, 76, 668-681.	2.1	87
926	Simultaneous removal of COD and nitrogen using a novel carbon-membrane aerated biofilm reactor. Journal of Environmental Sciences, 2008, 20, 142-148.	6.1	41
927	Do transgenic plants affect rhizobacteria populations?. Microbial Biotechnology, 2008, 1, 463-475.	4.2	35
928	Detection of microorganisms in undisturbed soil by combining fluorescence in situ hybridization (FISH) and micropedological methods. Soil Biology and Biochemistry, 2008, 40, 1284-1293.	8.8	77
929	Improved detection of soil microorganisms using fluorescence in situ hybridization (FISH) and catalyzed reporter deposition (CARD-FISH). Soil Biology and Biochemistry, 2008, 40, 1883-1891.	8.8	112
931	Bifidobacterium pseudocatenulatum is associated with atopic eczema: A nested case-control study investigating the fecal microbiota of infants. Journal of Allergy and Clinical Immunology, 2008, 121, 135-140.	2.9	106
932	Growth-promoting effects of a bacterium on raphidophytes and other phytoplankton. Harmful Algae, 2008, 7, 1-10.	4.8	31
933	The association of algicidal bacteria and raphidophyte blooms in South Carolina brackish detention ponds. Harmful Algae, 2008, 7, 184-193.	4.8	33
934	Catalyzed reporter deposition-fluorescent in situ hybridization (CARD-FISH) detection of Dehalococcoides. Journal of Microbiological Methods, 2008, 73, 142-147.	1.6	19
935	Fixation procedures for flow cytometric analysis of environmental bacteria. Journal of Microbiological Methods, 2008, 75, 127-134.	1.6	37
936	Imbalance in intestinal microflora constitution could be involved in the pathogenesis of inflammatory bowel disease. International Journal of Medical Microbiology, 2008, 298, 463-472.	3.6	281
937	Easy flat embedding of oriented samples in hydrophilic resin (LR White) under controlled atmosphere: Application allowing both nucleic acid hybridizations (CARD-FISH) and ultrastructural observations. Acta Histochemica, 2008, 110, 427-431.	1.8	10
938	Evaluation of molecular methods used for establishing the interactions and functions of microorganisms in anaerobic bioreactors. Water Research, 2008, 42, 513-537.	11.3	128

#	Article	IF	CITATIONS
939	Distribution of Nitrosomonas europaea and Nitrobacter winogradskyi in an autotrophic nitrifying biofilm reactor as depicted by molecular analyses and mathematical modelling. Water Research, 2008, 42, 1700-1714.	11.3	28
940	Presence and activity of ammonia-oxidising bacteria detected amongst the overall bacterial diversity along a physico-chemical gradient of a nitrifying wastewater treatment plant. Water Research, 2008, 42, 2863-2872.	11.3	20
941	The microbial diversity of laboratory-scale wetlands appears to be randomly assembled. Water Research, 2008, 42, 3182-3190.	11.3	54
942	Total nitrogen removal in a hybrid, membrane-aerated activated sludge process. Water Research, 2008, 42, 3697-3708.	11.3	85
943	Quantification of Target Molecules Needed To Detect Microorganisms by Fluorescence In Situ Hybridization (FISH) and Catalyzed Reporter Deposition-FISH. Applied and Environmental Microbiology, 2008, 74, 5068-5077.	3.1	114
944	Detection of Salmonellae from Fish in a Natural River System. Journal of Aquatic Animal Health, 2008, 20, 150-157.	1.4	18
945	Photosynthesis, Respiration and Exopolymer Calcium-Binding in Biofilm Calcification (Westerhöfer) Tj ETQqO 0 C) rgBT /Ovo 2.0	erlock 10 Tf
946	Biogeochemistry and Community Composition of Iron- and Sulfur-Precipitating Microbial Mats at the Chefren Mud Volcano (Nile Deep Sea Fan, Eastern Mediterranean). Applied and Environmental Microbiology, 2008, 74, 3198-3215.	3.1	137
947	Fungal and bacterial communities across meadow–forest ecotones in the western Cascades of Oregon. Canadian Journal of Forest Research, 2008, 38, 1053-1060.	1.7	16
948	Partial Nitrification Achieved by Pulse Sulfide Doses in a Sequential Batch Reactor. Environmental Science & Technology, 2008, 42, 8715-8720.	10.0	73
949	Use of Fluorescence In Situ Hybridization for Rapid Identification of Staphylococci in Blood Culture Samples Collected in a Portuguese Hospital. Journal of Clinical Microbiology, 2008, 46, 3097-3100.	3.9	16
950	Enzymatic Permeabilization of the Thecate Dinoflagellate <i>Alexandrium minutum</i> (Dinophyceae) Yields Detection of Intracellularly Associated Bacteria via Catalyzed Reporter Deposition-Fluorescence In Situ Hybridization. Applied and Environmental Microbiology, 2008, 74, 2244-2247.	3.1	12

951	Relating Performance And Bacterial Population Dynamics During The Startup Of A Full-Scale Enhanced Biological Phosphorus Removal Process. Proceedings of the Water Environment Federation, 2008, 2008, 55-69.	0.0	0
952	Evidence of Multiple <i>Treponema</i> Phylotypes Involved in Bovine Digital Dermatitis as Shown by 16S rRNA Gene Analysis and Fluorescence In Situ Hybridization. Journal of Clinical Microbiology, 2008, 46, 3012-3020.	3.9	102
953	The Mucin Degrader <i>Akkermansia muciniphila</i> Is an Abundant Resident of the Human Intestinal Tract. Applied and Environmental Microbiology, 2008, 74, 1646-1648.	3.1	517
954	Characterization of the Community Structure of a Dechlorinating Mixed Culture and Comparisons of Gene Expression in Planktonic and Biofloc-Associated " <i>Dehalococcoides</i> ― and <i>Methanospirillum</i> Species. Applied and Environmental Microbiology, 2008, 74, 6709-6719.	3.1	52
955	Identification of a Ciliate (Oligohymenophorea: Scuticociliatia) Associated with Brown Band Disease on Corals of the Great Barrier Reef. Applied and Environmental Microbiology, 2008, 74, 883-888.	3.1	62
956	Sustainable nitrogen removal from wastewater with the hybrid membrane biofilm process (HMBP): bench-scale studies. Water Science and Technology, 2008, 58, 1715-1720.	2.5	3

# 957	ARTICLE Long-term assessment of nitrification in a full-scale wastewater treatment plant. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2008, 43, 538-546.	IF 1.7	Citations 7
958	The Role of Microbiota and Probiotics in Stress-Induced Gastrointestinal Damage. Current Molecular Medicine, 2008, 8, 282-298.	1.3	161
959	Genomic Differences between <i>Fibrobacter succinogenes</i> S85 and <i>Fibrobacter intestinalis</i> DR7, Identified by Suppression Subtractive Hybridization. Applied and Environmental Microbiology, 2008, 74, 987-993.	3.1	14
960	Combined activated sludge with partial nitrification (AS/PN) and anammox processes for treatment of seafood processing wastewater. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2008, 43, 1198-1208.	1.7	14
961	Development of the Reverse Passive Latex Agglutination Method for the Detection and Quantification of the GenusNitrospirain the Wastewater Treatment Process. Bioscience, Biotechnology and Biochemistry, 2008, 72, 360-367.	1.3	0
962	Community-Level Assessment of the Effects of the Broad-Spectrum Antimicrobial Chlorhexidine on the Outcome of River Microbial Biofilm Development. Applied and Environmental Microbiology, 2008, 74, 3541-3550.	3.1	39
963	Colonic gene expression profile in NHE3-deficient mice: evidence for spontaneous distal colitis. American Journal of Physiology - Renal Physiology, 2008, 295, G63-G77.	3.4	78
964	Bacterial Colonization and Weathering of Terrestrial Obsidian in Iceland. Geomicrobiology Journal, 2008, 25, 25-37.	2.0	49
965	Microbial Methane Formation from Hard Coal and Timber in an Abandoned Coal Mine. Geomicrobiology Journal, 2008, 25, 315-321.	2.0	77
966	Effects on Faecal Microbiota of Dietary and Acidic Oligosaccharides in Children During Partial Formula Feeding. Journal of Pediatric Gastroenterology and Nutrition, 2008, 46, 580-588.	1.8	54
967	Assessing nutrient limitation of Prochlorococcus in the North Pacific subtropical gyre by using an RNA capture method. Limnology and Oceanography, 2008, 53, 78-88.	3.1	59
968	The Hybrid Membrane Biofilm Process for TN Removal from Wastewater: Bench and Pilot Scale Studies. , 2008, , .		0
969	EFFECTS OF THE VETERINARY ANTIMICROBIAL TYLOSIN ON ANAEROBIC DIGESTION. Proceedings of the Water Environment Federation, 2008, 2008, 7517-7523.	0.0	0
970	Particulate organic carbon (POC) in relation to other pore water carbon fractions in drained and rewetted fens in Southern Germany. Biogeosciences, 2008, 5, 1615-1623.	3.3	19
971	Biogeochemical processes and microbial diversity of the Gullfaks and Tommeliten methane seeps (Northern North Sea). Biogeosciences, 2008, 5, 1127-1144.	3.3	54
972	Fine scale analysis of shifts in bacterial community structure in the chemocline of meromictic Lake Cadagno, Switzerland. Journal of Limnology, 2009, 68, 16.	1.1	23
973	Molecular biology techniques and applications for ocean sensing. Ocean Science, 2009, 5, 101-113.	3.4	9
975	The Effect of Higher Sludge Recycling Rate on Anaerobic Treatment of Palm Oil Mill Effluent in a Semi-Commercial Closed Digester for Renewable Energy. American Journal of Biochemistry and Biotechnology, 2009, 5, 1-6.	0.4	24

#	Article	IF	CITATIONS
976	Comparative digestive ability and rumen microbial community of N'Dama and N'Dama x Jersey cattle fed different diets. South African Journal of Animal Sciences, 2009, 39, .	0.5	2
977	Tools for stools: the challenge of assessing human intestinal microbiota using molecular diagnostics. Expert Review of Molecular Diagnostics, 2009, 9, 353-365.	3.1	27
978	Microhabitats within Venomous Cone Snails Contain Diverse Actinobacteria. Applied and Environmental Microbiology, 2009, 75, 6820-6826.	3.1	43
979	Efficient and integrated start-up strategy for partial nitrification to nitrite treating low C/N domestic wastewater. Water Science and Technology, 2009, 60, 3243-3251.	2.5	14
980	PCR-based DGGE and FISH analysis of methanogens in an anaerobic closed digester tank for treating palm oil mill effluent. Electronic Journal of Biotechnology, 2009, 12, .	2.2	20
981	Assessment of the Diversity, Abundance, and Ecological Distribution of Members of Candidate Division SR1 Reveals a High Level of Phylogenetic Diversity but Limited Morphotypic Diversity. Applied and Environmental Microbiology, 2009, 75, 4139-4148.	3.1	46
982	Macrolide Resistance in Microorganisms at Antimicrobial-Free Swine Farms. Applied and Environmental Microbiology, 2009, 75, 5814-5820.	3.1	22
983	Detection and persistence of fecal Bacteroidales as water quality indicators in unchlorinated drinking water. Systematic and Applied Microbiology, 2009, 32, 362-370.	2.8	12
984	In situ detection of antibiotic-resistance elements in single Bacillus cereus spores. Systematic and Applied Microbiology, 2009, 32, 323-333.	2.8	10
985	"Candidatus Paraholospora nucleivisitansâ€; an intracellular bacterium in Paramecium sexaurelia shuttles between the cytoplasm and the nucleus of its host. Systematic and Applied Microbiology, 2009, 32, 490-500.	2.8	35
986	Blochmannia endosymbionts improve colony growth and immune defence in the ant Camponotus fellah. BMC Microbiology, 2009, 9, 29.	3.3	64
987	Characterization of fecal microbiota from a Salmonella endemic cattle herd as determined by oligonucleotide fingerprinting of rDNA genes. Veterinary Microbiology, 2009, 136, 285-292.	1.9	19
988	Fluorescent in situ hybridization in combination with filter cultivation (FISHFC) method for specific detection and enumeration of viable Clostridium perfringens. Food Microbiology, 2009, 26, 425-431.	4.2	23
989	Effect of hydraulic retention time on the hydrogen yield and population of Clostridium in hydrogen fermentation of glucose. Journal of Environmental Sciences, 2009, 21, 424-428.	6.1	14
990	Characterization of high molecular weight coffee fractions and their fermentation by human intestinal microbiota. Molecular Nutrition and Food Research, 2009, 53, 287-299.	3.3	64
991	Biological removal of 17αâ€ethinylestradiol (EE2) in an aerated nitrifying fixed bed reactor during ammonium starvation. Journal of Chemical Technology and Biotechnology, 2009, 84, 119-125.	3.2	53
992	Applications of flow cytometry in environmental microbiology and biotechnology. Extremophiles, 2009, 13, 389-401.	2.3	41
993	Microbial methane oxidation and sulfate reduction at cold seeps of the deep Eastern Mediterranean Sea. Marine Geology, 2009, 261, 114-127.	2.1	69

#	Article	IF	CITATIONS
994	Effect of single-species and mixed-species leaf leachate on bacterial communities in biofilms. Hydrobiologia, 2009, 636, 65-76.	2.0	10
995	Microbial community structures in conventional activated sludge system and membrane bioreactor (MBR). Biotechnology and Bioprocess Engineering, 2009, 14, 848-853.	2.6	13
996	Mapping the protistan 'rare biosphere'. Journal of Biology, 2009, 8, 105.	2.7	28
997	Microbiology and performance of a methanogenic biofilm reactor during the start-up period. Journal of Applied Microbiology, 2009, 106, 863-876.	3.1	21
998	Cospeciation of termite gut flagellates and their bacterial endosymbionts: <i>Trichonympha</i> species and â€~ <i>Candidatus</i> Endomicrobium trichonymphae'. Molecular Ecology, 2009, 18, 332-342.	3.9	116
999	Isotope array analysis of <i>Rhodocyclales</i> uncovers functional redundancy and versatility in an activated sludge. ISME Journal, 2009, 3, 1349-1364.	9.8	86
1000	" <i>Candidatus</i> Cryptoprodotis polytropus,―A Novel <i>Rickettsia</i> ‣ike Organism in the Ciliated Protist <i>Pseudomicrothorax dubius</i> (Ciliophora, Nassophorea). Journal of Eukaryotic Microbiology, 2009, 56, 119-129.	1.7	57
1001	Identity and ecophysiology of filamentous bacteria in activated sludge. FEMS Microbiology Reviews, 2009, 33, 969-998.	8.6	185
1002	Molecular characterization and in situ quantification of anoxic arsenite-oxidizing denitrifying enrichment cultures. FEMS Microbiology Ecology, 2009, 68, 72-85.	2.7	51
1003	Combined monitoring of changes in δ13CH4 and archaeal community structure during mesophilic methanization of municipal solid waste. FEMS Microbiology Ecology, 2009, 68, 236-245.	2.7	69
1004	Growth of Frankia strains in leaf litter-amended soil and the rhizosphere of a nonactinorhizal plant. FEMS Microbiology Ecology, 2009, 70, 132-141.	2.7	19
1005	Detection of a single bacterial cell using a 16S ribosomal RNAâ€specific oligonucleotide probe designed to investigate periodontal pathogens. Oral Microbiology and Immunology, 2009, 24, 133-140.	2.8	1
1006	The impact of temperature change on the activity and community composition of sulfateâ€reducing bacteria in arctic versus temperate marine sediments. Environmental Microbiology, 2009, 11, 1692-1703.	3.8	82
1007	Stratified bacterial community in the bladder of the medicinal leech, <i>Hirudo verbana</i> . Environmental Microbiology, 2009, 11, 2758-2770.	3.8	35
1008	Deep sequencing reveals exceptional diversity and modes of transmission for bacterial sponge symbionts. Environmental Microbiology, 2010, 12, 2070-2082.	3.8	394
1009	Strict cospeciation of devescovinid flagellates and <i>Bacteroidales</i> ectosymbionts in the gut of dryâ€wood termites (Kalotermitidae). Environmental Microbiology, 2010, 12, 2120-2132.	3.8	88
1010	Analysis of methanogenic activity in a thermophilic-dry anaerobic reactor: Use of fluorescent in situ hybridization. Waste Management, 2009, 29, 1144-1151.	7.4	47
1011	Biostabilization assessment of MSW co-disposed with MSWI fly ash in anaerobic bioreactors. Journal of Hazardous Materials, 2009, 162, 1233-1242.	12.4	61

#	Article	IF	CITATIONS
1012	Effective and robust partial nitrification to nitrite by real-time aeration duration control in an SBR treating domestic wastewater. Process Biochemistry, 2009, 44, 979-985.	3.7	86
1013	Long-term effect of dissolved oxygen on partial nitrification performance and microbial community structure. Bioresource Technology, 2009, 100, 2796-2802.	9.6	194
1014	Uncultivated Magnetotactic Cocci from Yuandadu Park in Beijing, China. Applied and Environmental Microbiology, 2009, 75, 4046-4052.	3.1	69
1015	Nitrogen Removal from Digested Black Water by One-Stage Partial Nitritation and Anammox. Environmental Science & Technology, 2009, 43, 5035-5041.	10.0	160
1016	Nucleic Acid-Based Techniques for Studying Diversity and Activity of Bacterial Communities in Oil-Contaminated Sediments. , 2008, , 97-160.		3
1017	Colonization of sugarcane plantlets by mixed inoculations with diazotrophic bacteria. European Journal of Soil Biology, 2009, 45, 106-113.	3.2	85
1018	Biological removal of 17α-ethinylestradiol by a nitrifier enrichment culture in a membrane bioreactor. Water Research, 2009, 43, 2493-2503.	11.3	97
1019	Reversible shift in the α-, β- and γ-proteobacteria populations of drinking water biofilms during discontinuous chlorination. Water Research, 2009, 43, 3375-3386.	11.3	80
1020	Distributions and activities of ammonia oxidizing bacteria and polyphosphate accumulating organisms in a pumped-flow biofilm reactor. Water Research, 2009, 43, 4599-4609.	11.3	15
1021	Detection of iron-depositing Pedomicrobium species in native biofilms from the Odertal National Park by a new, specific FISH probe. Journal of Microbiological Methods, 2009, 79, 37-43.	1.6	23
1022	Localization, abundance and community structure of bacteria associated with Artemia: Effects of nauplii enrichment and antimicrobial treatment. Aquaculture, 2009, 293, 278-285.	3.5	55
1023	Peracetic acid degradation and effects on nitrification in recirculating aquaculture systems. Aquaculture, 2009, 296, 246-254.	3.5	104
1024	FISH in Food Microbiology. , 2009, , 395-408.		2
1025	Auditory and Vestibular Research. Methods in Molecular Biology, 2009, , .	0.9	1
1026	Fluorescence In Situ Hybridization (FISH) $\hat{a} \in \mathbb{C}$ Application Guide. , 2009, , .		40
1027	The Ultramicrobacterium " <i>Elusimicrobium minutum</i> ―gen. nov., sp. nov., the First Cultivated Representative of the Termite Group 1 Phylum. Applied and Environmental Microbiology, 2009, 75, 2831-2840.	3.1	162
1028	Spatial distribution of ammonia-oxidizing bacteria in the biofilm and suspended growth biomass of the full- and partial-bed biological aerated filtersA paper submitted to the Journal of Environmental Engineering and Science Canadian Journal of Civil Engineering, 2009, 36, 1859-1866.	1.3	6
1029	Ultrastructural and molecular characterization of endosymbionts of the reed beetle genus <i>Macroplea</i> (Chrysomelidae, Donaciinae), and proposal of " <i>Candidatus</i> Macropleicola appendiculatae―and " <i>Candidatus</i> Macropleicola muticae― Canadian Journal of Microbiology, 2009. 55. 1250-1260.	1.7	32

#	Article	IF	CITATIONS
1030	Application of a novel biopolymer for removal of <i>Salmonella</i> from poultry wastewater. Environmental Technology (United Kingdom), 2009, 30, 337-344.	2.2	30
1031	Molecular characterization of the symbionts associated with marine nematodes of the genus <i>Robbea</i> ^{â€i} . Environmental Microbiology Reports, 2009, 1, 136-144.	2.4	46
1032	Granular biomass capable of partial nitritation and anammox. Water Science and Technology, 2009, 59, 609-617.	2.5	40
1034	Intestinal Microbiota of 6â€weekâ€old Infants Across Europe: Geographic Influence Beyond Delivery Mode, Breastâ€feeding, and Antibiotics. Journal of Pediatric Gastroenterology and Nutrition, 2010, 51, 77-84.	1.8	465
1036	Microbial Population Dynamics and Community Structure during the Formation of Nitrifying Granules to Treat Ammonia-Rich Inorganic Wastewater. Microbes and Environments, 2010, 25, 164-170.	1.6	20
1037	Characteristics of nitrogen removal and microbial distribution by application of spent sulfidic caustic in pilot scale wastewater treatment plant. Water Science and Technology, 2010, 62, 1440-1447.	2.5	3
1038	Comparison of Fecal Indicator Bacterial Populations in Surface Waters of the Kalamazoo River, USA. Microbes and Environments, 2010, 25, 41-44.	1.6	8
1039	Root Colonization by Pseudomonas sp. DSMZ 13134 and Impact on the Indigenous Rhizosphere Bacterial Community of Barley. Microbial Ecology, 2010, 60, 381-393.	2.8	89
1040	Characterization of Housing-Related Spontaneous Variations of Gut Microbiota and Expression of Toll-Like Receptors 2 and 4 in Rats. Microbial Ecology, 2010, 60, 691-702.	2.8	19
1041	Florida reef sponges harbor coral disease-associated microbes. Symbiosis, 2010, 51, 117-129.	2.3	23
1042	Effects of seawater acidification by ocean CO2 sequestration on bathypelagic prokaryote activities. Journal of Oceanography, 2010, 66, 571-580.	1.7	17
1043	Effect of substrate COD/N ratio on performance and microbial community structure of a membrane aerated biofilm reactor. Journal of Environmental Sciences, 2010, 22, 540-546.	6.1	40
1044	Identification and localization of food-source microbial nucleic acids inside soil nematodes. Soil Biology and Biochemistry, 2010, 42, 2005-2011.	8.8	9
1045	Rapid differentiation of Francisella species and subspecies by fluorescent in situ hybridization targeting the 23S rRNA. BMC Microbiology, 2010, 10, 72.	3.3	21
1046	Predation of Salmonella enterica serovar Typhimurium by the rumen protozoon Entodinium caudatum studied in vitro by fluorescence emission. European Journal of Protistology, 2010, 46, 189-195.	1.5	2
1047	Long term/low dose formalin exposure to small-scale recirculation aquaculture systems. Aquacultural Engineering, 2010, 42, 1-7.	3.1	23
1048	Rapid and multiple in situ identification and analyses of physiological status of specific bacteria based on fluorescent in situ hybridization. Journal of Bioscience and Bioengineering, 2010, 110, 716-719.	2.2	3
1049	Simultaneous partial nitrification, anaerobic ammonium oxidation and denitrification (SNAD) in a full-scale landfill-leachate treatment plant. Journal of Hazardous Materials, 2010, 175, 622-628.	12.4	214

#	Article	IF	CITATIONS
1050	Short- and long-term effects of temperature on partial nitrification in a sequencing batch reactor treating domestic wastewater. Journal of Hazardous Materials, 2010, 179, 471-479.	12.4	139
1051	Microbial mediated deterioration of reinforced concrete structures. International Biodeterioration and Biodegradation, 2010, 64, 748-754.	3.9	52
1052	The behavior of nitrifying sludge in presence of sulfur compounds using a floating biofilm reactor. Bioresource Technology, 2010, 101, 8593-8598.	9.6	30
1053	Nitrification of ammonium-rich sanitary landfill leachate. Waste Management, 2010, 30, 100-109.	7.4	42
1054	High-rate partial nitrification performance of high ammonium containing wastewater under low temperatures. Bioresource Technology, 2010, 101, 111-117.	9.6	65
1055	Effect of organic carbon on ammonia oxidizing bacteria in a mixed culture. Bioresource Technology, 2010, 101, 6454-6460.	9.6	39
1056	Control of Intestinal Homeostasis, Colitis, and Colitis-Associated Colorectal Cancer by the Inflammatory Caspases. Immunity, 2010, 32, 367-378.	14.3	461
1057	Application of segmented flow for quality control of food using microfluidic tools. Physica Status Solidi (A) Applications and Materials Science, 2010, 207, 904-912.	1.8	20
1058	Pioneering bacterial and algal communities and potential extracellular enzyme activities of stream biofilms. FEMS Microbiology Ecology, 2010, 71, 364-373.	2.7	52
1059	Metronidazole effects on microbiota and mucus layer thickness in the rat gut. FEMS Microbiology Ecology, 2010, 73, no-no.	2.7	41
1060	Microbiota of yellow grouper (Epinephelus awoora Temminck & Schlegel, 1842) fed two different diets. Aquaculture Research, 2010, 41, 1778-1790.	1.8	21
1061	Comparative study of a new quantitative real-time PCR targeting the xylulose-5-phosphate/fructose-6-phosphate phosphoketolase bifidobacterial gene (xfp) in faecal samples with two fluorescence in situ hybridization methods. Journal of Applied Microbiology, 2010, 108, 181-193.	3.1	36
1062	Natural whey starter for Parmigiano Reggiano: culture-independent approach. Journal of Applied Microbiology, 2010, 108, 1676-1684.	3.1	61
1063	Microbial nitrate-dependent cyclohexane degradation coupled with anaerobic ammonium oxidation. ISME Journal, 2010, 4, 1290-1301.	9.8	54
1064	Microbial characterization of a subzero, hypersaline methane seep in the Canadian High Arctic. ISME Journal, 2010, 4, 1326-1339.	9.8	76
1065	Evolution of butyric acid and the methanogenic microbial population in a thermophilic dry anaerobic reactor. Waste Management, 2010, 30, 1790-1797.	7.4	15
1066	Microbial community structure in autotrophic nitrifying granules characterized by experimental and simulation analyses. Environmental Microbiology, 2010, 12, 192-206.	3.8	108
1067	Double Labeling of Oligonucleotide Probes for Fluorescence <i>In Situ</i> Hybridization (DOPE-FISH) Improves Signal Intensity and Increases rRNA Accessibility. Applied and Environmental Microbiology, 2010, 76, 922-926.	3.1	160

#	Article	IF	CITATIONS
1068	Environmental Biotechnology in Water and Wastewater Treatment. Journal of Environmental Engineering, ASCE, 2010, 136, 348-353.	1.4	29
1069	A Great Leap forward in Microbial Ecology. Microbes and Environments, 2010, 25, 230-240.	1.6	48
1070	Lactobacilli Are Prominent in the Initial Stages of Polymicrobial Infection of Dental Pulp. Journal of Clinical Microbiology, 2010, 48, 1732-1740.	3.9	28
1071	Biological Phosphorus Removal Processes. , 2010, , 497-521.		1
1072	Molecular analyses of the diversity in marine bacterioplankton assemblages along the coastline of the northeastern Gulf of Mexico. Canadian Journal of Microbiology, 2010, 56, 853-863.	1.7	10
1073	Co-occurrence of nitrogen-converting organisms in full-scale treatment plants. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2010, 45, 1060-1070.	1.7	3
1074	Recent advances in the development of nucleic acid diagnostics. Expert Review of Medical Devices, 2010, 7, 529-539.	2.8	60
1075	Indigenous opportunistic bacteria inhabit mammalian gut-associated lymphoid tissues and share a mucosal antibody-mediated symbiosis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 7419-7424.	7.1	197
1076	Muc2 Protects against Lethal Infectious Colitis by Disassociating Pathogenic and Commensal Bacteria from the Colonic Mucosa. PLoS Pathogens, 2010, 6, e1000902.	4.7	501
1077	Assessing the abundance and activity of denitrifying polyphosphate accumulating organisms through molecular and chemical techniques. Water Science and Technology, 2010, 61, 2061-2068.	2.5	49
1078	Semisynthesis of 6-Chloropurine-2′-deoxyriboside 5′-Dimethoxytrityl 3′-(2-Cyanoethyl-N,N-diisopropylamino)Phosphoramidite and its Use in the Synthesis of Fluorescently Labeled Oligonucleotides. Nucleosides, Nucleotides and Nucleic Acids, 2010, 29, 831-840.	1.1	4
1079	Impact of pollution and seasonal changes on microbial community structure in surface water. Water Science and Technology, 2010, 61, 2787-2795.	2.5	15
1080	Ecological distribution and population physiology defined by proteomics in a natural microbial community. Molecular Systems Biology, 2010, 6, 374.	7.2	63
1081	Analysis of dust samples from the Middle East using high-density resequencing micro-array RPM-TEI. Proceedings of SPIE, 2010, , .	0.8	2
1082	Network analyses structure genetic diversity in independent genetic worlds. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 127-132.	7.1	265
1083	Fluorescence <i>in situ</i> hybridization in soil and water ecosystems: A useful method for studying the effect of xenobiotics on bacterial community structure. Toxicological and Environmental Chemistry, 2010, 92, 567-579.	1.2	37
1084	Cytological detection of <i>Wolbachia</i> in squashed and paraffin embedded insect tissues. Biotechnic and Histochemistry, 2010, 84, 347-353.	1.3	14
1085	Improving the isolation of anaerobes on solid media: The example of the fastidious Methanosaeta. Journal of Microbiological Methods, 2010, 80, 203-205.	1.6	12

		CITATION R	EPORT	
#	Article		IF	CITATIONS
1086	Fluorescence in situ hybridization rapidly detects three different pathogenic bacteria in u infection samples. Journal of Microbiological Methods, 2010, 83, 175-178.	urinary tract	1.6	21
1087	Characterization of microbial populations in pilot-scale fluidized-bed reactors treating pe and nitrate-laden brine. Water Research, 2010, 44, 4029-4036.	erchlorate-	11.3	35
1088	Application of Molecular Methods for Anaerobic Technology. , 2010, , 207-240.			0
1089	Mercury Speciation in Marine Sediments under Sulfate-Limited Conditions. Environment & amp; Technology, 2010, 44, 3752-3757.	al Science	10.0	26
1090	<i>Wolbachia</i> Infection in the <i>Chorthippus parallelus</i> Hybrid Zone: Evidence for Reproductive barrier. Journal of Orthoptera Research, 2010, 19, 205-212.	Its Role as a	1.0	17
1091	Psychrotrophic Strain of <i>Janthinobacterium lividum</i> from a Cold Alaskan Soil Produ Prodigiosin. DNA and Cell Biology, 2010, 29, 533-541.	ces	1.9	75
1093	Microbial Mats. Cellular Origin and Life in Extreme Habitats, 2010, , .		0.3	36
1095	Impact of microwave radiation on nitrogen removal and quantity of nitrifiers in biofilmA submitted to the Journal of Environmental Engineering and Science Canadian Journal or Engineering, 2010, 37, 661-666.	paper ^F Civil	1.3	7
1096	Aggregate Size and Architecture Determine Microbial Activity Balance for One-Stage Par Nitritation and Anammox. Applied and Environmental Microbiology, 2010, 76, 900-909.	tial	3.1	318
1097	Visualization of Fine-Scale Genomic Structure by Oligonucleotide-Based High-Resolution Cytogenetic and Genome Research, 2011, 132, 248-254.	FISH.	1.1	75
1098	Identification of Microorganisms Using the Ribosomal RNA Approach and Fluorescence I Hybridization. , 2011, , 171-189.	n Situ		15
1099	Ammonia-Oxidizing Bacteria in Wastewater. Methods in Enzymology, 2011, 496, 269-26	86.	1.0	19
1100	Evaluating seasonal dynamics of bacterial communities in marine fish aquaculture: a pre study before applying phage therapy. Journal of Environmental Monitoring, 2011, 13, 10		2.1	41
1101	Intracellular invasion of green algae in a salamander host. Proceedings of the National A Sciences of the United States of America, 2011, 108, 6497-6502.	cademy of	7.1	105
1102	Ecology and Cultivation of Marine Oligotrophic Bacteria. , 2011, , 1161-1178.			0
1103	Nitrification of high-strength ammonium landfill leachate with microbial community ana fluorescence in situ hybridization (FISH). Waste Management and Research, 2011, 29, 6		3.9	7
1105	Fluorescence In Situ Hybridization (FISH). Encyclopedia of Earth Sciences Series, 2011, ,	373-393.	0.1	0
1107	Molecular identification of rumen methanogens: Technologies, advances and prospects. Science and Technology, 2011, 166-167, 76-86.	Animal Feed	2.2	23

#	Article	IF	CITATIONS
1108	FISH analysis of Lactobacillus biofilms in the gastrointestinal tract of different hosts. Letters in Applied Microbiology, 2011, , no-no.	2.2	1
1109	Preferential ligation during TA-cloning of multitemplate PCR products — A factor causing bias in microbial community structure analysis. Journal of Microbiological Methods, 2011, 85, 131-136.	1.6	16
1110	Floc-based sequential partial nitritation and anammox at full scale with contrasting N2O emissions. Water Research, 2011, 45, 2811-2821.	11.3	166
1111	Selective sludge removal in a segregated aerobic granular biomass system as a strategy to control PAO–GAO competition at high temperatures. Water Research, 2011, 45, 3291-3299.	11.3	148
1112	<i>In situ</i> analysis of multispecies biofilm formation on customized titanium surfaces. Molecular Oral Microbiology, 2011, 26, 241-252.	2.7	60
1113	Single-cell response of bacterial groups to light and other environmental factors in the Delaware Bay, USA. Aquatic Microbial Ecology, 2011, 62, 267-277.	1.8	15
1114	Metagenomic Analysis Reveals Unexpected Subgenomic Diversity of Magnetotactic Bacteria within the Phylum <i>Nitrospirae</i> . Applied and Environmental Microbiology, 2011, 77, 323-326.	3.1	42
1115	High prevalence of dna from non-H. pylori helicobacters in the gastric mucosa of venezuelan pet dogs and its histological alterations. Revista Do Instituto De Medicina Tropical De Sao Paulo, 2011, 53, 207-212.	1.1	13
1116	Detection of Ammonia-oxidizing Bacteria (AOB) in the Biofilm and Suspended Growth Biomass of Fully- and Partially-packed Biological Aerated Filters. , 2011, , .		0
1117	Effect of irrigation water on the incidence of Salmonella spp. on lettuces produced by urban agriculture and sold on the markets in Dakar, Senegal. African Journal of Microbiology Research, 2011, 5, 2885-2890.	0.4	11
1118	pH Landscapes in a Novel Five-Species Model of Early Dental Biofilm. PLoS ONE, 2011, 6, e25299.	2.5	46
1119	Uncultivated Microbial Eukaryotic Diversity: A Method to Link ssu rRNA Gene Sequences with Morphology. PLoS ONE, 2011, 6, e28158.	2.5	7
1120	Evaluation of fixatives and autofluorescence reduction treatments for marine bivalve larvae. Journal of the United Kingdom, 2011, 91, 1567-1576.	0.8	8
1121	Exploring hydrocarbonoclastic bacterial Âcommunities in the estuarine surface microlayer. Aquatic Microbial Ecology, 2011, 64, 185-195.	1.8	12
1122	Rapid Quantification of Escherichia coli as an Indicator of Food Contamination Using Fluorescence in situ Hybridization with Filter Cultivation (FISHFC). Journal of the Japanese Society for Food Science and Technology, 2011, 58, 483-489.	0.1	0
1123	Enrichment of a Novel Marine Ammonia-Oxidizing Archaeon Obtained from Sand of an Eelgrass Zone. Microbes and Environments, 2011, 26, 23-29.	1.6	33
1124	Enrichment Using an Up-flow Column Reactor and Community Structure of Marine Anammox Bacteria from Coastal Sediment. Microbes and Environments, 2011, 26, 67-73.	1.6	69
1125	Biodiversity and geochemistry of an extremely acidic, lowâ€ŧemperature subterranean environment sustained by chemolithotrophy. Environmental Microbiology, 2011, 13, 2092-2104.	3.8	106

#	Article	IF	CITATIONS
1126	Bacterial enzymes for dissimilatory sulfate reduction in a marine microbial mat (Black Sea) mediating anaerobic oxidation of methane. Environmental Microbiology, 2011, 13, 1370-1379.	3.8	25
1127	Proteome changes in the initial bacterial colonist during ecological succession in an acid mine drainage biofilm community. Environmental Microbiology, 2011, 13, 2279-2292.	3.8	49
1128	Methanogenesis in the sediments of Rio Tinto, an extreme acidic river. Environmental Microbiology, 2011, 13, 2336-2341.	3.8	33
1129	FISH analysis of Lactobacillus biofilms in the gastrointestinal tract of different hosts. Letters in Applied Microbiology, 2011, 52, 220-226.	2.2	48
1130	Molecular detection of bacteria in calcium carbonate powder used in cosmetic formulations. International Journal of Cosmetic Science, 2011, 33, 426-431.	2.6	9
1131	Novel oligonucleotide probes for in situ detection of pederin-producing endosymbionts of Paederus riparius rove beetles (Coleoptera: Staphylinidae). FEMS Microbiology Letters, 2011, 319, 73-81.	1.8	17
1132	Postnatal development of the rabbit caecal microbiota composition and activity. FEMS Microbiology Ecology, 2011, 77, 680-689.	2.7	73
1133	Chloroflexi bacteria are more diverse, abundant, and similar in high than in low microbial abundance sponges. FEMS Microbiology Ecology, 2011, 78, 497-510.	2.7	73
1134	Response of Gardnerella vaginalis‣biofilm to 5 days of moxifloxacin treatment. FEMS Immunology and Medical Microbiology, 2011, 61, 41-46.	2.7	51
1135	Methodological aspects of the determination of the Bacterioplankton number, biomass, and production. Oceanology, 2011, 51, 518-527.	1.2	6
1136	Specificity of the chitinolytic microbial complex of soils incubated at different temperatures. Microbiology, 2011, 80, 205-215.	1.2	34
1137	Archaea in artificial environments: Their presence in global spacecraft clean rooms and impact on planetary protection. ISME Journal, 2011, 5, 209-219.	9.8	47
1138	Microbial community structures in anoxic freshwater lake sediment along a metal contamination gradient. ISME Journal, 2011, 5, 543-558.	9.8	82
1139	Capturing diversity of marine heterotrophic protists: one cell at a time. ISME Journal, 2011, 5, 674-684.	9.8	86
1140	Sequence variability of the pattern recognition receptor Mermaid mediates specificity of marine nematode symbioses. ISME Journal, 2011, 5, 986-998.	9.8	36
1141	Metatranscriptomic analysis of extremely halophilic viral communities. ISME Journal, 2011, 5, 1621-1633.	9.8	36
1142	Spatial and temporal changes in microbial diversity of the Marmara Sea Sediments. Marine Pollution Bulletin, 2011, 62, 2384-2394.	5.0	29
1143	Microbial characterization of hydrogen-producing bacteria in fermented food waste at different pH values. International Journal of Hydrogen Energy, 2011, 36, 9571-9580.	7.1	84

#	Article	IF	CITATIONS
1144	Organics, sulfates and ammonia removal from acrylic fiber manufacturing wastewater using a combined Fenton-UASB (2 phase)-SBR system. Bioresource Technology, 2011, 102, 10319-10326.	9.6	15
1145	Graphite anode surface modification with controlled reduction of specific aryl diazonium salts for improved microbial fuel cells power output. Biosensors and Bioelectronics, 2011, 28, 181-188.	10.1	109
1146	Faecal Microbiota and Short-Chain Fatty Acid Levels in Faeces from Infants with Cowâ€~s Milk Protein Allergy. International Archives of Allergy and Immunology, 2011, 156, 325-332.	2.1	98
1147	Anaerobic methane oxidation in soils and water ecosystems. Moscow University Soil Science Bulletin, 2011, 66, 24-31.	0.7	8
1148	Microbial community of a volcanic mudspring in the Philippines as revealed by 16S rDNA sequence analysis and fluorescence in situ hybridization. World Journal of Microbiology and Biotechnology, 2011, 27, 859-867.	3.6	7
1149	Prebiotic potential and gastrointestinal effects of immature wheat grain (IWG) biscuits. Antonie Van Leeuwenhoek, 2011, 99, 795-805.	1.7	15
1150	Enumeration of methanogens with a focus on fluorescence in situ hybridization. Die Naturwissenschaften, 2011, 98, 457-472.	1.6	17
1151	Coxiella Symbionts in the Cayenne Tick Amblyomma cajennense. Microbial Ecology, 2011, 62, 134-142.	2.8	54
1152	Diversity of Freshwater Thioploca Species and Their Specific Association with Filamentous Bacteria of the Phylum Chloroflexi. Microbial Ecology, 2011, 62, 753-64.	2.8	9
1153	Long-chain acylhomoserine lactones increase the anoxic ammonium oxidation rate in an OLAND biofilm. Applied Microbiology and Biotechnology, 2011, 90, 1511-1519.	3.6	80
1154	OLAND is feasible to treat sewage-like nitrogen concentrations at low hydraulic residence times. Applied Microbiology and Biotechnology, 2011, 90, 1537-1545.	3.6	98
1155	Advances in methods for detection of anaerobic ammonium oxidizing (anammox) bacteria. Applied Microbiology and Biotechnology, 2011, 90, 1241-1252.	3.6	64
1156	Long-term preservation of anammox bacteria. Applied Microbiology and Biotechnology, 2011, 92, 147-157.	3.6	83
1157	Sulfide and ammonium oxidation, acetate mineralization by denitrification in a multipurpose UASB reactor. Bioresource Technology, 2011, 102, 2549-2554.	9.6	15
1158	Evaluation of performance and microbial community in a two-stage UASB reactor pretreating acrylic fiber manufacturing wastewater. Bioresource Technology, 2011, 102, 5709-5716.	9.6	22
1159	Effect of nanoporous TiO2 coating and anodized Ca2+ modification of titanium surfaces on early microbial biofilm formation. BMC Oral Health, 2011, 11, 8.	2.3	55
1160	Effect of irrigation water and processing on the microbial quality of lettuces produced and sold on markets in Dakar (Senegal). Irrigation and Drainage, 2011, 60, 509-517.	1.7	18
1161	Effects of the antimicrobial tylosin on the microbial community structure of an anaerobic sequencing batch reactor. Biotechnology and Bioengineering, 2011, 108, 296-305.	3.3	17

#	Article	IF	CITATIONS
1162	A unique phenotypic modification of <i>Lactococcus lactis</i> cultivated in a couette bioreactor. Biotechnology and Bioengineering, 2011, 108, 559-571.	3.3	7
1163	Fast start-up, performance and microbial community in a pilot-scale anammox reactor seeded with exotic mature granules. Bioresource Technology, 2011, 102, 2448-2454.	9.6	85
1164	Influence of organic loading on the performance and microbial community structure of an anaerobic stage reactor treating pharmaceutical wastewater. Desalination, 2011, 271, 257-264.	8.2	76
1165	Effects of Saharan dust on the microbial community during a large in situ mesocosm experiment in the NW Mediterranean Sea. Aquatic Microbial Ecology, 2011, 62, 201-213.	1.8	35
1167	Composition of the bacterial biota in slime developed in two machines at a Canadian paper mill. Canadian Journal of Microbiology, 2011, 57, 91-104.	1.7	7
1168	Optimization and Application of Fluorescence <i>in Situ</i> Hybridization Assay for Detecting Polyphosphate - Accumulating Microorganisms. Advanced Materials Research, 2011, 183-185, 1369-1373.	0.3	2
1169	Acute appendicitis is characterised by local invasion with Fusobacterium nucleatum/necrophorum. Gut, 2011, 60, 34-40.	12.1	360
1170	Detection and Identification of Probiotic Microorganisms and Other Beneficial Organisms from the Human GI Tract. Microbiology Monographs, 2011, , 57-86.	0.6	1
1171	Tolerance of the antibiotic Tylosin on treatment performance of an Up-flowAnaerobic Stage Reactor (UASR). Water Science and Technology, 2011, 63, 1599-1606.	2.5	20
1172	ls the distribution of <i>Prochlorococcus</i> and <i>Synechococcus</i> ecotypes in the Mediterranean Sea affected by global warming?. Biogeosciences, 2011, 8, 2785-2804.	3.3	92
1173	Occurrence and diversity of epiphytic bacterial communities on two native plant species in a Michigan Creek. Journal of Freshwater Ecology, 2011, 26, 267-276.	1.2	1
1174	Effects of Adding Nitrifying Bacteria on Microbial Communities and Nitrification in a Laboratory-Scale a/O Reactor Treating Leather-Tanning Wastewater. Advanced Materials Research, 0, 599, 289-294.	0.3	1
1175	Acquisition of epibiotic bacteria along the life cycle of the hydrothermal shrimp <i>Rimicaris exoculata</i> . ISME Journal, 2012, 6, 597-609.	9.8	75
1176	Mucosal invasion by fusobacteria is a common feature of acute appendicitis in Germany, Russia, and China. Saudi Journal of Gastroenterology, 2012, 18, 55.	1.1	47
1177	Medicinal lavender modulates the enteric microbiota to protect against Citrobacter rodentium-induced colitis. American Journal of Physiology - Renal Physiology, 2012, 303, G825-G836.	3.4	30
1178	Newly Isolated but Uncultivated Magnetotactic Bacterium of the Phylum Nitrospirae from Beijing, China. Applied and Environmental Microbiology, 2012, 78, 668-675.	3.1	71
1179	Culture-Dependent and -Independent Investigations of Microbial Diversity on Urinary Catheters. Journal of Clinical Microbiology, 2012, 50, 3901-3908.	3.9	38
1180	Microbial Community Composition and Dynamics of Moving Bed Biofilm Reactor Systems Treating Municipal Sewage. Applied and Environmental Microbiology, 2012, 78, 855-864.	3.1	46

#	Article	IF	CITATIONS
1181	Effects of UV-B Radiation on the Structural and Physiological Diversity of Bacterioneuston and Bacterioplankton. Applied and Environmental Microbiology, 2012, 78, 2066-2069.	3.1	48
1182	Picoplankton Community Composition by CARD-FISH and Flow Cytometric Techniques: A Preliminary Study in Central Adriatic Sea Water. International Journal of Oceanography, 2012, 2012, 1-8.	0.2	6
1183	Physiological and Proteomic Adaptation of "Aromatoleum aromaticum―EbN1 to Low Growth Rates in Benzoate-Limited, Anoxic Chemostats. Journal of Bacteriology, 2012, 194, 2165-2180.	2.2	32
1184	Granular biomass selection in a double-stage biogas collection UASB reactor: effects on SMA, abundance and diversity of the methanogenic population. Water Science and Technology, 2012, 66, 2570-2577.	2.5	1
1185	Evaluation of tyramide solutions for an improved detection and enumeration of single microbial cells in soil by CARD-FISH. Journal of Microbiological Methods, 2012, 91, 399-405.	1.6	12
1186	Two decades of fluorescence in situ hybridization in systematic and applied microbiology. Systematic and Applied Microbiology, 2012, 35, 483-484.	2.8	7
1187	Bacterioplankton communities in the Southern Ocean: composition and growth response to various substrate regimes. Aquatic Microbial Ecology, 2012, 68, 13-28.	1.8	18
1188	Nitrogen removal from wastewater and bacterial diversity in activated sludge at different COD/N ratios and dissolved oxygen concentrations. Journal of Environmental Sciences, 2012, 24, 990-998.	6.1	20
1189	Evaluation of the environmental specificity of Fluorescence In Situ Hybridization (FISH) using Fluorescence-Activated Cell Sorting (FACS) of probe (PSE1284)-positive cells extracted from rhizosphere soil. Systematic and Applied Microbiology, 2012, 35, 533-540.	2.8	10
1190	Accelerating effect of hydroxylamine and hydrazine on nitrogen removal rate in moving bed biofilm reactor. Biodegradation, 2012, 23, 739-749.	3.0	44
1191	High frequency of Helicobacter pylori in the esophageal mucosa of dyspeptic patients and its possible association with histopathological alterations. International Journal of Infectious Diseases, 2012, 16, e364-e370.	3.3	18
1192	Structural, physicochemical and microbial properties of flocs and biofilms in integrated fixed-film activated sludge (IFFAS) systems. Water Research, 2012, 46, 5085-5101.	11.3	114
1193	Plant-associated bacterial populations on native and invasive plant species: comparisons between 2 freshwater environments. Canadian Journal of Microbiology, 2012, 58, 767-775.	1.7	1
1194	Integration of anammox into the aerobic granular sludge process for main stream wastewater treatment at ambient temperatures. Water Research, 2012, 46, 136-144.	11.3	191
1195	<i>Pseudomonas fluorescens</i> Induces Strain-Dependent and Strain-Independent Host Plant Responses in Defense Networks, Primary Metabolism, Photosynthesis, and Fitness. Molecular Plant-Microbe Interactions, 2012, 25, 765-778.	2.6	100
1196	Capture antibody targeted fluorescence in situ hybridization (CAT-FISH): Dual labeling allows for increased specificity in complex samples. Journal of Microbiological Methods, 2012, 88, 275-284.	1.6	8
1198	Flow Cytometry in Environmental Microbiology: A Rapid Approach for the Isolation of Single Cells for Advanced Molecular Biology Analysis. Methods in Molecular Biology, 2012, 881, 3-26.	0.9	9
1199	Ultrasonic pretreatment of palm oil mill effluent: Impact on biohydrogen production, bioelectricity generation, and underlying microbial communities. International Journal of Hydrogen Energy, 2012, 37, 12241-12249.	7.1	60

	C	CITATION REPORT		
#	Article	IF	Citations	
1200	Prokaryotes in salt marsh sediments of Ria de Aveiro: Effects of halophyte vegetation on abundance and diversity. Estuarine, Coastal and Shelf Science, 2012, 110, 61-68.	2.1	24	
1201	Exploring the in situ accessibility of small subunit ribosomal RNA of members of the domains Bacteria and Eukarya to oligonucleotide probes. Systematic and Applied Microbiology, 2012, 35, 485-495.	2.8	6	
1202	CLASI-FISH: Principles of combinatorial labeling and spectral imaging. Systematic and Applied Microbiology, 2012, 35, 496-502.	2.8	92	
1203	Gold-FISH: A new approach for the in situ detection of single microbial cells combining fluorescence and scanning electron microscopy. Systematic and Applied Microbiology, 2012, 35, 518-525.	2.8	39	
1204	Optimizing the specificity of nucleic acid hybridization. Nature Chemistry, 2012, 4, 208-214.	13.6	347	
1205	The Anoxic Framvaren Fjord as a Model System to Study Protistan Diversity and Evolution. Cellular Origin and Life in Extreme Habitats, 2012, , 421-448.	0.3	1	
1206	NanoSIP: NanoSIMS Applications for Microbial Biology. Methods in Molecular Biology, 2012, 881, 375-408.	0.9	90	
1207	Influence of temperature and salinity on microbial structure of marine anammox bacteria. Water Science and Technology, 2012, 66, 958-964.	2.5	30	
1208	Microbial Systems Biology. Methods in Molecular Biology, 2012, , .	0.9	3	
1209	Long-Term Characterization of Free-Living and Particle-Associated Bacterial Communities in Lake Tiefwaren Reveals Distinct Seasonal Patterns. Microbial Ecology, 2012, 64, 571-583.	2.8	82	
1210	Molecular Identification of Rickettsial Endosymbionts in the Non-Phagotrophic Volvocalean Green Algae. PLoS ONE, 2012, 7, e31749.	2.5	31	
1211	Microbial Profiles of Rhizosphere and Bulk Soil Microbial Communities of Biofuel Crops Switchgrass (<i>Panicum virgatum</i> L.) and Jatropha (<i>Jatropha curcas</i> L.). Applied and Environmental Soil Science, 2012, 2012, 1-6.	1.7	26	
1212	Effect of diet and absence of protozoa on the rumen microbial community and on the representativeness of bacterial fractions used in the determination of microbial protein synthesis1. Journal of Animal Science, 2012, 90, 3924-3936.	0.5	43	
1213	Scanning Electron Microscopy Imaging of Bacteria Based on Nucleic Acid Sequences. , 0, , .		4	
1214	Nucleic Acid-Based Methods to Identify, Detect and Type Pathogenic Bacteria Occurring in Milk and Dairy Products. , 0, , .		7	
1215	What Flow Cytometry can Tell Us About Marine Micro-Organisms – Current Status and Future Applications. , 0, , .		5	

1216	Molecular Approaches for the Study of Genetic Diversity in Microflora of Poultry Gastrointestinal Tract. , 2012, , .

		CITATION REPORT		
#	Article		IF	Citations
1218	Detection and Capturing of 14C Radioactively-Labeled Small Subunit rRNA from Mixed M Communities of a Microbial Mat Using Magnetic Beads. Indian Journal of Microbiology, 2		2.7	1
1219	Rapid detection of rRNA group I pseudomonads in contaminated metalworking fluids and formation by fluorescent in situ hybridization. Applied Microbiology and Biotechnology, 2 799-808.	l biofilm 012, 94,	3.6	14
1220	Achieving nitrite accumulation in a continuous system treating low-strength domestic wa switchover from batch start-up to continuous operation with process control. Applied Mi and Biotechnology, 2012, 94, 517-526.		3.6	25
1221	Microbial community structure elucidates performance of Glyceria maxima plant microbia Applied Microbiology and Biotechnology, 2012, 94, 537-548.	al fuel cell.	3.6	121
1222	The microbiology of metalworking fluids. Applied Microbiology and Biotechnology, 2012,	94, 1119-1130.	3.6	40
1223	Mechanical shear contributes to granule formation resulting in quick start-up and stabilit hybrid anammox reactor. Biodegradation, 2012, 23, 363-372.	y of a	3.0	44
1224	Anammox enrichment from reject water on blank biofilm carriers and carriers containing biomass: operation of two moving bed biofilm reactors (MBBR). Biodegradation, 2012, 2		3.0	50
1225	Simultaneous 16S and 18S rRNA fluorescence in situ hybridization (FISH) on LR White se demonstrated in Vestimentifera (Siboglinidae) tubeworms. Acta Histochemica, 2012, 114		1.8	12
1226	Detecting metabolic activities in single cells, with emphasis on nanoSIMS. FEMS Microbic 2012, 36, 486-511.	ology Reviews,	8.6	223
1227	Nitrate reduction by organotrophic Anammox bacteria in a nitritation/anammox granular a moving bed biofilm reactor. Bioresource Technology, 2012, 114, 217-223.	sludge and	9.6	103
1228	Biological sulfate removal from acrylic fiber manufacturing wastewater using a two-stage reactor. Journal of Environmental Sciences, 2012, 24, 343-350.	UASB	6.1	27
1229	Occurrence of a specific dual symbiosis in the excretory organ of geographically distant N populations. Environmental Microbiology Reports, 2012, 4, 504-511.	lautiloids	2.4	1
1230	Ultrastructural and molecular characterization of a bacterial symbiosis in the ecologically important scale insect family Coelostomidiidae. FEMS Microbiology Ecology, 2012, 81, 5		2.7	18
1231	Bacterial diversity in suspected prosthetic joint infections: an exploratory study using 169 analysis. FEMS Immunology and Medical Microbiology, 2012, 65, 291-304.	S rRNA gene	2.7	35
1232	Impact of sampling depth and plant species on local environmental conditions, microbiol parameters and bacterial composition in a mercury contaminated salt marsh. Marine Poll Bulletin, 2012, 64, 263-271.		5.0	16
1233	Out of the ground: aerial and exotic habitats of the melioidosis bacterium <i>Burkholderi pseudomallei</i> in grasses in Australia. Environmental Microbiology, 2012, 14, 2058-20		3.8	79
1234	Assessing subâ€seafloor microbial activity by combined stable isotope probing with deut and ¹³ Câ€bicarbonate. Environmental Microbiology, 2012, 14, 1517-1527.		3.8	70
1235	Anaerobic ammonium oxidation (Anammox) in immobilized activated sludge biofilms dur treatment of weak wastewater. Microbiology, 2012, 81, 25-34.	ing the	1.2	15

#	Article	IF	CITATIONS
1236	High Contribution of SAR11 to Microbial Activity in the North West Mediterranean Sea. Microbial Ecology, 2012, 63, 324-333.	2.8	22
1237	Diel Fluctuations in the Abundance and Community Diversity of Coastal Bacterioplankton Assemblages over a Tidal Cycle. Microbial Ecology, 2012, 63, 96-102.	2.8	8
1238	Temporal and spatial distribution of Bacillus and Clostridium histolyticum in swine manure composting by fluorescent in situ hybridization (FISH). Applied Microbiology and Biotechnology, 2012, 93, 2625-2632.	3.6	15
1239	Microbial diversity and activity in hypersaline high Arctic spring channels. Extremophiles, 2012, 16, 177-191.	2.3	33
1240	Characterization of the anaerobic microbial community in oilâ€polluted subtidal sediments: aromatic biodegradation potential after the <i>Prestige</i> oil spill. Environmental Microbiology, 2013, 15, 77-92.	3.8	132
1241	Effects of disturbance scale on soil microbial communities in the Western Cascades of Oregon. Plant and Soil, 2013, 372, 459-471.	3.7	9
1242	Structure and Community Composition of Sprout-Like Bacterial Aggregates in a Dinaric Karst Subterranean Stream. Microbial Ecology, 2013, 66, 5-18.	2.8	32
1243	Aptasensor and genosensor methods for detection of microbes in real world samples. Methods, 2013, 64, 229-240.	3.8	92
1244	Localization of the bacterial symbiont Candidatus Midichloria mitochondrii within the hard tick Ixodes ricinus by whole-mount FISH staining. Ticks and Tick-borne Diseases, 2013, 4, 39-45.	2.7	40
1245	Diversity, Biomineralization and Rock Magnetism of Magnetotactic Bacteria. Springer Theses, 2013, , .	0.1	0
1246	Differences in fungi present in induced sputum samples from asthma patients and non-atopic controls: a community based case control study. BMC Infectious Diseases, 2013, 13, 69.	2.9	146
1247	Salmonellae in Fish Feces Analyzed by In Situ Hybridization and Quantitative Polymerase Chain Reaction. Journal of Aquatic Animal Health, 2013, 25, 184-190.	1.4	3
1248	The phylogenetic structure of microbial biofilms and free-living bacteria in a small stream. Folia Microbiologica, 2013, 58, 235-243.	2.3	5
1249	Comparison of ryegrass and red clover on the fermentation pattern, microbial community and efficiency of diet utilisation in the rumen simulation technique (Rusitec). Animal Production Science, 2013, 53, 1052.	1.3	24
1250	Previously unclassified bacteria dominate during thermophilic and mesophilic anaerobic pre-treatment of primary sludge. Systematic and Applied Microbiology, 2013, 36, 281-290.	2.8	22
1251	Microbial activity of suspended biomass from a nitritation–anammox SBR in dependence of operational condition and size fraction. Applied Microbiology and Biotechnology, 2013, 97, 8795-8804.	3.6	24
1252	Partial nitrifying granule stimulated by struvite carrier in treating pharmaceutical wastewater. Applied Microbiology and Biotechnology, 2013, 97, 8757-8765.	3.6	19
1253	Analysis of Microbial Population Dynamics in a Partial Nitrifying SBR at Ambient Temperature. Current Microbiology, 2013, 66, 614-620.	2.2	5

#	Article	IF	CITATIONS
1254	Antimicrobial activities of novel cultivable bacteria isolated from marine sponge Tedania anhelans. Chinese Journal of Oceanology and Limnology, 2013, 31, 581-590.	0.7	11
1255	High abundance of heterotrophic prokaryotes in hydrothermal springs of the Azores as revealed by a network of 16S rRNA gene-based methods. Extremophiles, 2013, 17, 649-662.	2.3	54
1256	Evaluation of the diagnostic value of fluorescent in situ hybridization in a rat model of bacterial pneumonia. Diagnostic Microbiology and Infectious Disease, 2013, 76, 425-431.	1.8	7
1257	CARD-FISH analysis of prokaryotic community composition and abundance along small-scale vegetation gradients in a dry arctic tundra ecosystem. Soil Biology and Biochemistry, 2013, 64, 147-154.	8.8	6
1258	Expanding the microbial monitoring toolkit: Evaluation of traditional and molecular monitoring methods. International Biodeterioration and Biodegradation, 2013, 81, 51-56.	3.9	32
1259	Detection of anaerobic processes and microorganisms in immobilized activated sludge of a wastewater treatment plant with intense aeration. Microbiology, 2013, 82, 690-697.	1.2	10
1260	Increased T helper type 17 response to pathogen stimulation in patients with primary sclerosing cholangitis. Hepatology, 2013, 58, 1084-1093.	7.3	132
1261	Phosphate recovery as concentrated solution from treated wastewater by a PAO-enriched biofilm reactor. Water Research, 2013, 47, 2025-2032.	11.3	58
1262	Partial nitrification in a sequencing batch reactor treating acrylic fiber wastewater. Biodegradation, 2013, 24, 427-435.	3.0	11
1263	Development of a flow-fluorescence in situ hybridization protocol for the analysis of microbial communities in anaerobic fermentation liquor. BMC Microbiology, 2013, 13, 278.	3.3	25
1264	Alteration of the exopolysaccharide production and the transcriptional profile of free-living Frankia strain Ccl3 under nitrogen-fixing conditions. Applied Microbiology and Biotechnology, 2013, 97, 10499-10509.	3.6	11
1265	One-stage partial nitritation/anammox at 15°C on pretreated sewage: feasibility demonstration at lab-scale. Applied Microbiology and Biotechnology, 2013, 97, 10199-10210.	3.6	168
1266	In-Solution Fluorescence In Situ Hybridization and Fluorescence-Activated Cell Sorting for Single Cell and Population Genome Recovery. Methods in Enzymology, 2013, 531, 3-19.	1.0	18
1267	Hidden in plain sight: discovery of sheath-forming, iron-oxidizing <i>Zetaproteobacteria</i> at Loihi Seamount, Hawaii, USA. FEMS Microbiology Ecology, 2013, 85, 116-127.	2.7	78
1268	MtvR Is a Global Small Noncoding Regulatory RNA in Burkholderia cenocepacia. Journal of Bacteriology, 2013, 195, 3514-3523.	2.2	2
1269	Tackling the minority: sulfate-reducing bacteria in an archaea-dominated subsurface biofilm. ISME Journal, 2013, 7, 635-651.	9.8	57
1270	Multiple factors influencing anaerobic acidogenic pretreatment in an up-flow non-woven biofilm reactor. Chemical Engineering Journal, 2013, 221, 37-43.	12.7	5
1271	Spatial succession and metabolic properties of functional microbial communities in an anaerobic baffled reactor. International Biodeterioration and Biodegradation, 2013, 80, 60-65.	3.9	23

		15	0
#	ARTICLE Combination process of limited filamentous bulking and nitrogen removal via nitrite for enhancing	IF	CITATIONS
1272	nitrogen removal and reducing aeration requirements. Chemosphere, 2013, 91, 68-75.	8.2	27
1273	99mTc-MORF oligomers specific for bacterial ribosomal RNA as potential specific infection imaging agents. Bioorganic and Medicinal Chemistry, 2013, 21, 6523-6530.	3.0	17
1274	Effect of Mecoprop (RS)-MCPP on the biological treatment of synthetic wastewater in an anaerobic membrane bioreactor. Bioresource Technology, 2013, 133, 158-165.	9.6	10
1275	"Methano-compostâ€; a booster and restoring agent for thermophilic anaerobic digestion of energy crops. Biomass and Bioenergy, 2013, 56, 471-478.	5.7	18
1276	Nitrogen-removal performance and community structure ofÂnitrifying bacteria under different aeration modes in an oxidation ditch. Water Research, 2013, 47, 3845-3853.	11.3	44
1277	Enrichment of anaerobic ammonium oxidizing (Anammox) bacteria from OLAND and conventional sludge: Features and limitations. Separation and Purification Technology, 2013, 104, 130-137.	7.9	33
1278	Temporal dynamics in the free-living bacterial community composition in the coastal North Sea. FEMS Microbiology Ecology, 2013, 83, 413-424.	2.7	31
1279	Description of the phylogenetic structure of hydrolytic prokaryotic complex in the soils. Biology Bulletin, 2013, 40, 19-25.	0.5	2
1280	Detection of Spiroplasma and Wolbachia in the Bacterial Gonad Community of Chorthippus parallelus. Microbial Ecology, 2013, 66, 211-223.	2.8	13
1281	Double-color fluorescence in situ hybridization (FISH) for the detection of Bacillus anthracis spores in environmental samples with a novel permeabilization protocol. Journal of Microbiological Methods, 2013, 93, 177-184.	1.6	10
1282	A phylogenetic analysis of the phylum Fibrobacteres. Systematic and Applied Microbiology, 2013, 36, 376-382.	2.8	24
1283	Full-scale sequencing batch reactor (SBR) for domestic wastewater: Performance and diversity of microbial communities. Bioresource Technology, 2013, 132, 262-268.	9.6	85
1284	In vivo study of the initial bacterial adhesion on different implant materials. Archives of Oral Biology, 2013, 58, 1139-1147.	1.8	94
1285	Microscopic Detection of Yeasts Using Fluorescence In Situ Hybridization. Methods in Molecular Biology, 2013, 968, 71-82.	0.9	4
1286	Bacterial biodiversity in deep-sea sediments from two regions of contrasting surface water productivity near the Crozet Islands, Southern Ocean. Deep-Sea Research Part I: Oceanographic Research Papers, 2013, 75, 67-77.	1.4	22
1287	Trophic link between syntrophic acetogens and homoacetogens during the anaerobic acidogenic fermentation of sewage sludge. Biochemical Engineering Journal, 2013, 70, 1-8.	3.6	37
1288	RNase III is required for localization to the nucleoid of the 5' pre-rRNA leader and for optimal induction of rRNA synthesis in E. coli. Rna, 2013, 19, 1200-1207.	3.5	21
1289	SIGIRR, a Negative Regulator of TLR/IL-1R Signalling Promotes Microbiota Dependent Resistance to Colonization by Enteric Bacterial Pathogens. PLoS Pathogens, 2013, 9, e1003539.	4.7	77

#	Article	IF	CITATIONS
1290	Three Main Factors Define Changes in Fecal Microbiota Associated With Feeding Modality in Infants. Journal of Pediatric Gastroenterology and Nutrition, 2013, 57, 461-466.	1.8	47
1291	Description of an Unusual Neisseria meningitidis Isolate Containing and Expressing Neisseria gonorrhoeae-Specific 16S rRNA Gene Sequences. Journal of Clinical Microbiology, 2013, 51, 3199-3206.	3.9	15
1292	Anaerobic degradation of propane and butane by sulfate-reducing bacteria enriched from marine hydrocarbon cold seeps. ISME Journal, 2013, 7, 885-895.	9.8	109
1293	Stress Tolerance of <i>Methylobacterium</i> Biofilms in Bathrooms. Microbes and Environments, 2013, 28, 87-95.	1.6	49
1294	Impact of microwave radiation on nitrogen removal and quantity of nitrifiers in biofilm. Journal of Environmental Engineering and Science, 2013, 8, 520-525.	0.8	0
1295	Spatial distribution of ammonia-oxidizing bacteria in the biofilm and suspended growth biomass of the full- and partial-bed biological aerated filters. Journal of Environmental Engineering and Science, 2013, 8, 413-421.	0.8	1
1296	Polyphosphate-accumulating organisms capable of living under high salinity environment. Journal of Japan Society of Civil Engineers Ser G (Environmental Research), 2013, 69, III_523-III_530.	0.1	0
1297	Applicability of a Sequencing Batch Membrane Biofilm Reactor for Simultaneous Nitrogen and Phosphorus Removal from Low C/N Ratio Wastewater. Journal of Water and Environment Technology, 2013, 11, 487-496.	0.7	0
1298	Morphology, ultrastructure, and molecular phylogeny of the ciliate Sonderia vorax with insights into the systematics of order Plagiopylida. BMC Microbiology, 2013, 13, 40.	3.3	26
1299	Rapid Quantitative Detection of Salmonella enterica Using Fluorescence In Situ Hybridization with Filter-cultivation (FISHFC) Method. Food Science and Technology Research, 2013, 19, 59-67.	0.6	5
1300	CARD-FISH for Environmental Microorganisms: Technical Advancement and Future Applications. Microbes and Environments, 2013, 28, 3-12.	1.6	75
1301	Selective Enrichment of Two Different Types of <i>Nitrospira</i> -like Nitrite-oxidizing Bacteria from a Wastewater Treatment Plant. Microbes and Environments, 2013, 28, 236-243.	1.6	34
1302	Isolation of <i>Nitrospira</i> belonging to Sublineage II from a Wastewater Treatment Plant. Microbes and Environments, 2013, 28, 346-353.	1.6	81
1303	The quantity and quality of methanogenic microorganisms based on rRNA analysis and their relation to methane production. African Journal of Microbiology Research, 2013, 7, 3389-3395.	0.4	2
1304	Fluctuations in butyrate-producing bacteria in ulcerative colitis patients of North India. World Journal of Gastroenterology, 2013, 19, 3404.	3.3	165
1305	Microbiologically induced deterioration of concrete: a review. Brazilian Journal of Microbiology, 2013, 44, 1001-1007.	2.0	131
1306	Coupling Genetic and Chemical Microbiome Profiling Reveals Heterogeneity of Archaeome and Bacteriome in Subsurface Biofilms That Are Dominated by the Same Archaeal Species. PLoS ONE, 2014, 9, e99801.	2.5	28
1307	Latitudinal Variation of a Defensive Symbiosis in the Bugula neritina (Bryozoa) Sibling Species Complex. PLoS ONE, 2014, 9, e108783.	2.5	26

		15	6:=:=:
#	ARTICLE Dual symbiosis with coâ€occurring sulfurâ€oxidizing symbionts in vestimentiferan tubeworms from a	IF	CITATIONS
1308	<pre>scp>Mediterranean hydrothermal vent. Environmental Microbiology, 2014, 16, 3638-3656.</pre>	3.8	38
1309	Biomass, Diversity, and Metabolic Functions of Subseafloor Life. Developments in Marine Geology, 2014, 7, 65-83.	0.4	6
1310	Size-independent symmetric division in extraordinarily long cells. Nature Communications, 2014, 5, 4803.	12.8	23
1311	The Role of Microorganisms in a Full-Scale Sequencing Batch Reactor Under Low Aeration and Different Cycle Times. Water Environment Research, 2014, 86, 800-809.	2.7	7
1312	Phosphorus metabolism and population dynamics in a biological phosphate-removal system with simultaneous anaerobic phosphate stripping. Chemosphere, 2014, 117, 715-721.	8.2	45
1313	Long-term operation of a novel pilot-scale six tanks alternately operating activated sludge process in treating domestic wastewater. Environmental Technology (United Kingdom), 2014, 35, 1874-1885.	2.2	11
1314	A rickettsial endosymbiont inhabiting the cytoplasm of <i>Volvox carteri</i> (Volvocales,) Tj ETQq0 0 0 rgBT /Ove	rlock 10 T 1.4	f 50 502 Td
1315	The effects of elevated CO2 concentration on competitive interaction between aceticlastic and syntrophic methanogenesis in a model microbial consortium. Frontiers in Microbiology, 2014, 5, 575.	3.5	23
1316	Colonization of plants by human pathogenic bacteria in the course of organic vegetable production. Frontiers in Microbiology, 2014, 5, 191.	3.5	25
1317	6. Quantifying microbes in the marine subseafloor: some notes of caution. , 0, , .		2
1318	Biomethanization from sulfateâ€containing municipal solid waste: effect of molybdate on microbial consortium. Journal of Chemical Technology and Biotechnology, 2014, 89, 1379-1387.	3.2	9
1319	Ankyrinâ€repeat proteins from sponge symbionts modulate amoebal phagocytosis. Molecular Ecology, 2014, 23, 1635-1645.	3.9	124
1320	Anaerobic Metabolism: Linkages to Trace Gases and Aerobic Processes. , 2014, , 273-359.		14
1321	Microbial composition of the activated sludge of Moscow wastewater treatment plants. Microbiology, 2014, 83, 699-708.	1.2	16
1322	Contribution of chemical water properties to the differential responses of bacterioneuston and bacterioplankton to ultraviolet-B radiation. FEMS Microbiology Ecology, 2014, 87, 517-535.	2.7	8
1323	Isolation of sublineage <scp>I</scp> â€ <i><scp>N</scp>itrospira</i> by a novel cultivation strategy. Environmental Microbiology, 2014, 16, 3030-3040.	3.8	59
1324	Cultureâ€Dependent and Cultureâ€Independent Nucleicâ€Acidâ€Based Methods Used in the Microbial Safety Assessment of Milk and Dairy Products. Comprehensive Reviews in Food Science and Food Safety, 2014, 13, 493-537.	11.7	61
1325	Methanotrophs, methanogens and microbial community structure in livestock slurry surface crusts. Journal of Applied Microbiology, 2014, 117, 1066-1078.	3.1	16

#	Article	IF	CITATIONS
1326	Growth activity of gammaproteobacterial subgroups in waters off the west <scp>A</scp> ntarctic <scp>P</scp> eninsula in summer and fall. Environmental Microbiology, 2014, 16, 1513-1523.	3.8	17
1327	Agreement between <i>amoA</i> Gene-Specific Quantitative PCR and Fluorescence <i>In Situ</i> Hybridization in the Measurement of Ammonia-Oxidizing Bacteria in Activated Sludge. Applied and Environmental Microbiology, 2014, 80, 5901-5910.	3.1	24
1328	A new colorimetric peptide nucleic acid-based assay for the specific detection of bacteria. Future Microbiology, 2014, 9, 1131-1142.	2.0	1
1329	Nucleic acid detection technologies and marker molecules in bacterial diagnostics. Expert Review of Molecular Diagnostics, 2014, 14, 489-500.	3.1	44
1330	Multiple EPS interactions involved in the cohesion and structure of aerobic granules. Chemosphere, 2014, 117, 262-270.	8.2	43
1331	Fluorescence-Based Quasicontinuous and <i>In Situ</i> Monitoring of Biofilm Formation Dynamics in Natural Marine Environments. Applied and Environmental Microbiology, 2014, 80, 3721-3728.	3.1	26
1332	Smoking Cessation Alters Intestinal Microbiota. Inflammatory Bowel Diseases, 2014, 20, 1496-1501.	1.9	142
1333	Effective bioremediation strategy for rapid in situ cleanup of anoxic marine sediments in mesocosm oil spill simulation. Frontiers in Microbiology, 2014, 5, 162.	3.5	62
1334	Imaging Bacteria and Biofilms on Hardware and Periprosthetic Tissue in Orthopedic Infections. Methods in Molecular Biology, 2014, 1147, 105-126.	0.9	23
1336	Start-up of halophilic nitrogen removal via nitrite from hypersaline wastewater by estuarine sediments in sequencing batch reactor. International Journal of Environmental Science and Technology, 2014, 11, 281-292.	3.5	19
1337	Identification of Intracellular Bacteria in Adenoid and Tonsil Tissue Specimens: The Efficiency of Culture Versus Fluorescent In Situ Hybridization (FISH). Current Microbiology, 2014, 68, 21-29.	2.2	23
1338	Isothermal amplified detection of DNA and RNA. Molecular BioSystems, 2014, 10, 970.	2.9	354
1339	FISH Methods in Cytogenetic Studies. Methods in Molecular Biology, 2014, 1094, 109-135.	0.9	7
1340	Complete nitrogen removal from municipal wastewater via partial nitrification by appropriately alternating anoxic/aerobic conditions in a continuous plug-flow step feed process. Water Research, 2014, 55, 95-105.	11.3	186
1341	Successful application of nitritation/anammox toÂwastewater with elevated organic carbon to ammonia ratios. Water Research, 2014, 49, 316-326.	11.3	250
1342	Biodegradative Bacteria. , 2014, , .		9
1343	Impact of hydraulic retention time on the performance and archaea populations of an anaerobic reactor treating synthetic Tylosin wastewater. Desalination and Water Treatment, 2014, 52, 3647-3653.	1.0	3
1344	Anaerobic mesophilic co-digestion of sewage sludge and sugar beet pulp lixiviation in batch reactors: Effect of pH control. Chemical Engineering Journal, 2014, 255, 492-499.	12.7	65

#	Article	IF	CITATIONS
1345	Distribution and diversity of members of the bacterial phylum Fibrobacteres in environments where cellulose degradation occurs. Systematic and Applied Microbiology, 2014, 37, 502-509.	2.8	21
1346	Microbial community composition and dynamics in high-temperature biogas reactors using industrial bioethanol waste as substrate. Applied Microbiology and Biotechnology, 2014, 98, 9095-9106.	3.6	31
1347	Bacterial community structure and activity of sulfate reducing bacteria in a membrane aerated biofilm analyzed by microsensor and molecular techniques. Biotechnology and Bioengineering, 2014, 111, 2155-2162.	3.3	8
1348	Genomic insights into the uncultured genus â€~ <i>Candidatus</i> Magnetobacterium' in the phylum <i>Nitrospirae</i> . ISME Journal, 2014, 8, 2463-2477.	9.8	86
1349	Stratified Microbial Structure and Activity in Sulfide- and Methane-Producing Anaerobic Sewer Biofilms. Applied and Environmental Microbiology, 2014, 80, 7042-7052.	3.1	95
1350	Optimization of a peptide nucleic acid fluorescence in situ hybridization (PNA-FISH) method for the detection of bacteria and disclosure of a formamide effect. Journal of Biotechnology, 2014, 187, 16-24.	3.8	36
1351	Evidence of Environmental and Vertical Transmission of Burkholderia Symbionts in the Oriental Chinch Bug, Cavelerius saccharivorus (Heteroptera: Blissidae). Applied and Environmental Microbiology, 2014, 80, 5974-5983.	3.1	83
1352	Effects of operational shocks on key microbial populations for biogas production in UASB (Upflow) Tj ETQq1 1 0.	784314 rg	gBT_/Overloci
1354	Changes in the microbial community structure of filaments and floc formers in response to various carbon sources and feeding patterns. Applied Microbiology and Biotechnology, 2014, 98, 7633-7644.	3.6	19
1355	Heterotrophic bicarbonate assimilation is the main process of <i>de novo</i> organic carbon synthesis in hadal zone of the <scp>H</scp> ellenic <scp>T</scp> rench, the deepest part of <scp>M</scp> editerranean <scp>S</scp> ea. Environmental Microbiology Reports, 2014, 6, 709-722.	2.4	23
1356	A Novel Approach for Phosphorus Recovery and No Wasted Sludge in Enhanced Biological Phosphorus Removal Process with External COD Addition. Applied Biochemistry and Biotechnology, 2014, 172, 820-828.	2.9	21
1357	Proportion of prokaryotes enumerated as viruses by epifluorescence microscopy. Annals of Microbiology, 2014, 64, 773-778.	2.6	2
1358	The prokaryotic community of subglacial bottom sediments of Antarctic Lake Untersee: Detection by cultural and direct microscopic techniques. Microbiology, 2014, 83, 77-84.	1.2	6
1359	Beacon-based (bbFISH®) technology for rapid pathogens identification in blood cultures. BMC Microbiology, 2014, 14, 99.	3.3	8
1360	Simultaneous partial nitritation and anammox at low temperature with granular sludge. Water Research, 2014, 66, 111-121.	11.3	244
1361	Characterization and phylogenetic identification of a species of spherical multicellular magnetotactic prokaryotes that produces both magnetite and greigite crystals. Research in Microbiology, 2014, 165, 481-489.	2.1	36
1362	Evaluation of fluorescence in situ hybridization for the detection of bacteria in feline inflammatory liver disease. Journal of Feline Medicine and Surgery, 2014, 16, 109-117.	1.6	38
1363	Development and evaluation of a TaqMan duplex real-time PCR quantification method for reliable enumeration of Candidatus Microthrix. Journal of Microbiological Methods, 2014, 97, 6-14.	1.6	22

#	Article	IF	CITATIONS
1364	Performance of up-flow anaerobic fixed bed reactor of the treatment of sugar beet pulp lixiviation in a thermophilic range. Bioresource Technology, 2014, 154, 305-312.	9.6	7
1365	Using graphene oxide to reactivate the anaerobic ammonium oxidizers after long-term storage. Journal of Environmental Chemical Engineering, 2014, 2, 974-980.	6.7	12
1366	The effect of FISH and CARD-FISH on the isotopic composition of 13C- and 15N-labeled Pseudomonas putida cells measured by nanoSIMS. Systematic and Applied Microbiology, 2014, 37, 267-276.	2.8	78
1367	The Microscopic Examination of <i><scp>P</scp>hytophthora cinnamomi</i> in Plant Tissues Using Fluorescent <i>In Situ</i> Hybridization. Journal of Phytopathology, 2014, 162, 747-757.	1.0	5
1368	Performance and granulation in an upflow anaerobic sludge blanket (UASB) reactor treating saline sulfate wastewater. Biodegradation, 2014, 25, 127-136.	3.0	56
1369	Relationship between gastrointestinal dysbiosis and Clostridium botulinum in dairy cows. Anaerobe, 2014, 27, 100-105.	2.1	6
1370	Up-regulated death-associated LIM-only protein contributes to fitness costs of Bacillus thuringiensis Cry1Ac resistance in Helicoverpa armigera. Journal of Insect Physiology, 2014, 60, 145-152.	2.0	3
1371	Nano-Secondary lons Mass Spectrometry (nanoSIMS) Coupled with In Situ Hybridization for Ecological Research. , 2014, , 295-303.		4
1372	Molecular Methods To Study Complex Microbial Communities. , 2014, , 323-345.		0
1373	METABOLIC ACTIVITY OF MARINE ANAMMOX BACTERIA USING HEAVY METALS AND SULFATE. Journal of Japan Society of Civil Engineers Ser G (Environmental Research), 2014, 70, III_251-III_256.	0.1	0
1374	The effect of silencing arginine kinase by RNAi on the larval development of <i>Helicoverpa armigera</i> . Bulletin of Entomological Research, 2015, 105, 555-565.	1.0	18
1375	- Hydrosphere as Microbial Habitat. , 2015, , 112-143.		0
1378	Suppressing Nitrite-oxidizing Bacteria Growth to Achieve Nitrogen Removal from Domestic Wastewater via Anammox Using Intermittent Aeration with Low Dissolved Oxygen. Scientific Reports, 2015, 5, 13048.	3.3	107
1379	Gold-Based <i>In Situ</i> Hybridization for Phylogenetic Single-Cell Detection of Prokaryotes in Environmental Samples. , 0, , 2.2.1-1-2.2.1-10.		1
1380	Biological Sulfur-Oxidizing Potential of Primary and Biological Sludge in a Tannery Wastewater Treatment Plant. Water, Air, and Soil Pollution, 2015, 226, 1.	2.4	6
1381	Mechanism of Activated Sludge Floc Disintegration Induced by Excess Addition of NaCl. Clean - Soil, Air, Water, 2015, 43, 1197-1206.	1.1	26
1382	Metabolic associations with archaea drive shifts in hydrogen isotope fractionation in sulfateâ€reducing bacterial lipids in cocultures and methane seeps. Geobiology, 2015, 13, 462-477.	2.4	31
1383	Exploitation of molecular genetics in microbial degradation and decolorization of industrial waste water effluent. African Journal of Biotechnology, 2015, 14, 489-499.	0.6	0

	Сітат	tion Report	
#	ARTICLE A Three-Component Microbial Consortium from Deep-Sea Salt-Saturated Anoxic Lake Thetis Links	IF	CITATIONS
1384	Anaerobic Clycine Betaine Degradation with Methanogenesis. Microorganisms, 2015, 3, 500-517.	3.6	14
1385	Selective isolation of ammonia-oxidizing bacteria from autotrophic nitrifying granules by applying cell-sorting and sub-culturing of microcolonies. Frontiers in Microbiology, 2015, 6, 1159.	3.5	46
1386	High-Resolution and Specific Detection of Bacteria on Complex Surfaces Using Nanoparticle Probes and Electron Microscopy. PLoS ONE, 2015, 10, e0126404.	2.5	7
1387	Surface-Associated Lipoproteins Link Enterococcus faecalis Virulence to Colitogenic Activity in IL-10-Deficient Mice Independent of Their Expression Levels. PLoS Pathogens, 2015, 11, e1004911.	4.7	42
1388	Distinct but Spatially Overlapping Intestinal Niches for Vancomycin-Resistant Enterococcus faecium and Carbapenem-Resistant Klebsiella pneumoniae. PLoS Pathogens, 2015, 11, e1005132.	4.7	100
1389	Slipping through the Cracks: Linking Low Immune Function and Intestinal Bacterial Imbalance to the Etiology of Rheumatoid Arthritis. Autoimmune Diseases, 2015, 2015, 1-12.	0.6	9
1390	Bacterial Diversity Associated with the Coccolithophorid Algae <i>Emiliania huxleyi</i> and <i>Coccolithus pelagicus</i> f. <i>braarudii</i> . BioMed Research International, 2015, 2015, 1-15.	1.9	66
1391	Fluorescent in situ hybridization of pre-incubated blood culture material for the rapid diagnosis of histoplasmosis. Medical Mycology, 2015, 53, 160-164.	0.7	22
1392	In Situ Localization and Strain-Specific Quantification of Azospirillum and Other Diazotrophic Plant Growth-Promoting Rhizobacteria Using Antibodies and Molecular Probes. , 2015, , 45-64.		5
1393	Evaluation of fluorescence in situ hybridisation (FISH) for the detection of fungi directly from blood cultures and cerebrospinal fluid from patients with suspected invasive mycoses. Annals of Clinical Microbiology and Antimicrobials, 2015, 14, 6.	3.8	16
1394	Microbiomics: An Approach to Community Microbiology. , 2015, , 633-653.		1
1395	Identification of <i>Balanus amphitrite</i> larvae from field zooplankton using species-specific primers. Journal of the Marine Biological Association of the United Kingdom, 2015, 95, 497-502.	0.8	0
1396	Seasonal variation of bacterial communities in shellfish harvesting waters: Preliminary study before applying phage therapy. Marine Pollution Bulletin, 2015, 90, 68-77.	5.0	17
1397	Anaerobic co-digestion of sewage sludge and sugar beet pulp lixiviation in batch reactors: Effect of temperature. Bioresource Technology, 2015, 180, 177-184.	9.6	40
1398	Heavy water and ¹⁵ <scp>N</scp> labelling with <scp>N</scp> ano <scp>SIMS</scp> analys reveals growth rateâ€dependent metabolic heterogeneity in chemostats. Environmental Microbiology, 2015, 17, 2542-2556.	sis 3.8	94
1399	Antifouling activity in some benthic Antarctic invertebrates by "in situ―experiments at Deception Island, Antarctica. Marine Environmental Research, 2015, 105, 30-38.	2.5	50
1400	Sepsis Pathogen Identification. Journal of the Association for Laboratory Automation, 2015, 20, 539-561.	. 2.8	45
1401	Study of 16 Portuguese activated sludge systems based on filamentous bacteria populations and their relationships with environmental parameters. Applied Microbiology and Biotechnology, 2015, 99, 5307-5316.	3.6	47

1402 Fluid-Biofilm Interactions in Porous Media. , 2015, , 207-238.

1403	In situ <scp>DNAâ€</scp> hybridization chain reaction (<scp>HCR</scp>): a facilitated in situ <scp>HCR</scp> system for the detection of environmental microorganisms. Environmental Microbiology, 2015, 17, 2532-2541.	3.8	65
1404	Colonization in the Photic Zone and Subsequent Changes during Sinking Determine Bacterial Community Composition in Marine Snow. Applied and Environmental Microbiology, 2015, 81, 1463-1471.	3.1	89
1405	Sedimentary facies analyses from nano- to millimetre scale exploring past microbial activity in a high-altitude lake (Lake Son Kul, Central Asia). Geological Magazine, 2015, 152, 902-922.	1.5	18
1406	Anaerobic degradation of cyclohexane by sulfate-reducing bacteria from hydrocarbon-contaminated marine sediments. Frontiers in Microbiology, 2015, 6, 116.	3.5	53
1407	An application of in situ hybridization for the identification of commercially important fish species. Fisheries Research, 2015, 170, 1-8.	1.7	5
1408	A Novel Separation Method of Microthrix parvicella Filaments from Activated Sludge by a Hydrophobic Plate. Current Microbiology, 2015, 71, 465-470.	2.2	0
1409	Microbial ecology in a future climate: effects of temperature and moisture on microbial communities of two boreal fens. FEMS Microbiology Ecology, 2015, 91, .	2.7	62
1410	Microbial communities in dark oligotrophic volcanic ice cave ecosystems of Mt. Erebus, Antarctica. Frontiers in Microbiology, 2015, 6, 179.	3.5	120
1411	Biogas production from different size fractions separated from solid waste and the accompanying changes in the community structure of methanogenic Archaea. Biochemical Engineering Journal, 2015, 100, 30-40.	3.6	20
1412	Normal growth of infants receiving an infant formula containing Lactobacillus reuteri, galacto-oligosaccharides, and fructo-oligosaccharide: a randomized controlled trial. Maternal Health, Neonatology and Perinatology, 2015, 1, 9.	2.2	12
1413	Handbook for Azospirillum. , 2015, , .		30
1414	Considerations in the use of fluorescence in situ hybridization (FISH) and confocal laser scanning microscopy to characterize rumen methanogens and define their spatial distributions. Canadian Journal of Microbiology, 2015, 61, 417-428.	1.7	23
1415	Prediction of melting temperatures in fluorescence <i>in situ</i> hybridization (FISH) procedures using thermodynamic models. Critical Reviews in Biotechnology, 2016, 36, 1-12.	9.0	25
1416	Treating low carbon/nitrogen (C/N) wastewater in simultaneous nitrification-endogenous denitrification and phosphorous removal (SNDPR) systems by strengthening anaerobic intracellular carbon storage. Water Research, 2015, 77, 191-200.	11.3	264
1417	In Vitro Culture of Previously Uncultured Oral Bacterial Phylotypes. Applied and Environmental Microbiology, 2015, 81, 8307-8314.	3.1	27
1418	Direct identification of major Gram-negative pathogens in respiratory specimens by respiFISH® HAP Gram (â~') Panel, a beacon-based FISH methodology. European Journal of Clinical Microbiology and Infectious Diseases, 2015, 34, 2097-2102.	2.9	8
1419	Endosymbionts escape dead hydrothermal vent tubeworms to enrich the free-living population. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11300-11305.	7.1	58

#	Article	IF	CITATIONS
1420	Recent Progress in Desalination, Environmental and Marine Outfall Systems. , 2015, , .		7
1421	Impact of pyrolysis and hydrothermal biochar on gas-emitting activity of soil microorganisms and bacterial and archaeal community composition. Applied Soil Ecology, 2015, 96, 225-239.	4.3	50
1422	Biological nutrient removal in a sequencing batch membrane bioreactor treating municipal wastewater. Desalination and Water Treatment, 2015, 55, 1654-1661.	1.0	8
1423	Modeling the nutrient removal process in aerobic granular sludge system by coupling the reactor―and granuleâ€scale models. Biotechnology and Bioengineering, 2015, 112, 53-64.	3.3	30
1424	FISHing for bacteria in food – A promising tool for the reliable detection of pathogenic bacteria?. Food Microbiology, 2015, 46, 395-407.	4.2	84
1425	Pichia anomala, a new species of yeast-like endosymbionts and its variation in small brown planthopper (Laodelphax striatellus). Journal of Bioscience and Bioengineering, 2015, 119, 669-673.	2.2	14
1426	Distribution of small phytoflagellates along an <scp>A</scp> rctic fjord transect. Environmental Microbiology, 2015, 17, 2393-2406.	3.8	33
1427	Marine bacterioplankton community turnover within seasonally hypoxic waters of a subtropical sound: <scp>D</scp> evil's <scp>H</scp> ole, <scp>B</scp> ermuda. Environmental Microbiology, 2015, 17, 3481-3499.	3.8	32
1428	The Sedimentary Deep Subseafloor Biosphere. , 2016, , 258-274.		3
1429	Experimental Warming Decreases the Average Size and Nucleic Acid Content of Marine Bacterial Communities. Frontiers in Microbiology, 2016, 7, 730.	3.5	28
1430	Bacterial community dynamics in longâ€ŧerm operation of a pilot plant using aerobic granular sludge to treat pig slurry. Biotechnology Progress, 2016, 32, 1212-1221.	2.6	28
1431	Biological treatment of groundwater with a high hexavalent chromium content under anaerobic and anoxic conditions. Journal of Chemical Technology and Biotechnology, 2016, 91, 1681-1687.	3.2	11
1432	Combining simultaneous nitrification-endogenous denitrification and phosphorus removal with post-denitrification for low carbon/nitrogen wastewater treatment. Bioresource Technology, 2016, 220, 17-25.	9.6	78
1433	A comprehensive method for amplicon-based and metagenomic characterization of viruses, bacteria, and eukaryotes in freshwater samples. Microbiome, 2016, 4, 20.	11.1	86
1434	Absolute number of Bacteria and Archaea in soil. Moscow University Soil Science Bulletin, 2016, 71, 171-173.	0.7	1
1435	A distinct and active bacterial community in cold oxygenated fluids circulating beneath the western flank of the Mid-Atlantic ridge. Scientific Reports, 2016, 6, 22541.	3.3	62
1436	Seasonal Changes in Bacterial Communities Cause Foaming in a Wastewater Treatment Plant. Microbial Ecology, 2016, 71, 660-671.	2.8	21
1437	Tracking activity and function of microorganisms by stable isotope probing of membrane lipids. Current Opinion in Biotechnology, 2016, 41, 43-52.	6.6	41

	CITATION R	CITATION REPORT	
#	Article	IF	Citations
1438	Mouse Model of Coxiella burnetii Aerosolization. Infection and Immunity, 2016, 84, 2116-2123.	2.2	26
1439	Study of simultaneous partial nitrification, ANAMMOX and denitrification (SNAD) process in an intermittent aeration membrane bioreactor. Process Biochemistry, 2016, 51, 632-641.	3.7	57
1440	FISHji: New ImageJ macros for the quantification of fluorescence in epifluorescence images. Biochemical Engineering Journal, 2016, 112, 61-69.	3.6	16
1441	Fungal and bacterial endosymbionts of eared leafhoppers of the subfamily Ledrinae (Hemiptera:) Tj ETQq1 1 0.78	84314 rgB 1.2	T /Overlock
1442	B-cell non-Hodgkin lymphoma linked to Coxiella burnetii. Blood, 2016, 127, 113-121.	1.4	78
1443	Bacterial Diversity of the Boka Kotorska Bay. Handbook of Environmental Chemistry, 2016, , 151-168.	0.4	1
1444	Impact of partial nitritation degree and C/N ratio on simultaneous Sludge Fermentation, Denitrification and Anammox process. Bioresource Technology, 2016, 219, 411-419.	9.6	29
1445	Microbial characteristics of an ANAMMOX biofilter for sewage treatment. Journal of Water Process Engineering, 2016, 12, 105-110.	5.6	25
1446	Regional Variation of CH ₄ and N ₂ Production Processes in the Deep Aquifers of an Accretionary Prism. Microbes and Environments, 2016, 31, 329-338.	1.6	18
1447	Plasticity in reproduction and nutrition in wood-boring bivalves (Xylophaga atlantica) from the Mid-Atlantic Ridge. Marine Biology, 2016, 163, 1.	1.5	15
1448	Localization of endobacteria in the gastrodermis of a Mediterranean gorgonian coral, Paramuricea clavata, using fluorescence in situ hybridization. Marine Biology, 2016, 163, 1.	1.5	7
1449	Cathodic biofilm activates electrode surface and achieves efficient autotrophic sulfate reduction. Electrochimica Acta, 2016, 213, 66-74.	5.2	27
1450	Performance and microbial community of simultaneous anammox and denitrification (SAD) process in a sequencing batch reactor. Bioresource Technology, 2016, 218, 1064-1072.	9.6	59
1451	The effects of salinity on nitrification using halophilic nitrifiers in a Sequencing Batch Reactor treating hypersaline wastewater. Scientific Reports, 2016, 6, 24825.	3.3	48
1452	Unraveling the microbial community of a cold groundwater catchment system. Water Research, 2016, 107, 113-126.	11.3	35
1453	Diversity of bacterial dimethylsulfoniopropionate degradation genes in surface seawater of Arctic Kongsfjorden. Scientific Reports, 2016, 6, 33031.	3.3	32
1454	Restricted diversity of dental calculus methanogens over five centuries, France. Scientific Reports, 2016, 6, 25775.	3.3	38
1455	Oral administration of kefiran exerts a bifidogenic effect on BALB/c mice intestinal microbiota. Beneficial Microbes, 2016, 7, 237-246.	2.4	39

#	Article	IF	CITATIONS
1456	Development of a toolbox to dissect host-endosymbiont interactions and protein trafficking in the trypanosomatid Angomonas deanei. BMC Evolutionary Biology, 2016, 16, 247.	3.2	26
1457	Investigation of full-scale step-fed SBR under low dissolved oxygen: performance and microbial community response. Water Quality Research Journal of Canada, 2016, 51, 141-152.	2.7	2
1458	Physical enrichment of uncultured Accumulibacter and Nitrospira from activated sludge by unlabeled cell sorting technique. Journal of Bioscience and Bioengineering, 2016, 122, 475-481.	2.2	14
1459	Survival of the fastest: Selective removal of the side population for enhanced PHA production in a mixed substrate enrichment. Bioresource Technology, 2016, 216, 1022-1029.	9.6	33
1460	The role of environmental factors for the composition of microbial communities of saline lakes in the Novosibirsk region (Russia). BMC Microbiology, 2016, 16, 4.	3.3	27
1461	Reinventing the Wheel and Making It Round Again: Evolutionary Convergence in <i>Buchnera</i> – <i>Serratia</i> Symbiotic Consortia between the Distantly Related Lachninae Aphids <i>Tuberolachnus salignus</i> and <i>Cinara cedri</i> . Genome Biology and Evolution, 2016, 8, 1440-1458.	2.5	85
1462	Shiga toxin-producing Escherichia coli in food: Incidence, ecology, and detection strategies. Food Control, 2016, 59, 407-419.	5.5	51
1463	Biogeography of a human oral microbiome at the micron scale. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E791-800.	7.1	673
1464	Isothermal RNA detection through the formation of DNA concatemers containing HRP-mimicking DNAzymes on the surface of gold nanoparticles. Biosensors and Bioelectronics, 2016, 80, 67-73.	10.1	34
1465	Aggregation-induced emissive nanoparticles for fluorescence signaling in a low cost paper-based immunoassay. Colloids and Surfaces B: Biointerfaces, 2016, 143, 440-446.	5.0	20
1466	Application of locked nucleic acid-based probes in fluorescence in situ hybridization. Applied Microbiology and Biotechnology, 2016, 100, 5897-5906.	3.6	17
1467	Novel Trypanosomatid-Bacterium Association: Evolution of Endosymbiosis in Action. MBio, 2016, 7, e01985.	4.1	64
1468	MiL-FISH: Multilabeled Oligonucleotides for Fluorescence <i>In Situ</i> Hybridization Improve Visualization of Bacterial Cells. Applied and Environmental Microbiology, 2016, 82, 62-70.	3.1	64
1469	Artificial electron acceptors decouple archaeal methane oxidation from sulfate reduction. Science, 2016, 351, 703-707.	12.6	346
1470	Detection of Klebsiella. Pneumoniae Infection with an Antisense Oligomer Against its Ribosomal RNA. Molecular Imaging and Biology, 2016, 18, 527-534.	2.6	4
1471	Fate of carbon, nitrogen and phosphorus removal in a post-anoxic system treating low strength wastewater. International Biodeterioration and Biodegradation, 2016, 108, 166-174.	3.9	31
1472	Illumina MiSeq sequencing reveals the key microorganisms involved in partial nitritation followed by simultaneous sludge fermentation, denitrification and anammox process. Bioresource Technology, 2016, 207, 118-125.	9.6	120
1473	Semi-nitritation process producing optimum influent for anammox process in treatment of domestic wastewater. Chemosphere, 2016, 152, 55-61.	8.2	12

#	Article	IF	CITATIONS
1474	Enhancing anaerobic digestion of lignocellulosic materials in excess sludge by bioaugmentation and pre-treatment. Waste Management, 2016, 49, 55-63.	7.4	69
1475	Trace incorporation of heavy water reveals slow and heterogeneous pathogen growth rates in cystic fibrosis sputum. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E110-6.	7.1	104
1476	Tracking and quantification of nitrifying bacteria in biofilm and mixed liquor of a partial nitrification MBBR pilot plant using fluorescence in situ hybridization. Science of the Total Environment, 2016, 541, 1115-1123.	8.0	32
1477	Fluorescence <i>in situ</i> hybridization (FISH) in the microbiological diagnostic routine laboratory: a review. Critical Reviews in Microbiology, 2017, 43, 263-293.	6.1	166
1478	A possible CO 2 leakage event: Can the marine microbial community be recovered?. Marine Pollution Bulletin, 2017, 117, 380-385.	5.0	10
1479	Bacterial community responses during a possible CO2 leaking from sub-seabed storage in marine polluted sediments. Science of the Total Environment, 2017, 593-594, 116-123.	8.0	7
1480	Effect of free ammonium and free nitrous acid on the activity, aggregate morphology and extracellular polymeric substance distribution of ammonium oxidizing bacteria in partial nitrification. Journal of Bioscience and Bioengineering, 2017, 124, 319-326.	2.2	33
1481	Diagnostic Bacteriology. Methods in Molecular Biology, 2017, , .	0.9	3
1482	Detection of Helicobacter pylori in the Gastric Mucosa by Fluorescence In Vivo Hybridization. Methods in Molecular Biology, 2017, 1616, 137-146.	0.9	4
1483	A protocol for the simultaneous identification of chitin-containing particles and their associated bacteria. Systematic and Applied Microbiology, 2017, 40, 314-320.	2.8	9
1484	Single-Cell Resolution of Uncultured Magnetotactic Bacteria via Fluorescence-Coupled Electron Microscopy. Applied and Environmental Microbiology, 2017, 83, .	3.1	50
1485	Exploring the microbial community (microflora) associated with ovine Haemonchus contortus (macroflora) field strains. Scientific Reports, 2017, 7, 70.	3.3	42
1486	Nitrite oxidizing bacteria (NOB) dominating in nitrifying community in full-scale biological nutrient removal wastewater treatment plants. AMB Express, 2017, 7, 25.	3.0	110
1487	ls polymeric substrate in influent an indirect impetus for the nitrification process in an activated sludge system?. Chemosphere, 2017, 177, 128-134.	8.2	4
1488	Developing cold-adapted biomass for the anaerobic treatment of domestic wastewater at low temperatures (4, 8 and 15°C) with inocula from cold environments. Water Research, 2017, 112, 100-109.	11.3	67
1489	Surface properties of SAR11 bacteria facilitate grazing avoidance. Nature Microbiology, 2017, 2, 1608-1615.	13.3	44
1490	Impact of (RS)-MCPP herbicide and sulphate on the treatment performance, kinetics and microbial diversity of anaerobic membrane bioreactor. Journal of Environmental Chemical Engineering, 2017, 5, 5389-5395.	6.7	3
1491	Microbial Community Composition and Functions Through Metagenomics. , 2017, , 633-657.		Ο

#	Article	IF	CITATIONS
1492	A Novel, Extremely Elongated, and Endocellular Bacterial Symbiont Supports Cuticle Formation of a Grain Pest Beetle. MBio, 2017, 8, .	4.1	34
1493	High-rate nitrification of electronic industry wastewater by using nitrifying granules. Water Science and Technology, 2017, 76, 3171-3180.	2.5	18
1494	Thermodynamically diverse syntrophic aromatic compound catabolism. Environmental Microbiology, 2017, 19, 4576-4586.	3.8	32
1495	Symbiotic bacteria associated with gut symbiotic organs and female genital accessory organs of the leaf beetle Bromius obscurus (Coleoptera: Chrysomelidae). Applied Entomology and Zoology, 2017, 52, 589-598.	1.2	12
1496	Using inÂsitu hybridization to expand the daily egg production method to new fish species. Molecular Ecology Resources, 2017, 17, 1108-1121.	4.8	7
1497	Evidence for the presence of a bacterial endosymbiont in the pecan scab pathogen <i>Venturia effusa</i> (basyonym: <i>Fusicladium effusum</i>). Journal of Applied Microbiology, 2017, 123, 491-497.	3.1	1
1498	Bartonella henselae is usually not viable in lymph nodes of patients with cat scratch disease. European Journal of Clinical Microbiology and Infectious Diseases, 2017, 36, 2207-2213.	2.9	13
1499	â€~ARMAN' archaea depend on association with euryarchaeal host in culture and in situ. Nature Communications, 2017, 8, 60.	12.8	116
1500	Inter-laboratory quantification of Bacteria and Archaea in deeply buried sediments of the Baltic Sea (IODP Expedition 347). FEMS Microbiology Ecology, 2017, 93, fix007.	2.7	18
1501	Dual phylogenetic staining protocol for simultaneous analysis of yeast and bacteria in artworks. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	6
1502	Study of the bacterial diversity of foods: PCR-DGGE versus LH-PCR. International Journal of Food Microbiology, 2017, 242, 24-36.	4.7	41
1503	Fluorescence In Situ Hybridization (FISH). Springer Protocols, 2017, , .	0.3	47
1505	A rapid collection of yet unknown ammonia oxidizers in pure culture from activated sludge. Water Research, 2017, 108, 169-178.	11.3	24
1506	Directâ€gene <scp>FISH</scp> : tuning up microscopic and molecular methodologies for targeted cell visualization. Environmental Microbiology, 2017, 19, 3-4.	3.8	1
1508	Effect of solids retention time on nitrogen and phosphorus removal from municipal wastewater in a sequencing batch membrane bioreactor. Environmental Technology (United Kingdom), 2017, 38, 806-815.	2.2	11
1509	Directâ€geneFISH: a simplified protocol for the simultaneous detection and quantification of genes and rRNA in microorganisms. Environmental Microbiology, 2017, 19, 70-82.	3.8	51
1510	Critical review on biofilm methods. Critical Reviews in Microbiology, 2017, 43, 313-351.	6.1	693
1511	Eikelboom filamentous morphotypes 0675 and 0041 embrace members of the Chloroflexi: resolving their phylogeny, and design of fluorescence in situ hybridisation probes for their identification. FEMS Microbiology Ecology, 2017, 93, .	2.7	17

#	Article	IF	CITATIONS
1512	9. Assessing metabolic activity at methane seeps: a testing ground for slow growing environmental systems. , 2017, , 223-260.		0
1513	An assessment of adaptive and antagonistic properties of Trichoderma sp. strains in vegetable waste composts. Archives of Environmental Protection, 2017, 43, 72-81.	1.1	4
1514	Optical sorting and cultivation of denitrifying anaerobic methane oxidation archaea. Biomedical Optics Express, 2017, 8, 934.	2.9	18
1515	The Association between Cardiorespiratory Fitness and Gut Microbiota Composition in Premenopausal Women. Nutrients, 2017, 9, 792.	4.1	53
1516	A Keystone Methylobacterium Strain in Biofilm Formation in Drinking Water. Water (Switzerland), 2017, 9, 778.	2.7	12
1517	Anammox Processes. , 2017, , 381-407.		5
1518	Relative Abundance and Diversity of Bacterial Methanotrophs at the Oxic–Anoxic Interface of the Congo Deep-Sea Fan. Frontiers in Microbiology, 2017, 8, 715.	3.5	12
1519	Magnetotactic Coccus Strain SHHC-1 Affiliated to Alphaproteobacteria Forms Octahedral Magnetite Magnetosomes. Frontiers in Microbiology, 2017, 8, 969.	3.5	35
1520	Single-Cell Growth Rates in Photoautotrophic Populations Measured by Stable Isotope Probing and Resonance Raman Microspectrometry. Frontiers in Microbiology, 2017, 8, 1449.	3.5	21
1521	Ca ²⁺ in Hybridization Solutions for Fluorescence <i>in situ</i> Hybridization Facilitates the Detection of <i>Enterobacteriaceae</i> . Microbes and Environments, 2017, 32, 142-146.	1.6	3
1522	Dominant <i>Candidatus</i> Accumulibacter phosphatis Enriched in Response to Phosphate Concentrations in EBPR Process. Microbes and Environments, 2017, 32, 260-267.	1.6	17
1523	Listeria monocytogenes – Danger for health safety vegetable production. Microbial Pathogenesis, 2018, 120, 23-31.	2.9	30
1524	Feasible microbial accumulation of triacylglycerides from crude glycerol. Journal of Chemical Technology and Biotechnology, 2018, 93, 2644-2651.	3.2	9
1525	Low-dissolved-oxygen nitrification in tropical sewage: an investigation on potential, performance and functional microbial community. Water Science and Technology, 2018, 77, 2274-2283.	2.5	31
1526	Opening the black box of spring water microbiology from alpine karst aquifers to support proactive drinking water resource management. Wiley Interdisciplinary Reviews: Water, 2018, 5, e1282.	6.5	28
1527	Insights into the Fundamental Physiology of the Uncultured Fe-Oxidizing Bacterium Leptothrix ochracea. Applied and Environmental Microbiology, 2018, 84, .	3.1	19
1528	Salmonella as an endophytic colonizer of plants - A risk for health safety vegetable production. Microbial Pathogenesis, 2018, 115, 199-207.	2.9	25
1529	Commensal orthologs of the human autoantigen Ro60 as triggers of autoimmunity in lupus. Science Translational Medicine, 2018, 10, .	12.4	226

#	Article	IF	CITATIONS
1530	Tissue Localization and Variation of Major Symbionts in Haemaphysalis longicornis, Rhipicephalus haemaphysaloides, and Dermacentor silvarum in China. Applied and Environmental Microbiology, 2018, 84, .	3.1	28
1531	Biodegradation of Emiliania huxleyi aggregates by a natural Mediterranean prokaryotic community under increasing hydrostatic pressure. Progress in Oceanography, 2018, 163, 271-281.	3.2	21
1532	Interactive effect of trivalent iron on activated sludge digestion and biofilm structure in attached growth reactor of waste tire rubber. Environmental Technology (United Kingdom), 2018, 39, 130-143.	2.2	8
1533	Frankiaand the Actinorhizal Symbiosis. Soil Science Society of America Book Series, 2018, , 291-328.	0.3	2
1534	Light Microscopic Methods for Studying Soil Microorganisms. Soil Science Society of America Book Series, 2018, , 81-105.	0.3	23
1535	Long-term operation of oxygen-limiting membrane bioreactor (MBR) for the development of simultaneous partial nitrification, anammox and denitrification (SNAD) process. Environmental Technology (United Kingdom), 2018, 39, 2193-2202.	2.2	13
1536	Characterization of nutrient-removing microbial communities in two full-scale WWTP systems using a new qPCR approach. Science of the Total Environment, 2018, 618, 858-865.	8.0	12
1537	Organic Compounds and Phosphorus Removal from Dairy Wastewater by Biofilm on Iron-Containing Supports. Journal of Environmental Engineering, ASCE, 2018, 144, .	1.4	8
1538	Community Composition and Diversity of Coastal Bacterioplankton Assemblages in Lakes Michigan, Erie, and Huron. Microbial Ecology, 2018, 75, 598-608.	2.8	10
1539	Molecular Biology Techniques Applied to the Study of Microbial Diversity of Wastewater Treatment Systems. , 2018, , 205-299.		5
1540	Metabolic versatility of a novel N ₂ â€fixing Alphaproteobacterium isolated from a marine oxygen minimum zone. Environmental Microbiology, 2018, 20, 755-768.	3.8	29
1541	Modelling the long-term effect of wastewater compositions on maximum sulfide and methane production rates of sewer biofilm. Water Research, 2018, 129, 58-65.	11.3	47
1542	Characterization of dominant giant rod-shaped magnetotactic bacteria from a low tide zone of the China Sea. Journal of Oceanology and Limnology, 2018, 36, 783-794.	1.3	4
1543	Kraft Lignin Grafted with Polyvinylpyrrolidone as a Novel Microbial Carrier in Biogas Production. Energies, 2018, 11, 3246.	3.1	18
1544	Evaluation of FISH for blood cultures under diagnostic real-life conditions. European Journal of Microbiology and Immunology, 2018, 8, 135-141.	2.8	4
1545	Oral administration of viable Bifidobacterium pseudolongum strain Patronus modified colonic microbiota and increased mucus layer thickness in rat. FEMS Microbiology Ecology, 2018, 94, .	2.7	22
1546	Robust Multiplex Quantitative Polymerase Chain Reaction Assay for Universal Detection of Microorganisms in Fuel. Energy & Fuels, 2018, 32, 10530-10539.	5.1	9
1547	Key operating parameters affecting nitrogen removal rate in single-stage deammonification. Chemosphere, 2018, 207, 357-364.	8.2	34

#	Article	IF	CITATIONS
1548	Candidatus Nitrosocaldus cavascurensis, an Ammonia Oxidizing, Extremely Thermophilic Archaeon with a Highly Mobile Genome. Frontiers in Microbiology, 2018, 9, 28.	3.5	86
1549	The microbial community in a moving bed biotrickling filter operated to remove hydrogen sulfide from gas streams. Systematic and Applied Microbiology, 2018, 41, 399-407.	2.8	8
1550	Development of a 16S rRNA-targeted fluorescence in situ hybridization probe for quantification of the ammonia-oxidizer Nitrosotalea devanaterra and its relatives. Systematic and Applied Microbiology, 2018, 41, 408-413.	2.8	3
1551	Sugarcane Bagasse as a Microbial Host Media for the Passive Treatment of Acid Mine Drainage. Journal of Environmental Engineering, ASCE, 2018, 144, .	1.4	10
1552	Optimizing the Toehold Strategy of On-Chip Nucleic Acid Hybridization Probe for the Discrimination of Single Nucleotide Polymorphism. Langmuir, 2018, 34, 14811-14816.	3.5	4
1553	Fluorescence <i>In Situ</i> Hybridization (FISH) and Peptide Nucleic Acid Probe-Based FISH for Diagnosis of Q Fever Endocarditis and Vascular Infections. Journal of Clinical Microbiology, 2018, 56, .	3.9	21
1554	Geochemical and Microbiological Evidence for Microbial Methane Production in Deep Aquifers of the Cretaceous Accretionary Prism. Microbes and Environments, 2018, 33, 205-213.	1.6	6
1555	Chip-SIP: Stable Isotope Probing Analyzed with rRNA-Targeted Microarrays and NanoSIMS. Methods in Molecular Biology, 2019, 2046, 71-87.	0.9	9
1556	Stable Isotope Probing. Methods in Molecular Biology, 2019, , .	0.9	17
1557	Enhanced nitrogen removal in an anoxic-oxic-anoxic process treating low COD/N tropical wastewater: Low-dissolved oxygen nitrification and utilization of slowly-biodegradable COD for denitrification. Science of the Total Environment, 2019, 693, 133526.	8.0	45
1558	Primer-free FISH probes from metagenomics/metatranscriptomics data permit the study of uncharacterised taxa in complex microbial communities. Npj Biofilms and Microbiomes, 2019, 5, 17.	6.4	11
1559	Ammonia Oxidation by the Arctic Terrestrial Thaumarchaeote Candidatus Nitrosocosmicus arcticus Is Stimulated by Increasing Temperatures. Frontiers in Microbiology, 2019, 10, 1571.	3.5	51
1560	Carbon isotopic heterogeneity of coenzyme F430 and membrane lipids in methaneâ€oxidizing archaea. Geobiology, 2019, 17, 611-627.	2.4	3
1561	Similar temperature sensitivity of soil mineral-associated organic carbon regardless of age. Soil Biology and Biochemistry, 2019, 136, 107527.	8.8	16
1562	Abundance and Taxonomic Diversity of Bacteria Inhabiting the Sediment-Water Interface in a Marine Harbor Channel. Ocean Science Journal, 2019, 54, 407-418.	1.3	0
1563	Is It First the Egg or the Shrimp? – Diversity and Variation in Microbial Communities Colonizing Broods of the Vent Shrimp Rimicaris exoculata During Embryonic Development. Frontiers in Microbiology, 2019, 10, 808.	3.5	22
1564	An important step forward for the future development of an easy and fast procedure for identifying the most dangerous wine spoilage yeast,Dekkera bruxellensis,in wine environment. Microbial Biotechnology, 2019, 12, 1237-1248.	4.2	2
1565	Localization of Staphylococcus inside the vacuole of Candida albicans by immunodetection and FISH. Infection, Genetics and Evolution, 2019, 75, 104014.	2.3	6

#	Article	IF	CITATIONS
1566	Performance of partial nitritation-anammox processes at mainstream conditions in an IFAS system. Journal of Environmental Management, 2019, 250, 109538.	7.8	29
1567	Effects of several inocula on the biochemical hydrogen potential of sludge-vinasse co-digestion. Fuel, 2019, 258, 116180.	6.4	23
1568	Dynamics of microbial communities across the three domains of life over an annual cycle with emphasis on marine mucilage in the Southern Bay of Biscay resolved by microbial fingerprinting. Continental Shelf Research, 2019, 186, 127-137.	1.8	6
1569	A Multicolor Fluorescence in situ Hybridization Approach Using an Extended Set of Fluorophores to Visualize Microorganisms. Frontiers in Microbiology, 2019, 10, 1383.	3.5	58
1570	Recent trends in molecular diagnostics of yeast infections: from PCR to NGS. FEMS Microbiology Reviews, 2019, 43, 517-547.	8.6	77
1571	Optimizing locked nucleic acid/2'-O-methyl-RNA fluorescence in situ hybridization (LNA/2'OMe-FISH) procedure for bacterial detection. PLoS ONE, 2019, 14, e0217689.	2.5	18
1572	Phylogenetic and Structural Identification of a Novel Magnetotactic <i>Deltaproteobacteria</i> Strain, WYHR-1, from a Freshwater Lake. Applied and Environmental Microbiology, 2019, 85, .	3.1	35
1573	Nitinol as a suitable anode material for electricity generation in microbial fuel cells. Bioelectrochemistry, 2019, 128, 118-125.	4.6	37
1574	From Imaging to Functional Traits in Interactions Between Roots and Microbes. Rhizosphere Biology, 2019, , 227-239.	0.6	1
1575	Localization of typical and atypical Frankia isolates from Casuarina sp. in nodules formed on Casuarina equisetifolia. Plant and Soil, 2019, 435, 385-393.	3.7	7
1576	Identification of novel species of marine magnetotactic bacteria affiliated with <i>Nitrospirae</i> phylum. Environmental Microbiology Reports, 2019, 11, 330-337.	2.4	22
1577	Resolving the individual contribution of key microbial populations to enhanced biological phosphorus removal with Raman–FISH. ISME Journal, 2019, 13, 1933-1946.	9.8	130
1579	An effective method of utilizing vegetable waste in the form of carriers for Trichoderma strains with phytosanitary properties. Science of the Total Environment, 2019, 671, 795-804.	8.0	6
1580	The application of molecular tools to study the drinking water microbiome – Current understanding and future needs. Critical Reviews in Environmental Science and Technology, 2019, 49, 1188-1235.	12.8	38
1581	Quantitative Stable Isotope Probing with H O to Measure Taxon-Specific Microbial Growth. Methods of Soil Analysis, 2019, 4, 1503.	0.8	3
1582	The Use of Lignin as a Microbial Carrier in the Co-Digestion of Cheese and Wafer Waste. Polymers, 2019, 11, 2073.	4.5	18
1583	Tripartite Symbiosis of an Anaerobic Scuticociliate with Two Hydrogenosome-Associated Endosymbionts, a <i>Holospora</i> -Related Alphaproteobacterium and a Methanogenic Archaeon. Applied and Environmental Microbiology, 2019, 85, .	3.1	26
1584	Stable nitrite accumulation and phosphorous removal from nitrate and municipal wastewaters in a combined process of endogenous partial denitrification and denitrifying phosphorus removal (EPDPR). Chemical Engineering Journal, 2019, 355, 560-571.	12.7	123

#	Article	IF	CITATIONS
1585	Cell Immobilization on Lignin–Polyvinylpyrrolidone Material for Anaerobic Digestion. Environmental Engineering Science, 2019, 36, 478-490.	1.6	13
1586	How to cope with NOB activity and pig manure inhibition in a partial nitritation-anammox process?. Separation and Purification Technology, 2019, 212, 396-404.	7.9	11
1587	Fluorescence in situ hybridization, a complementary molecular tool for the clinical diagnosis of infectious diseases by intracellular and fastidious bacteria. FEMS Microbiology Reviews, 2019, 43, 88-107.	8.6	47
1588	PHA accumulation of a mixed microbial culture co-exists with ammonia partial nitritation. Chemical Engineering Journal, 2019, 360, 1255-1261.	12.7	26
1589	Juxtaposed membranes underpin cellular adhesion and display unilateral cell division of multicellular magnetotactic prokaryotes. Environmental Microbiology, 2020, 22, 1481-1494.	3.8	25
1590	Unravelling interspecies interactions across heterogeneities in complex biofilm communities. Environmental Microbiology, 2020, 22, 5-16.	3.8	60
1591	Increased power generation from a new sandwich-type microbial fuel cell (ST-MFC) with a membrane-aerated cathode. Biomass and Bioenergy, 2020, 142, 105781.	5.7	28
1592	Light supports cellâ€integrity and growth rates of taxonomically diverse coastal photoheterotrophs. Environmental Microbiology, 2020, 22, 3823-3837.	3.8	6
1593	A Comparison of the Influence of Kraft Lignin and the Kraft Lignin/Silica System as Cell Carriers on the Stability and Efficiency of the Anaerobic Digestion Process. Energies, 2020, 13, 5803.	3.1	6
1594	Enrichment of Comammox and Nitrite-Oxidizing Nitrospira From Acidic Soils. Frontiers in Microbiology, 2020, 11, 1737.	3.5	38
1595	Importance of Initial Interfacial Steps during Chalcopyrite Bioleaching by a Thermoacidophilic Archaeon. Microorganisms, 2020, 8, 1009.	3.6	6
1596	Highly Reduced Genomes of Protist Endosymbionts Show Evolutionary Convergence. Current Biology, 2020, 30, 925-933.e3.	3.9	41
1597	Optimization of nitrogen and carbon removal with simultaneous partial nitrification, anammox and denitrification in membrane bioreactor. Royal Society Open Science, 2020, 7, 200584.	2.4	10
1598	High-resolution melting analysis for identification of microalgae species. Journal of Applied Phycology, 2020, 32, 3901-3911.	2.8	2
1599	Recovery of Polyhydroxyalkanoates from Cooked Mussel Processing Wastewater at High Salinity and Acidic Conditions. Sustainability, 2020, 12, 10386.	3.2	6
1600	Quantitative stable isotope probing with H ₂ ¹⁸ O to measure taxonâ€specific microbial growth. Soil Science Society of America Journal, 2020, 84, 1503-1518.	2.2	6
1601	Corrosion of Metallic and Structural Elements Exposed to Acid Mine Drainage (AMD). Mine Water and the Environment, 2020, 39, 195-203.	2.0	6
1602	Microbial biofilms: Functional annotation and potential applications in agriculture and allied sectors. , 2020, , 283-301.		22

#	Article	IF	CITATIONS
1603	Diversity, enrichment, and genomic potential of anaerobic methane- and ammonium-oxidizing microorganisms from a brewery wastewater treatment plant. Applied Microbiology and Biotechnology, 2020, 104, 7201-7212.	3.6	9
1604	Defining Culture Conditions for the Hidden Nitrite-Oxidizing Bacterium Nitrolancea. Frontiers in Microbiology, 2020, 11, 1522.	3.5	30
1605	A Differential Metabarcoding Approach to Describe Taxonomy Profiles of Bacteria and Archaea in the Saltern of Margherita di Savoia (Italy). Microorganisms, 2020, 8, 936.	3.6	21
1606	Peptide Nucleic Acids. Methods in Molecular Biology, 2020, , .	0.9	8
1607	Successful enrichment of low-abundant comammox <i>Nitrospira</i> from nitrifying granules under ammonia-limited conditions. FEMS Microbiology Letters, 2020, 367, .	1.8	19
1608	Optimization of an enriched mixed culture to increase PHA accumulation using industrial saline complex wastewater as a substrate. Chemosphere, 2020, 247, 125873.	8.2	33
1609	Electricity generation potential of sewage sludge in sediment microbial fuel cell using Ti–TiO ₂ electrode. Environmental Progress and Sustainable Energy, 2020, 39, e13407.	2.3	21
1610	The Potato Yam Phyllosphere Ectosymbiont Paraburkholderia sp. Msb3 Is a Potent Growth Promotor in Tomato. Frontiers in Microbiology, 2020, 11, 581.	3.5	16
1611	" <i>Candidatus</i> Desulfobulbus rimicarensis,―an Uncultivated Deltaproteobacterial Epibiont from the Deep-Sea Hydrothermal Vent Shrimp <i>Rimicaris exoculata</i> . Applied and Environmental Microbiology, 2020, 86, .	3.1	24
1612	Changes in the Phylogenetic Structure of the Metabolically Active Prokaryotic Soil Complex Induced by Oil Pollution. Microbiology, 2020, 89, 219-230.	1.2	14
1613	Abundance and phylogenetic diversity of bacterioneuston and bacterioplankton inhabiting marine harbor channel on the southern coast of the Baltic Sea. Ecohydrology and Hydrobiology, 2021, 21, 177-188.	2.3	0
1614	Point-of-Need Diagnostics for Foodborne Pathogen Screening. SLAS Technology, 2021, 26, 55-79.	1.9	15
1615	Diverse phylogeny and morphology of magnetite biomineralized by magnetotactic cocci. Environmental Microbiology, 2021, 23, 1115-1129.	3.8	25
1616	Determination of microbial numbers in anaerobically digested biofertilisers. Environmental Technology (United Kingdom), 2021, 42, 753-763.	2.2	4
1617	Coniochaeta fungus benefits from its intracellular bacteria to form biofilm and defend against other fungi. Archives of Microbiology, 2021, 203, 1357-1366.	2.2	5
1618	Effect of hydraulic retention time on hydrogen production from sewage sludge and wine vinasse in a thermophilic acidogenic CSTR: A promising approach for hydrogen production within the biorefinery concept. International Journal of Hydrogen Energy, 2021, 46, 7810-7820.	7.1	19
1619	Tumor-Associated Microbiome: Where Do We Stand?. International Journal of Molecular Sciences, 2021, 22, 1446.	4.1	31
1620	Revisiting soil bacterial counting methods: Optimal soil storage and pretreatment methods and comparison of culture-dependent and -independent methods. PLoS ONE, 2021, 16, e0246142.	2.5	22

#	Article	IF	CITATIONS
1621	Dissecting Individual Interactions between Pathogenic and Commensal Bacteria within a Multispecies Gut Microbial Community. MSphere, 2021, 6, .	2.9	10
1622	A new symbiotic lineage related to <i>Neisseria</i> and <i>Snodgrassella</i> arises from the dynamic and diverse microbiomes in sucking lice. Molecular Ecology, 2021, 30, 2178-2196.	3.9	16
1623	Effect of static magnetic field on microbial community during anaerobic digestion. Bioresource Technology, 2021, 323, 124600.	9.6	33
1624	<i>Macrobdella decora</i> : Old World Leech Gut Microbial Community Structure Conserved in a New World Leech. Applied and Environmental Microbiology, 2021, 87, .	3.1	4
1625	Identification and characterization of magnetotactic Gammaproteobacteria from a salt evaporation pool, Bohai Bay, China. Environmental Microbiology, 2022, 24, 938-950.	3.8	11
1626	Circulating bacterial signature is linked to metabolic disease and shifts with metabolic alleviation after bariatric surgery. Genome Medicine, 2021, 13, 105.	8.2	14
1628	Effect of hydraulic retention time on the methanogenic step of a two-stage anaerobic digestion system from sewage sludge and wine vinasse: Microbial and kinetic evaluation. Fuel, 2021, 296, 120674.	6.4	17
1629	Metabolically Active Prokaryotic Complex in Grassland and Forests' Sod-Podzol under Polycyclic Aromatic Hydrocarbon Influence. Forests, 2021, 12, 1103.	2.1	8
1630	Genome-Based Characterization of Plant-Associated Rhodococcus qingshengii RL1 Reveals Stress Tolerance and Plant–Microbe Interaction Traits. Frontiers in Microbiology, 2021, 12, 708605.	3.5	6
1631	Abamektin Pestisitinin Anaerobik Arıtma Sisteminde Mikrobiyal Komunite ve Biyogaz Üretimi Üzerindeki Etkisinin Araştırılması. Journal of the Institute of Science and Technology, 0, , 1854-1865.	0.9	0
1632	Bioaerosols in the Amazon rain forest: temporal variations and vertical profiles of Eukarya, Bacteria, and Archaea. Biogeosciences, 2021, 18, 4873-4887.	3.3	12
1633	A Novel Magnetotactic Alphaproteobacterium Producing Intracellular Magnetite and Calcium-Bearing Minerals. Applied and Environmental Microbiology, 2021, 87, e0155621.	3.1	4
1634	The intratumoral microbiome: Characterization methods and functional impact. Cancer Letters, 2021, 522, 63-79.	7.2	20
1635	Phylogenetic Perspective on Microbial Life in Hydrothermal Ecosystems, Past and Present. Novartis Foundation Symposium, 1996, 202, 24-39.	1.1	6
1638	The Genus Herbaspirillum. , 2006, , 141-150.		13
1639	Nucleic acid extraction, oligonucleotide probes and PCR methods. , 2005, , 81-104.		14
1640	Molecular Ecology of Anaerobic Reactor Systems. Advances in Biochemical Engineering/Biotechnology, 2003, 81, 151-203.	1.1	19
1641	Diversity of Naturally Occurring Prokaryotes. , 1996, , 125-133.		1

#	Article	IF	CITATIONS
1642	Detection of Microorganisms by Fluorescence In Situ Hybridization Using Peptide Nucleic Acid. Methods in Molecular Biology, 2020, 2105, 217-230.	0.9	6
1643	EVALUATION OF BIOFILMS OCCURING IN DRINKING WATER DISTRIBUTION SYSTEM OF BALATONFÃ ∞ RED. , 2006, , 501-507.		2
1644	Isolation of Hyperthermophilic Archaea Previously Detected by Sequencing rDNA Directly from the Environment. , 2001, , 93-101.		1
1645	Typing in Situ with Probes. , 1994, , 115-135.		13
1646	The Use of Molecular Markers for the Detection and Typing of Bacteria in Soil. , 1994, , 137-152.		3
1647	Molecular Analysis and Control of Activated Sludge. , 1997, , 323-342.		4
1648	Molecular Approaches to Understanding and Manipulating Field Ecology of Microorganisms in Agriculture. , 1996, , 203-218.		1
1649	Ribosomal RNA Analysis of Microorganisms as They Occur in Nature. Advances in Microbial Ecology, 1992, , 219-286.	0.1	379
1650	Behavioral Strategies of Surface-Colonizing Bacteria. Advances in Microbial Ecology, 1995, , 1-75.	0.1	48
1651	Biota of the Human Gastrointestinal Tract. , 1997, , 39-58.		10
1652	Molecular Ecology of Gastrointestinal Ecosystems. , 1997, , 243-298.		56
1653	Identification and in Situ Detection of Intracellular Bacteria in the Environment. Sub-Cellular Biochemistry, 2000, 33, 601-624.	2.4	4
1654	Do Bacterial Communities Transcend Darwinism?. Advances in Microbial Ecology, 1997, , 105-191.	0.1	58
1655	Modern Approaches to the Taxonomy of Aspergillus. , 1994, , 291-301.		7
1656	Experimental Approaches to Investigating the Vaginal Biofilm Microbiome. Methods in Molecular Biology, 2014, 1147, 85-103.	0.9	2
1657	PNA-Based Fluorescence In Situ Hybridization for Identification of Bacteria in Clinical Samples. Methods in Molecular Biology, 2014, 1211, 261-271.	0.9	18
1658	Fluorescence "In Situ―Hybridization for the Detection of Biofilm in the Middle Ear and Upper Respiratory Tract Mucosa. Methods in Molecular Biology, 2009, 493, 191-213.	0.9	46
1659	Preliminary Evaluation of Sharon-Anammox Process Feasibility to Treat Ammonium-Rich Effluents Produced by Double-Stage Anaerobic Digestion of Food Waste. Lecture Notes in Civil Engineering, 2017, , 536-543.	0.4	4

#	Article	IF	CITATIONS
1660	Identification of Environmental Microorganisms by Fluorescence in situ Hybridization. , 2010, , 4127-4135.		2
1661	Characterization of the microbial diversity in the abandoned uranium mine Königstein. , 2008, , 733-742.		4
1662	Microbial Life in Volcanic Lakes. Advances in Volcanology, 2015, , 507-522.	1.1	7
1663	Die Anwendung von in situ-Hybridisierungssonden zur AufklÄ r ung von Struktur und Dynamik der mikrobiellen BiozĶnosen in der Abwasserreinigung. , 1996, , 93-110.		4
1664	Targeting Ribosomal RNA Sequences: A Universal Approach to the Detection and Identification of Microorganisms. , 1991, , 27-36.		5
1665	Light and electron microscopy in microbial mat research: An overview. , 1994, , 173-182.		4
1666	Nucleic Acid-Based Techniques for Analyzing the Diversity, Structure, and Function of Microbial Communities in Marine Waters and Sediments. , 2002, , 419-438.		3
1667	Biovolatilisation of metal(loid)s by microorganisms. , 2004, , 137-153.		4
1668	Architecture of Archaeal-Dominated Microbial Mats from Cold Seeps in the Black Sea (Dnjepr Canyon,) Tj ETQq0	0 0 rgBT /	Overlock 10
1669	Identification and typing by nucleic acid hybridization techniques. , 1993, , 64-92.		4
1670	Biofilms Associated with Health. , 1992, , 21-34.		7
1671	Molecular Biology and Genetic Diversity of Microorganisms. , 2000, , 43-57.		1
1672	Molecular Phylogenetics: New Perspective on the Ecology, Evolution and Biodiversity of Marine Organisms. , 1998, , 1-27.		2
1673	Molecular and functional diversity in soil micro-organisms. , 2002, , 9-17.		13
1674	Haloferax sp. D1227, a halophilic Archaeon capable of growth on aromatic compounds. Archives of Microbiology, 1994, 161, 445-452.	2.2	9

1675	Detection of mRNA of nprM in Bacillus megaterium ATCC 14581 grown in soil by whole-cell hybridization. Archives of Microbiology, 1995, 163, 235-241.	2.2	5
1676	Longitudinal changes in microbial assemblages of the Ogeechee River. Freshwater Biology, 2000, 43, 605-615.	2.4	13

1677	Enumeration of Carnobacterium divergens V41, Carnobacterium piscicola V1 and Lactobacillus brevis LB62 by in situ hybridization-flow cytometry. Letters in Applied Microbiology, 1998, 27, 302-306.	2.2	15	
------	--	-----	----	--

#	Article	IF	CITATIONS
1678	Development of polymerase chain reaction and fluorescent in situ hybridisation techniques for the detection of a bacterial strain that degrades the cyanobacterial toxin microcystin LR. Marine and Freshwater Research, 2005, 56, 1127.	1.3	5
1679	Molecular ecology and diversity in gut microbial ecosystems , 2000, , 61-77.		29
1680	Genetic Diversity of Archaea in Deep-Sea Hydrothermal Vent Environments. Genetics, 1999, 152, 1285-1297.	2.9	433
1681	Ileal Symbiont Intracellularis, an Obligate Intracellular Bacterium of Porcine Intestines Showing a Relationship to Desulfovibrio Species. International Journal of Systematic Bacteriology, 1993, 43, 533-538.	2.8	104
1682	Identification and characterization of anaerobic gut fungi using molecular methodologies based on ribosomal ITS1 and 18S rRNA The GenBank accession numbers for the sequences determined in this work are given in Methods Microbiology (United Kingdom), 2000, 146, 393-403.	1.8	92
1683	Relationship between nucleic acid ratios and growth in Listeria monocytogenes. Microbiology (United) Tj ETQq1 1	9.78431 1.8	4 rgBT /Over
1684	Repeated ruminal dosing of Ruminococcus spp. does not result in persistence, but changes in other microbial populations occur that can be measured with quantitative 16S-rRNA-based probes. Microbiology (United Kingdom), 2001, 147, 1719-1729.	1.8	37
1690	Identification and in situ detection of individual bacterial cells. FEMS Microbiology Letters, 1992, 100, 45-50.	1.8	17
1691	Identification and in situ detection of individual bacterial cells. FEMS Microbiology Letters, 1992, 100, 45-50.	1.8	24
1695	Single Cell Identification by Fluorescence In Situ Hybridization. , 0, , 886-896.		13
1697	Phylogenetic Diversity of Microbial Pathogens. , 0, , 507-517.		2
1698	Sensitive enzyme-amplified electrical immunoassay for protein A-bearing Staphylococcus aureus in foods. Applied and Environmental Microbiology, 1990, 56, 3278-3284.	3.1	23
1699	Combination of 16S rRNA-targeted oligonucleotide probes with flow cytometry for analyzing mixed microbial populations. Applied and Environmental Microbiology, 1990, 56, 1919-1925.	3.1	3,720
1700	Use of oligodeoxynucleotide signature probes for identification of physiological groups of methylotrophic bacteria. Applied and Environmental Microbiology, 1990, 56, 2858-2865.	3.1	149
1701	Molecular cloning, expression, and characterization of endoglucanase genes from Fibrobacter succinogenes AR1. Applied and Environmental Microbiology, 1991, 57, 359-365.	3.1	21
1702	Phylogenetic characterization and in situ localization of the bacterial symbiont of shipworms (Teredinidae: Bivalvia) by using 16S rRNA sequence analysis and oligodeoxynucleotide probe hybridization. Applied and Environmental Microbiology, 1991, 57, 2376-2382.	3.1	113
1703	Molecular and microscopic identification of sulfate-reducing bacteria in multispecies biofilms. Applied and Environmental Microbiology, 1992, 58, 614-623.	3.1	446
1704	Dual staining of natural bacterioplankton with 4',6-diamidino-2-phenylindole and fluorescent oligonucleotide probes targeting kingdom-level 16S rRNA sequences. Applied and Environmental Microbiology, 1992, 58, 2158-2163.	3.1	342

#	Article	IF	CITATIONS
1705	Rapid in situ hybridization technique using 16S rRNA segments for detecting and differentiating the closely related gram-positive organisms Bacillus polymyxa and Bacillus macerans. Applied and Environmental Microbiology, 1992, 58, 2571-2578.	3.1	53
1706	Identification of individual prokaryotic cells by using enzyme-labeled, rRNA-targeted oligonucleotide probes. Applied and Environmental Microbiology, 1992, 58, 3007-3011.	3.1	155
1707	Use of a simplified cell blot technique and 16S rRNA-directed probes for identification of common environmental isolates. Applied and Environmental Microbiology, 1993, 59, 3219-3224.	3.1	81
1708	Distribution of sulfate-reducing bacteria, O2, and H2S in photosynthetic biofilms determined by oligonucleotide probes and microelectrodes. Applied and Environmental Microbiology, 1993, 59, 3840-3849.	3.1	281
1709	Design and application of rRNA-targeted oligonucleotide probes for the dissimilatory iron- and manganese-reducing bacterium Shewanella putrefaciens. Applied and Environmental Microbiology, 1993, 59, 4152-4160.	3.1	90
1710	Monitoring the enrichment and isolation of sulfate-reducing bacteria by using oligonucleotide hybridization probes designed from environmentally derived 16S rRNA sequences. Applied and Environmental Microbiology, 1993, 59, 682-686.	3.1	306
1711	Use of rRNA fluorescence in situ hybridization for measuring the activity of single cells in young and established biofilms. Applied and Environmental Microbiology, 1993, 59, 1354-1360.	3.1	543
1712	Probing activated sludge with oligonucleotides specific for proteobacteria: inadequacy of culture-dependent methods for describing microbial community structure. Applied and Environmental Microbiology, 1993, 59, 1520-1525.	3.1	711
1713	Development of an oligonucleotide probe targeting 16S rRNA and its application for detection and quantitation of the ruminal bacterium Synergistes jonesii in a mixed-population chemostat. Applied and Environmental Microbiology, 1993, 59, 1607-1612.	3.1	49
1714	Application of rRNA-based probes for observing marine nanoplanktonic protists. Applied and Environmental Microbiology, 1993, 59, 1647-1655.	3.1	139
1715	Whole-Cell Hybridization of <i>Frankia</i> Strains with Fluorescence- or Digoxigenin-Labeled, 16S rRNA-Targeted Oligonucleotide Probes. Applied and Environmental Microbiology, 1993, 59, 1709-1716.	3.1	70
1716	In situ identification of bacteria in drinking water and adjoining biofilms by hybridization with 16S and 23S rRNA-directed fluorescent oligonucleotide probes. Applied and Environmental Microbiology, 1993, 59, 2293-2298.	3.1	264
1717	Dominating Role of an Unusual Magnetotactic Bacterium in the Microaerobic Zone of a Freshwater Sediment. Applied and Environmental Microbiology, 1993, 59, 2397-2403.	3.1	247
1718	Detection of mRNA in <i>Streptomyces</i> Cells by Whole-Cell Hybridization with Digoxigenin-Labeled Probes. Applied and Environmental Microbiology, 1993, 59, 2753-2757.	3.1	65
1719	The use of 16S rRNA-targeted oligonucleotide probes to study competition between ruminal fibrolytic bacteria: development of probes for Ruminococcus species and evidence for bacteriocin production. Applied and Environmental Microbiology, 1994, 60, 3688-3696.	3.1	98
1720	The use of 16S rRNA-targeted oligonucleotide probes to study competition between ruminal fibrolytic bacteria: pure-culture studies with cellulose and alkaline peroxide-treated wheat straw. Applied and Environmental Microbiology, 1994, 60, 3697-3703.	3.1	69
1721	Phylogenetic analysis of a highly specific association between ectosymbiotic, sulfur-oxidizing bacteria and a marine nematode. Applied and Environmental Microbiology, 1994, 60, 4461-4467.	3.1	101
1722	Development of an rRNA-targeted oligonucleotide probe specific for the genus Acinetobacter and its application for in situ monitoring in activated sludge. Applied and Environmental Microbiology, 1994, 60, 792-800.	3.1	516

#	Article	IF	CITATIONS
1723	Group-specific 16S rRNA hybridization probes to describe natural communities of methanogens. Applied and Environmental Microbiology, 1994, 60, 1232-1240.	3.1	807
1724	Quantification of methanogenic groups in anaerobic biological reactors by oligonucleotide probe hybridization. Applied and Environmental Microbiology, 1994, 60, 1241-1248.	3.1	346
1725	Identifying members of the domain Archaea with rRNA-targeted oligonucleotide probes. Applied and Environmental Microbiology, 1994, 60, 3112-3119.	3.1	130
1726	Identification of Whole Fixed Bacterial Cells with Nonradioactive 23S rRNA-Targeted Polynucleotide Probes. Applied and Environmental Microbiology, 1994, 60, 3228-3235.	3.1	113
1727	PCR-based preparation of 23S rRNA-targeted group-specific polynucleotide probes. Applied and Environmental Microbiology, 1994, 60, 3236-3244.	3.1	76
1728	Development and application of a monoclonal antibody against Thiothrix spp. Applied and Environmental Microbiology, 1995, 61, 13-20.	3.1	21
1729	Fluorescently Labeled Virus Probes Show that Natural Virus Populations Can Control the Structure of Marine Microbial Communities. Applied and Environmental Microbiology, 1995, 61, 3623-3627.	3.1	139
1730	A novel approach for monitoring genetically engineered microorganisms by using artificial, stable RNAs. Applied and Environmental Microbiology, 1995, 61, 3661-3666.	3.1	21
1731	Rapid differentiation of bacterial species with multiple probes of different lengths in a single slot blot hybridization. Applied and Environmental Microbiology, 1995, 61, 4269-4273.	3.1	6
1732	Bacterial growth on surfaces: automated image analysis for quantification of growth rate-related parameters. Applied and Environmental Microbiology, 1995, 61, 741-748.	3.1	112
1733	Characterization of the endosymbiont of a deep-sea bivalve, Calyptogena soyoae. Applied and Environmental Microbiology, 1995, 61, 823-827.	3.1	22
1734	In Situ Localization of Azospirillum brasilense in the Rhizosphere of Wheat with Fluorescently Labeled, rRNA-Targeted Oligonucleotide Probes and Scanning Confocal Laser Microscopy. Applied and Environmental Microbiology, 1995, 61, 1013-1019.	3.1	245
1735	Application of a strain-specific rRNA oligonucleotide probe targeting Pseudomonas fluorescens Ag1 in a mesocosm study of bacterial release into the environment. Applied and Environmental Microbiology, 1995, 61, 1384-1390.	3.1	39
1736	Flow cytometric analysis of activated sludge with rRNA-targeted probes. Applied and Environmental Microbiology, 1995, 61, 1859-1866.	3.1	157
1737	Identification of grass-associated and toluene-degrading diazotrophs, Azoarcus spp., by analyses of partial 16S ribosomal DNA sequences. Applied and Environmental Microbiology, 1995, 61, 2257-2261.	3.1	58
1738	Characterization of chemoautotrophic bacterial symbionts in a gutless marine worm Oligochaeta, Environmental Microbiology, 1995, 61, 2346-2350.	3.1	77
1739	Fluorescent in situ hybridization with rRNA-targeted oligonucleotide probes to identify small phytoplankton by flow cytometry. Applied and Environmental Microbiology, 1995, 61, 2506-2513.	3.1	129
1740	Quantitative fluorescence in situ hybridization of Bifidobacterium spp. with genus-specific 16S rRNA-targeted probes and its application in fecal samples. Applied and Environmental Microbiology,	3.1	882

#	Article	IF	CITATIONS
1741	Detection of specific bacterial cells with 2-hydroxy-3-naphthoic acid-2'-phenylanilide phosphate and fast red TR in situ hybridization. Applied and Environmental Microbiology, 1996, 62, 275-278.	3.1	46
1742	The oligonucleotide probe database. Applied and Environmental Microbiology, 1996, 62, 3557-3559.	3.1	563
1743	Degradative capacities and 16S rRNA-targeted whole-cell hybridization of sulfate-reducing bacteria in an anaerobic enrichment culture utilizing alkylbenzenes from crude oil. Applied and Environmental Microbiology, 1996, 62, 3605-3613.	3.1	178
1744	Population analysis in a denitrifying sand filter: conventional and in situ identification of Paracoccus spp. in methanol-fed biofilms. Applied and Environmental Microbiology, 1996, 62, 4329-4339.	3.1	173
1745	Characterization of universal small-subunit rRNA hybridization probes for quantitative molecular microbial ecology studies. Applied and Environmental Microbiology, 1996, 62, 4504-4513.	3.1	318
1746	Activity and three-dimensional distribution of toluene-degrading Pseudomonas putida in a multispecies biofilm assessed by quantitative in situ hybridization and scanning confocal laser microscopy. Applied and Environmental Microbiology, 1996, 62, 4632-4640.	3.1	171
1747	Structure and function of a nitrifying biofilm as determined by in situ hybridization and the use of microelectrodes. Applied and Environmental Microbiology, 1996, 62, 4641-4647.	3.1	339
1748	Phylogeny of not-yet-cultured spirochetes from termite guts. Applied and Environmental Microbiology, 1996, 62, 347-352.	3.1	103
1749	Phylogenetic position of the spirochetal genus Cristispira. Applied and Environmental Microbiology, 1996, 62, 942-946.	3.1	17
1750	Development and field application of a quantitative method for examining natural assemblages of protists with oligonucleotide probes. Applied and Environmental Microbiology, 1996, 62, 1416-1423.	3.1	72
1751	Development of an oligonucleotide probe for Aureobasidium pullulans based on the small-subunit rRNA gene. Applied and Environmental Microbiology, 1996, 62, 1514-1518.	3.1	32
1752	Cytochemical colocalization and quantitation of phenotypic and genotypic characteristics in individual bacterial cells. Applied and Environmental Microbiology, 1996, 62, 1873-1879.	3.1	33
1753	Identification in situ and dynamics of bacteria on limnetic organic aggregates (lake snow). Applied and Environmental Microbiology, 1996, 62, 1998-2005.	3.1	127
1754	Community analysis of the bacterial assemblages in the winter cover and pelagic layers of a high mountain lake by in situ hybridization. Applied and Environmental Microbiology, 1996, 62, 2138-2144.	3.1	244
1755	Phylogenetic probes for analyzing abundance and spatial organization of nitrifying bacteria. Applied and Environmental Microbiology, 1996, 62, 2156-2162.	3.1	794
1756	Molecular phylogeny and in situ detection of the etiologic agent of necrotizing hepatopancreatitis in shrimp. Applied and Environmental Microbiology, 1996, 62, 3439-3445.	3.1	49
1757	Group-Specific 16S rRNA-Targeted Oligonucleotide Probes To Identify Thermophilic Bacteria in Marine Hydrothermal Vents. Applied and Environmental Microbiology, 1997, 63, 4061-4068.	3.1	79
1758	Visualization of specific gene expression in individual Salmonella typhimurium cells by in situ PCR. Applied and Environmental Microbiology, 1997, 63, 4196-4203.	3.1	61

#	Article	IF	Citations
1759	Flow sorting of microorganisms for molecular analysis. Applied and Environmental Microbiology, 1997, 63, 4223-4231.	3.1	157
1760	Small-subunit rRNA genes and in situ hybridization with oligonucleotides specific for the bacterial symbionts in the larvae of the bryozoan Bugula neritina and proposal of "Candidatus endobugula sertula". Applied and Environmental Microbiology, 1997, 63, 4612-4616.	3.1	121
1761	In situ classification and image cytometry of pelagic bacteria from a high mountain lake (gossenkollesee, austria). Applied and Environmental Microbiology, 1997, 63, 4778-4783.	3.1	53
1762	Contrasting bacterial strategies to coexist with a flagellate predator in an experimental microbial assemblage. Applied and Environmental Microbiology, 1997, 63, 596-601.	3.1	151
1763	Development and application of 16S rRNA-targeted probes for detection of iron- and manganese-oxidizing sheathed bacteria in environmental samples. Applied and Environmental Microbiology, 1997, 63, 644-651.	3.1	43
1764	Molecular evidence for association between the sphingobacterium-like organism "Candidatus comitans" and the myxobacterium Chondromyces crocatus. Applied and Environmental Microbiology, 1997, 63, 719-723.	3.1	18
1765	A simple method for quantification of uncultured microorganisms in the environment based on in vitro transcription of 16S rRNA. Applied and Environmental Microbiology, 1997, 63, 1028-1033.	3.1	47
1766	Group-specific small-subunit rRNA hybridization probes to characterize filamentous foaming in activated sludge systems. Applied and Environmental Microbiology, 1997, 63, 1107-1117.	3.1	141
1767	Molecular beacons: trial of a fluorescence-based solution hybridization technique for ecological studies with ruminal bacteria. Applied and Environmental Microbiology, 1997, 63, 1143-1147.	3.1	27
1768	Crenarchaeota in Lake Michigan sediment. Applied and Environmental Microbiology, 1997, 63, 1178-1181.	3.1	195
1769	Flow Cytometric Analysis of Characteristics of Hybridization of Species-Specific Fluorescent Oligonucleotide Probes to rRNA of Marine Nanoflagellates. Applied and Environmental Microbiology, 1997, 63, 938-944.	3.1	40
1770	Determination of Active Marine Bacterioplankton: a Comparison of Universal 16S rRNA Probes, Autoradiography, and Nucleoid Staining. Applied and Environmental Microbiology, 1997, 63, 1208-1213.	3.1	231
1771	Population structure of microbial communities associated with two deep, anaerobic, alkaline aquifers. Applied and Environmental Microbiology, 1997, 63, 1498-1504.	3.1	108
1772	Resuscitation of viable but nonculturable Legionella pneumophila Philadelphia JR32 by Acanthamoeba castellanii. Applied and Environmental Microbiology, 1997, 63, 2047-2053.	3.1	325
1773	In situ analysis of denitrifying toluene- and m-xylene-degrading bacteria in a diesel fuel-contaminated laboratory aquifer column. Applied and Environmental Microbiology, 1997, 63, 2136-2141.	3.1	142
1774	Increase in Fluorescence Intensity of 16S rRNA In Situ Hybridization in Natural Samples Treated with Chloramphenicol. Applied and Environmental Microbiology, 1997, 63, 2735-2740.	3.1	65
1775	In situ analysis of nucleic acids in cold-induced nonculturable Vibrio vulnificus. Applied and Environmental Microbiology, 1997, 63, 2754-2758.	3.1	48
1776	Distribution of microorganisms in deep-sea hydrothermal vent chimneys investigated by whole-cell hybridization and enrichment culture of thermophilic subpopulations. Applied and Environmental Microbiology, 1997, 63, 2876-2883.	3.1	134

ARTICLE IF CITATIONS Phylogenetic analysis and in situ identification of bacteria in activated sludge. Applied and 3.1 641 1777 Environmental Microbiology, 1997, 63, 2884-2896. Whole-cell hybridization of Methanosarcina cells with two new oligonucleotide probes. Applied and 1778 3.1 Environmental Microbiology, 1997, 63, 3043-3050. Quantitative fluorescence in situ hybridization of Aureobasidium pullulans on microscope slides and 1779 3.150 leaf surfaces. Applied and Environmental Microbiology, 1997, 63, 3261-3267. Improved sensitivity of whole-cell hybridization by the combination of horseradish peroxidase-labeled oligonucleotides and tyramide signal amplification. Applied and Environmental Microbiology, 1997, 63, 1780 3.1 3268-3273. Simultaneous determination of gene expression and bacterial identity in single cells in defined 1781 3.122 mixtures of pure cultures. Applied and Environmental Microbiology, 1997, 63, 3698-3702. Two Intracellular Symbiotic Bacteria from the Mulberry Psyllid <i>Anomoneura mori</i> (Insecta,) Tj ETQq1 1 0.784314 rgBT Qyerloc Seasonal Community and Population Dynamics of Pelagic Bacteria and Archaea in a High Mountain 1783 3.1 263 Lake. Applied and Environmental Microbiology, 1998, 64, 4299-4306. Kinetic Bias in Estimates of Coastal Picoplankton Community Structure Obtained by Measurements of Small-Subunit rRNA Gene PCR Amplicon Length Heterogeneity. Applied and Environmental 1784 3.1 Microbiology, 1998, 64, 4522-4529. Detection of $\langle i \rangle$ Ralstonia solanacearum $\langle i \rangle$, Which Causes Brown Rot of Potato, by Fluorescent In 1785 Situ Hybridization with 23S rRNA-Targeted Probes. Applied and Environmental Microbiology, 1998, 64, 3.1 72 4546-4554. Quantification of 16S rRNAs in Complex Bacterial Communities by Multiple Competitive Reverse 1786 Transcription-PCR in Temperature Gradient Gel Electrophoresis Fingerprints. Applied and 3.1 Environmental Microbiology, 1998, 64, 4581-4587. In Situ Detection of an Uncultured Predominant Bacillus in Dutch Grassland Soils. Applied and 1787 3.141 Environmental Microbiology, 1998, 64, 4588-4590. Flow Cytometric Analysis of the In Situ Accessibility of <i>Escherichia coli</i> 16S rRNA for Fluorescently Labeled Oligonucleotide Probes. Applied and Environmental Microbiology, 1998, 64, 3.1 348 4973-4982. Extended Survival and Persistence of <i>Campylobacter</i> spp. in Water and Aquatic Biofilms and Their Detection by Immunofluorescent-Antibody and -rRNA Staining. Applied and Environmental 1789 3.1 276 Microbiology, 1998, 64, 733-741. Characterization of the Cricket Hindgut Microbiota with Fluorescently Labeled rRNA-Targeted Oligonucleotide Probes. Applied and Environmental Microbiology, 1998, 64, 752-755. 1790 3.1 Phylogeny of the Main Bacterial 16S rRNA Sequences in Drentse A Grassland Soils (The Netherlands). 1791 272 3.1Applied and Environmental Microbiology, 1998, 64, 871-879. Bacterial Community Dynamics during Start-Up of a Trickle-Bed Bioreactor Degrading Aromatic 1792 3.1 Compounds. Applied and Environmental Microbiology, 1998, 64, 930-939. Phylogeny and Identification In Situ of Nevskia ramosa. Applied and Environmental Microbiology, 1998, 1793 3.141 64, 1895-1901. Specific Detection of Legionella pneumophila : Construction of a New 16S rRNA-Targeted 1794 3.1 Oligonucleotide Probe. Applied and Environmental Microbiology, 1998, 64, 2686-2690.

#	Article	IF	CITATIONS
1795	Population Structure and Phylogenetic Characterization of Marine Benthic Archaea in Deep-Sea Sediments. Applied and Environmental Microbiology, 1999, 65, 4375-4384.	3.1	399
1796	Characterization and Identification of Numerically Abundant Culturable Bacteria from the Anoxic Bulk Soil of Rice Paddy Microcosms. Applied and Environmental Microbiology, 1999, 65, 5042-5049.	3.1	131
1797	Natural Communities of <i>Achromatium oxaliferum</i> Comprise Genetically, Morphologically, and Ecologically Distinct Subpopulations. Applied and Environmental Microbiology, 1999, 65, 5089-5099.	3.1	51
1798	Analyses of Spatial Distributions of Sulfate-Reducing Bacteria and Their Activity in Aerobic Wastewater Biofilms. Applied and Environmental Microbiology, 1999, 65, 5107-5116.	3.1	162
1799	Acetogenic and Sulfate-Reducing Bacteria Inhabiting the Rhizoplane and Deep Cortex Cells of the Sea Grass <i>Halodule wrightii</i> . Applied and Environmental Microbiology, 1999, 65, 5117-5123.	3.1	119
1800	Probiotics Shown To Change Bacterial Community Structure in the Avian Gastrointestinal Tract. Applied and Environmental Microbiology, 1999, 65, 5134-5138.	3.1	95
1801	Estimation of Bacterial Cell Numbers in Humic Acid-Rich Salt Marsh Sediments with Probes Directed to 16S Ribosomal DNA. Applied and Environmental Microbiology, 1999, 65, 1516-1523.	3.1	51
1802	Combined Microautoradiography–16S rRNA Probe Technique for Determination of Radioisotope Uptake by Specific Microbial Cell Types In Situ. Applied and Environmental Microbiology, 1999, 65, 1746-1752.	3.1	302
1803	Molecular Analysis of Microbial Community Structures in Pristine and Contaminated Aquifers: Field and Laboratory Microcosm Experiments. Applied and Environmental Microbiology, 1999, 65, 2143-2150.	3.1	71
1804	In Situ Analysis of Nitrifying Biofilms as Determined by In Situ Hybridization and the Use of Microelectrodes. Applied and Environmental Microbiology, 1999, 65, 3182-3191.	3.1	440
1805	Community Analysis of Biofilters Using Fluorescence In Situ Hybridization Including a New Probe for the Xanthomonas Branch of the Class Proteobacteria. Applied and Environmental Microbiology, 1999, 65, 3547-3554.	3.1	38
1806	Identification of Some of the Major Groups of Bacteria in Efficient and Nonefficient Biological Phosphorus Removal Activated Sludge Systems. Applied and Environmental Microbiology, 1999, 65, 4077-4084.	3.1	202
1807	Bacterial Growth State Distinguished by Single-Cell Protein Profiling: Does Chlorination Kill Coliforms in Municipal Effluent?. Applied and Environmental Microbiology, 1999, 65, 4181-4188.	3.1	22
1808	Identification of coccoid Escherichia coli BJ4 cells in the large intestine of streptomycin-treated mice. Infection and Immunity, 1993, 61, 5029-5034.	2.2	61
1809	Spatial distribution of Escherichia coli in the mouse large intestine inferred from rRNA in situ hybridization. Infection and Immunity, 1994, 62, 5191-5194.	2.2	181
1810	Diversity of cultivable and uncultivable oral spirochetes from a patient with severe destructive periodontitis. Infection and Immunity, 1994, 62, 1889-1895.	2.2	235
1811	Role of lipopolysaccharide in colonization of the mouse intestine by Salmonella typhimurium studied by in situ hybridization. Infection and Immunity, 1996, 64, 3811-3817.	2.2	97
1812	<i>Klebsiella pneumoniae</i> Capsule Expression Is Necessary for Colonization of Large Intestines of Streptomycin-Treated Mice. Infection and Immunity, 1999, 67, 6152-6156.	2.2	69

#	Article	IF	CITATIONS
1813	Increased Type 1 Fimbrial Expression among Commensal <i>Escherichia coli</i> Isolates in the Murine Cecum following Catabolic Stress. Infection and Immunity, 1999, 67, 745-753.	2.2	41
1814	Physiological States of Individual Salmonella typhimurium Cells Monitored by In Situ Reverse Transcription-PCR. Journal of Bacteriology, 1999, 181, 1733-1738.	2.2	38
1815	Elimination of contaminating DNA within polymerase chain reaction reagents: implications for a general approach to detection of uncultured pathogens. Journal of Clinical Microbiology, 1993, 31, 646-652.	3.9	169
1816	Development of rRNA-Targeted PCR and In Situ Hybridization with Fluorescently Labelled Oligonucleotides for Detection of <i>Yersinia</i> Species. Journal of Clinical Microbiology, 1998, 36, 2557-2564.	3.9	98
1817	Detection of Staphylococcus aureus and Staphylococcus epidermidis in Clinical Samples by 16S rRNA-Directed In Situ Hybridization. Journal of Clinical Microbiology, 1999, 37, 2667-2673.	3.9	72
1818	Specific and Rapid Detection by Fluorescent In Situ Hybridization of Bacteria in Clinical Samples Obtained from Cystic Fibrosis Patients. Journal of Clinical Microbiology, 2000, 38, 818-825.	3.9	164
1819	Fluorescent In Situ Hybridization Allows Rapid Identification of Microorganisms in Blood Cultures. Journal of Clinical Microbiology, 2000, 38, 830-838.	3.9	327
1820	Fluorescent Whole-Cell Hybridization with 16S rRNA-Targeted Oligonucleotide Probes To Identify Brucella spp. by Flow Cytometry. Journal of Clinical Microbiology, 2000, 38, 2768-2771.	3.9	6
1821	Fate and activity of microorganisms introduced into soil. Microbiology and Molecular Biology Reviews, 1997, 61, 121-135.	6.6	278
1822	Phylogenetic identification and in situ detection of individual microbial cells without cultivation. Microbiological Reviews, 1995, 59, 143-169.	10.1	7,112
1823	Methanotrophic bacteria. Microbiological Reviews, 1996, 60, 439-471.	10.1	2,006
1824	Flow cytometry and cell sorting of heterogeneous microbial populations: the importance of single-cell analyses. Microbiological Reviews, 1996, 60, 641-696.	10.1	700
1826	Constitutive p40 promoter activation and IL-23 production in the terminal ileum mediated by dendritic cells. Journal of Clinical Investigation, 2003, 112, 693-706.	8.2	138
1827	Constitutive p40 promoter activation and IL-23 production in the terminal ileum mediated by dendritic cells. Journal of Clinical Investigation, 2003, 112, 693-706.	8.2	295
1828	Methods to Predict Spoilage of Muscle Foods. , 2008, , 593-610.		1
1829	Actinomadura. , 2011, , 41-50.		1
1830	Nitrogen Removal Characteristics and Biofilm Analysis of a Membrane-Aerated Biofilm Reactor Applicable to High-Strength Nitrogenous Wastewater Treatment Journal of Bioscience and Bioengineering, 2003, 95, 170-178.	2.2	10
1831	Methodological Aspects of Fluorescence In Situ Hybridization. Bioscience and Microflora, 2000, 19, 85-91.	0.5	2

#	Article	IF	CITATIONS
1832	Bacterial Community Structure in Anaerobic Digesters of a Full Scale Municipal Wastewater Treatment Plant ‒ Case Study of Dubai, United Arab Emirates. Journal of Sustainable Development of Energy, Water and Environment Systems, 0, , .	1.9	3
1833	Spatial Structure and Activity of Sedimentary Microbial Communities Underlying a Beggiatoa spp. Mat in a Gulf of Mexico Hydrocarbon Seep. PLoS ONE, 2010, 5, e8738.	2.5	117
1834	What's New Is Old: Resolving the Identity of Leptothrix ochracea Using Single Cell Genomics, Pyrosequencing and FISH. PLoS ONE, 2011, 6, e17769.	2.5	85
1835	The Intestinal Microbiota Plays a Role in Salmonella-Induced Colitis Independent of Pathogen Colonization. PLoS ONE, 2011, 6, e20338.	2.5	157
1836	Microbial and Chemical Characterization of Underwater Fresh Water Springs in the Dead Sea. PLoS ONE, 2012, 7, e38319.	2.5	161
1837	Neutrophil Extracellular Traps and Bacterial Biofilms in Middle Ear Effusion of Children with Recurrent Acute Otitis Media – A Potential Treatment Target. PLoS ONE, 2013, 8, e53837.	2.5	88
1839	ASTM Symposium on the Recovery and Enumeration of Mycobacteria from the Metalworking Fluid Environment. Journal of ASTM International, 2005, 2, 12835.	0.2	1
1840	EFFECTIVENESS OF PHOSPHORUS REMOVAL IN AN SBR USING CO-PRECIPITATION WITH FERRIC CHLORIDE, AND ITS EFFECTS ON MICROBIAL ACTIVITY. Brazilian Journal of Chemical Engineering, 2019, 36, 785-795.	1.3	9
1841	Influência da idade do lodo na colmatação das membranas em um biorreator à membrana tratando esgoto sanitário. Engenharia Sanitaria E Ambiental, 2019, 24, 157-168.	0.5	2
1842	Identification of Bacteria Used for Microbial Enhanced Oil Recovery Process by Fluorescence In Situ Hybridization Technique Sekiyu Gakkaishi (Journal of the Japan Petroleum Institute), 2000, 43, 43-51.	0.1	6
1843	Fundamental Studies for Microbial Enhanced Oil Recovery Field Test. Sekiyu Gakkaishi (Journal of the) Tj ETQqO C	O ^{rg} BT /O	verlock 10 Tf
1844	Assessing Microbial Safety of Drinking Water: Improving Approaches and Methods. Water Intelligence Online, 0, 12, .	0.3	4
1845	Application of molecular methods to microbial community analysis of activated sludge. Water Science and Technology, 2000, 42, 17-22.	2.5	22
1846	It is all about location: how to pinpoint microorganisms and their functions in multispecies biofilms. Future Microbiology, 2017, 12, 987-999.	2.0	13
1847	Simple and rapid detection of the toxic marine dinoflagellates <i>Alexandrium tamarense</i> and <i>A. catenella</i> with fluorescence <i>in situ</i> hybridization (FISH) using rRNA-targeted probes. Fisheries Science, 2002, 68, 515-518.	1.6	4
1848	Evaluation of the Swim-Bed Attached-Growth Process for Nitrification of Hanoi Groundwater Containing High Levels of Iron. Japanese Journal of Water Treatment Biology, 2005, 41, 181-192.	0.1	5
1849	Direct Cell Counting and Observation of Spacial Distribution of Nitrifiers in Aerobic Biofilms by FISH(fluorescent in situ hybridization) Journal of Japan Society on Water Environment, 1999, 22, 152-159.	0.4	5
1850	Prevalence of cagA, vacA, babA2 and iceA Genes in Helicobacter pylori Strains Isolated from Colombian Patients with Functional Dyspepsia. Polish Journal of Microbiology, 2012, 61, 33-40.	1.7	25

#	Article	IF	CITATIONS
1851	Impact of Operational Parameters on Bacterial Community in a Full-Scale Municipal Wastewater Treatment Plant. Polish Journal of Microbiology, 2012, 61, 41-49.	1.7	24
1852	Bacterial colonization of transparent exopolymeric particles in mesocosms under different turbulence intensities and nutrient conditions. Aquatic Microbial Ecology, 2009, 55, 301-312.	1.8	22
1853	Temporal changes of major bacterial groups and bacterial heterotrophic activity during a Phaeocystis globosa bloom in the eastern English Channel. Aquatic Microbial Ecology, 2009, 58, 95-107.	1.8	48
1854	Temporal attachment dynamics by distinct bacterial taxa during a dinoflagellate bloom. Aquatic Microbial Ecology, 2011, 63, 111-122.	1.8	43
1855	Evidence for circumpolar distribution of planktonic Archaea in the Southern Ocean. Aquatic Microbial Ecology, 1999, 18, 263-273.	1.8	74
1856	Dynamics and bacterial colonization of microaggregates in a large mesotrophic lake. Aquatic Microbial Ecology, 2001, 26, 23-35.	1.8	33
1857	Mesoscale distribution of dominant bacterioplankton groups in the northern North Sea in early summer. Aquatic Microbial Ecology, 2002, 29, 135-144.	1.8	52
1858	Effect of appendicularians and copepods on bacterioplankton composition and growth in the English Channel. Aquatic Microbial Ecology, 2003, 32, 39-46.	1.8	11
1859	Potential control of bacterial epibiosis on the surface of the sponge Mycale adhaerens. Aquatic Microbial Ecology, 2004, 34, 11-21.	1.8	27
1860	Changes in bacterial activity and community structure in response to dissolved organic matter in the Hudson River, New York. Aquatic Microbial Ecology, 2004, 35, 243-257.	1.8	197
1861	Euplotes magnicirratus (Ciliophora, Hypotrichia) depends on its bacterial endosymbiont 'Candidatus Devosia euplotis' for food digestion. Aquatic Microbial Ecology, 2004, 36, 19-28.	1.8	15
1862	Phylogenetic analysis of intracellular bacteria of a harmful marine microalga, Heterocapsa circularisquama (Dinophyceae). Aquatic Microbial Ecology, 2004, 36, 123-135.	1.8	6
1863	Comparison of benthic bacterial community composition in nine streams. Aquatic Microbial Ecology, 2005, 40, 51-60.	1.8	67
1864	Hybridisation of picoeukaryotes by eubacterial probes is widespread in the marine environment. Aquatic Microbial Ecology, 2005, 41, 293-297.	1.8	6
1865	SAR11 dominance among metabolically active low nucleic acid bacterioplankton in surface waters along an Atlantic meridional transect. Aquatic Microbial Ecology, 2006, 45, 107-113.	1.8	85
1866	Bacterioplankton composition in the Scotia Sea, Antarctica, during the austral summer of 2003. Aquatic Microbial Ecology, 2006, 45, 229-235.	1.8	14
1867	Natural bacterioplankton assemblage composition during blooms of Alexandrium spp. (Dinophyceae) in NW Mediterranean coastal waters. Aquatic Microbial Ecology, 2007, 46, 55-70.	1.8	36
1868	Ecology of antifouling resistance in the bladder wrack Fucus vesiculosus: patterns of microfouling and antimicrobial protection. Marine Ecology - Progress Series, 2010, 411, 33-48.	1.9	91

#	Article	IF	CITATIONS
1869	Spatial variability in bacterioplankton community composition at the Skagerrak-Kattegat Front. Marine Ecology - Progress Series, 2003, 255, 1-13.	1.9	57
1870	Chemical control of epibiosis by Hong Kong sponges: the effect of sponge extracts on micro- and macrofouling communities. Marine Ecology - Progress Series, 2005, 297, 119-129.	1.9	32
1871	Allelochemical defense against epibiosis in the macroalga Caulerpa racemosa var. turbinata. Marine Ecology - Progress Series, 2006, 318, 165-175.	1.9	45
1872	Antifouling activity and microbial diversity of two congeneric sponges Callyspongia spp. from Hong Kong and the Bahamas. Marine Ecology - Progress Series, 2006, 324, 151-165.	1.9	24
1873	Species identification of marine invertebrate early stages by whole-larvae in situ hybridisation of 18S ribosomal RNA. Marine Ecology - Progress Series, 2007, 333, 103-116.	1.9	57
1874	Attachment of Balanus amphitrite larvae to biofilms originating from contrasting environments. Marine Ecology - Progress Series, 2007, 333, 229-242.	1.9	39
1875	Development of Fluorescence In Situ Hybridization as a Rapid, Accurate Method for Detecting Coliforms in Water Samples. Biosensors, 2021, 11, 8.	4.7	7
1876	Thermophilic Anaerobic Digestion of Second Cheese Whey: Microbial Community Response to H2 Addition in a Partially Immobilized Anaerobic Hybrid Reactor. Processes, 2021, 9, 43.	2.8	13
1877	Bacterial Growth and Metabolism on Surfaces in the Large Intestine. Microbial Ecology in Health and Disease, 2000, 12, .	3.5	8
1879	Marine microbial ecology in a molecular world: what does the future hold?. Scientia Marina, 2005, 69, 97-110.	0.6	16
1880	Rapid detection of non-enterobacteriaceae directly from positive blood culture using fluorescent <i>In situ </i> hybridization. Indian Journal of Medical Microbiology, 2007, 25, 391.	0.8	7
1881	Molecular Characterization of Bacterial Phylogenetic and Functional Groups at Terrebonne Bay along the Coastline of the Gulf of Mexico. Journal of Petroleum & Environmental Biotechnology, 2013, 04, .	0.3	7
1882	Bifidobacterium thermophilum RBL67 Inhibits Salmonella enterica Serovar Typhimurium in an In vitro Intestinal Fermentation Model. Journal of Food & Nutritional Disorders, 2014, s1, .	0.1	3
1883	Culturability and Viability of <i>Salmonella Typhimurium</i> during Photo-Fenton Process at pH 5.5 under Solar Simulated Irradiation. Journal of Water Resource and Protection, 2013, 05, 21-27.	0.8	4
1887	Analysis of initial microflora in garbage-composting process by cultivation and molecular biological approaches. Journal of Environmental Conservation Engineering, 2004, 33, 620-630.	0.1	2
1888	Evaluation of granular anaerobic ammonium oxidation process for the disposal of pre-treated swine manure. PeerJ, 2014, 2, e336.	2.0	6
1889	Short-term deleterious effects of standard isolation and cultivation methods on new tropical freshwater microalgae strains. PeerJ, 2018, 6, e5143.	2.0	4
1890	Monitoring co-cultures of Clostridium carboxidivorans and Clostridium kluyveri by fluorescence in situ hybridization with specific 23S rRNA oligonucleotide probes. Systematic and Applied Microbiology, 2021, 44, 126271.	2.8	8

ARTICLE

1892

Fishing for biomass in activated sludge mixed liquor., 2001, , 197-206. 1893 Use of 16S Rrna Oligonucleotide Probes to Monitor Sulfate-Reducing Bacteria, Archaea and Fe(II) 1894 0 0.6 Oxidizer in the Okinawa Trough Basin. Terrestrial, Atmospheric and Oceanic Sciences, 2001, 12, 319. å^†åç"Ÿç‰©å¦çš"手法ã®ç"Ÿç‰©è†œãjã®é©ç". Journal of Environmental Conservation Engineering, 2002, **d.1**, 691-6**0**7. 1895 Methods in Geomicrobiology., 2002, , 153-181. 1897 0 Performance and Characterisation of a Membrane Biological Air Filter for Space Applications. Focus 0.4 on Biotechnology, 2003, , 231-237. Molecular Identification of the Toxic Alexandrium tamiyavanichii (Dinophyceae) by the Whole-cell 1904 0.2 3 FISH Method. Journal of Fisheries Science and Technology, 2004, 7, 175-183. Enrichment Culture of Hydrogen Fermentation Microorganisms and Analysis of Microbial 1905 0.1 Communities. Journal of Environmental Conservation Engineering, 2007, 36, 501-508. RAPID DETECTION OF NON-ENTEROBACTERIACEAE DIRECTLY FROM POSITIVE BLOOD CULTURE USING 1907 0.8 1 FLUORESCENT IN SITU HYBRIDIZATION. Indian Journal of Medical Microbiology, 2007, 25, 391-394. Section 2 update: Detection of mRNA and rRNA via reverse transcription and PCR in soil., 2008,, 2395-2407 Molecular Methods in Geomicrobiology., 2008, , 139-156. 1910 0 Comparative Genomics of Pathogens., 2010,, 73-91. 1911 Fluorescence In Situ Hybridization and Catalyzed Reporter Deposition for Benthic Prokaryote 1912 0 Assemblage Structure., 2009, , . Which Microbial Communities Are Present? Importance of Selecting Appropriate Primers and Probes for Use in Molecular Microbiological Methods (MMM) in Oilfields. , 2010, , 27-31. Variation of bacterial dominated population abundance in Meiliang Bay, Lake Taihu detected by FISH 1914 0.8 0 during summer and winter. Hupo Kexue/Journal of Lake Sciences, 2010, 22, 57-62. Methods to Predict Spoilage of Muscle Foods., 2010, , 3-20. Rapid Detection of Staphylococcus aureus Using Fluorescence in situ Hybridization with 1917 0.2 0 Filter-Cultivation (FISHFC) Method. Japanese Journal of Food Microbiology, 2011, 28, 29-36. 1919 Examination and Comparison of Microbial Diversity in Field-Scale Sewage Sludge Composters., 0, , .

ç'°å¢fäã®å¾®ç"Ÿç‰©ãf¢ãf∢ã,¿ãfªãf³ã,° ―ãfẽ,฿,ªãf¬ãf¡ãf‡ã,£ã,¨ãf¼ã,•ãf§ãf³ã,'例ã•ã⊷ã¦â€•. Journal of E**o**vironmental Conser

#	Article	IF	CITATIONS
1920	From Isolation of Potential Microalgal Strains to Strain Engineering for Biofuel. Cellular Origin and Life in Extreme Habitats, 2012, , 63-81.	0.3	0
1921	Improved Diagnosis of Biofilm Infections Using Various Molecular Methods. Springer Series on Biofilms, 2012, , 29-41.	0.1	1
1922	Metagenomic Analysis of Uncultivated Magnetotactic Bacteria Within the Phylum Nitrospirae. Springer Theses, 2013, , 51-65.	0.1	0
1923	Bar-Coded Enterobacteria: An Undergraduate Microbial Ecology Laboratory Module. American Journal of Educational Research, 2013, 1, 26-30.	0.3	5
1924	Diversity of Magnetotactic Bacteria and Its Environmental Implications. Springer Theses, 2013, , 31-50.	0.1	0
1925	Three-color Cytometry for the Simultaneous Detection of the Cryptosporidium Species Contributing to the Majority of Human Cryptosporidiosis. Public Health Frontier, 2013, 2, 103-108.	0.1	0
1927	Molecular Microecological Techniques. Advanced Topics in Science and Technology in China, 2014, , 153-188.	0.1	1
1928	From Geocycles to Genomes and Back. , 0, , 11-P1.		0
1929	Phylogenetic Identification of Uncultivated Microorganisms in Natural Habitats. , 1991, , 37-46.		2
1930	Molecular Systematics, Microbial Ecology and Single Cell Analysis. , 1991, , 237-257.		2
1931	Digital Microscopy and Image Analysis: Where does it Impact on Oceanography?. , 1991, , 31-38.		0
1932	Molecular ecology of Frankia: Advantages and disadvantages of the use of DNA probes. , 1991, , 595-600.		2
1933	Nucleic Acid Hybridization for Identification and Detection of Gram-Negative Anaerobes. Brock/Springer Series in Contemporary Bioscience, 1993, , 605-617.	0.3	0
1935	Strategien zum Nachweis nicht anzüchtbarer Erreger. , 1994, , 132-136.		0
1936	Molecular biological methods of detection and identification of microorganisms in the environment. Biopolymers and Cell, 1994, 10, 5-23.	0.4	2
1937	Durchflußzytometrische Untersuchung von Belebtschlamm mit rRNA-gerichteten Oligonucleotidsonden. , 1996, , 81-92.		0
1938	Notwendigkeit und Praxisrelevanz der physiologischen Charakterisierung von Biozönosen kontaminierter Standorte. , 1997, , 142-165.		0
1939	Detection and Enumeration of Marine Sulfate-reducing Bacteria Using <i>in situ</i> Hybridization with 16S rRNA Oligonucleotide Probes. Fisheries Science, 1997, 63, 99-104.	1.6	3

# 1940	ARTICLE Addressing the Microbial Ecology of Marine Biofilms. , 1998, , 449-470.	IF	CITATIONS
1941	rRNA based identification and detection systems for rhizobia and other bacteria. , 1998, , 1-19.		7
1942	Environmental Control of Gene Expression in Bacteria. , 1998, , 131-145.		0
1943	Flow cytometry in molecular aquatic ecology. , 1999, , 33-53.		10
1945	In Situ Monitoring of Bacterial Presence and Activity. , 0, , 49-58.		0
1946	Phytoplankton Species and Associated Bacterial Populations in the Coastal Water of the United Arab Emirates. , 2015, , 245-255.		0
1947	Molecular Methods in Geomicrobiology. , 2015, , 202-223.		0
1948	Study on NO2-N accumulationof soybean wastewater treatment by SBR process. , 2016, , .		0
1949	Microscopy Techniques to Assess Prokaryotic Molecular Diversity in Environmental Samples. , 2016, , 205-227.		0
1950	Monitoring and Modeling Algal Blooms. , 2017, , 1-14.		0
1951	Marine Nutraceuticals. , 2016, , 349-366.		0
1952	Dual phylogenetic staining protocol for simultaneous analysis of yeast and bacteria in artworks. , 2017, , 329-339.		0
1953	Periphytic and planktonic bacterial community structure in turbid and clear shallow lakes of the Pampean Plain (Argentina): a CARD-FISH approach. Latin American Journal of Aquatic Research, 2017, 43, 662-674.	0.6	3
1957	Application of qPCR Method for Investigation of Plant Colonization by Human Pathogen Bacteria. , 2019, , 45-57.		0
1959	Microbial community analysis in the gills of abalones suggested possible dominance of epsilonproteobacterium in <i>Haliotis gigantea</i> . PeerJ, 2020, 8, e9326.	2.0	5
1960	NanoSIP: NanoSIMS Applications for Microbial Biology. Methods in Molecular Biology, 2022, 2349, 91-136.	0.9	75
1962	Metagenomic Gene Discovery. , 2020, , 87-99.		0
1963	Terrestrial-type nitrogen-fixing symbiosis between seagrass and a marine bacterium. Nature, 2021, 600, 105-109.	27.8	48

#	Article	IF	Citations
1964	Bacteriocytes and Blattabacterium Endosymbionts of the German Cockroach Blattella germanica, the Forest Cockroach Blattella nipponica, and Other Cockroach Species. Zoological Science, 2020, 37, 1.	0.7	7
1965	Ã-kologie des Darmes. , 2006, , 45-55.		0
1966	Microbial Ecology of Nitrifying Bacteria in Wastewater Treatment Process Examined by Fluorescence In Situ Hybridization Journal of Bioscience and Bioengineering, 2000, 90, 234-240.	2.2	6
1967	In Situ Identification of Microorganisms in Biofilm Communities Journal of Bioscience and Bioengineering, 2002, 94, 552-556.	2.2	1
2109	Aerobic biofilm providing a habitat for anammox bacterial survival in mainstream of municipal wastewater treatment plants. Journal of Water Process Engineering, 2022, 45, 102456.	5.6	3
2110	Morphological and phylogenetic diversity of magnetotactic bacteria and multicellular magnetotactic prokaryotes from a mangrove ecosystem in the Sanya River, South China. Journal of Oceanology and Limnology, 2021, 39, 2015-2026.	1.3	5
2111	Evolutionary Dynamics of Host Organs for Microbial Symbiosis in Tortoise Leaf Beetles (Coleoptera:) Tj ETQq0 0	0 rgBT /Ov 4.1	verlock 10 Tf 14
2112	Biotic and Abiotic Biostimulation for the Reduction of Hexavalent Chromium in Contaminated Aquifers. Water (Switzerland), 2022, 14, 89.	2.7	6
2113	Anaerobic biofilm enriched with an ammonia tolerant methanogenic consortium to improve wastewater treatment in the fishing industry. Biotechnology Letters, 2022, 44, 239.	2.2	1
2114	Tailored Bioactive Compost from Agri-Waste Improves the Growth and Yield of Chili Pepper and Tomato. Frontiers in Bioengineering and Biotechnology, 2021, 9, 787764.	4.1	5
2115	Host-symbiont stress response to lack-of-sulfide in the giant ciliate mutualism. PLoS ONE, 2022, 17, e0254910.	2.5	0
2116	Niche partitioning of the ubiquitous and ecologically relevant NS5 marine group. ISME Journal, 2022, 16, 1570-1582.	9.8	11
2117	Cellulolytic bacteria in the large intestine of mammals. Gut Microbes, 2022, 14, 2031694.	9.8	26
2118	<i>Methanosaeta</i> and " <i>Candidatus</i> Velamenicoccus archaeovorus― Applied and Environmental Microbiology, 2022, 88, e0240721.	3.1	7
2119	Application of Nanodiamonds in Modelled Bioremediation of Phenol Pollution in River Sediments. Processes, 2022, 10, 602.	2.8	2
2120	Biochemical assays of potential methane to test biogas production from dark fermentation of sewage sludge and agricultural residues. International Journal of Hydrogen Energy, 2022, 47, 13289-13299.	7.1	18
2121	Identification of Pneumocystis jirovecii with Fluorescence In-Situ Hybridization (FISH) in Patient Samples—A Proof-of-Principle. Journal of Fungi (Basel, Switzerland), 2022, 8, 13.	3.5	0
2122	Potential of Flow Cytometric Approaches for Rapid Microbial Detection and Characterization in the Food Industry—A Review. Foods, 2021, 10, 3112.	4.3	17

#	Article	IF	CITATIONS
2123	Unique biofilm structure and mass transfer mechanisms in the foam aerated biofilm reactor (FABR). Environmental Technology (United Kingdom), 2023, 44, 3367-3381.	2.2	2
2155	Polymicrobial Interactions of Oral Microbiota: a Historical Review and Current Perspective. MBio, 2022, 13, e0023522.	4.1	22
2156	PM 7/59 (2) <i>Clavibacter sepedonicus</i> . EPPO Bulletin, 2022, 52, 262-285.	0.8	4
2157	Advances and Challenges in Fluorescence in situ Hybridization for Visualizing Fungal Endobacteria. Frontiers in Microbiology, 2022, 13, .	3.5	4

2161 Glyphosate-based herbicide exposure: effects on gill microbiota of rainbow trout (<i>Oncorhynchus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf

2162	Antibiotic-Induced Treatments Reveal Stress-Responsive Gene Expression in the Endangered Lichen LobariaÂpulmonaria. Journal of Fungi (Basel, Switzerland), 2022, 8, 625.	3.5	2
2163	The Control Strategy and Kinetics of VFAs Production in an ASBR Reactor Treating Low-Strength Mariculture Wastewater. International Journal of Environmental Research and Public Health, 2022, 19, 7858.	2.6	0
2164	Novel Pseudomonas sp. SCA7 Promotes Plant Growth in Two Plant Families and Induces Systemic Resistance in Arabidopsis thaliana. Frontiers in Microbiology, 0, 13, .	3.5	1
2165	Reductive Cr(VI) Removal under Different Reducing and Electron Donor Conditions—A Soil Microcosm Study. Water (Switzerland), 2022, 14, 2179.	2.7	0
2166	Coexistence and competition of the nitrifying and anammox bacteria in SMBBR reactor with partial nitritation/anammox process treating synthetic low-strength ammonium wastewater. Journal of Water Process Engineering, 2022, 49, 102983.	5.6	7
2168	Endosymbiotic bacteria of the boar louse Haematopinus apri (Insecta: Phthiraptera: Anoplura). Frontiers in Microbiology, 0, 13, .	3.5	1
2169	Progress and Challenges in Studying the Ecophysiology of Archaea. Methods in Molecular Biology, 2022, , 469-486.	0.9	0
2170	Metagenomics in bioremediation: Recent advances, challenges, and perspectives. , 2023, , 81-102.		2
2171	Efficient carbon and nitrogen transfer from marine diatom aggregates to colonizing bacterial groups. Scientific Reports, 2022, 12, .	3.3	5
2173	Genomic insights into the physiology of Quinella, an iconic uncultured rumen bacterium. Nature Communications, 2022, 13, .	12.8	10
2174	Effect of the hydraulic retention time on the acidogenic fermentation of sewage sludge, wine vinasse and poultry manure for biohydrogen production. Biomass and Bioenergy, 2022, 167, 106643.	5.7	5
2175	Genetic variations and microbiome of the poultry red mite Dermanyssus gallinae. Frontiers in Microbiology, 0, 13, .	3.5	2
2177	Identification and quantitative detection of two pathogenic bacteria based on a terahertz metasensor. Nanoscale, 0, , .	5.6	3

	CITATION	ON REPORT		
#	Article	IF	CITATIONS	
2178	Actin cytoskeleton and complex cell architecture in an Asgard archaeon. Nature, 2023, 613, 332-339.	27.8	55	
2179	Selective Enrichment of Nitrososphaera viennensis-Like Ammonia-Oxidizing Archaea over Ammonia-Oxidizing Bacteria from Drinking Water Biofilms. Microbiology Spectrum, 2022, 10, .	3.0	1	
2180	Marine vampires: Persistent, internal associations between bacteria and blood-feeding marine annelids and crustaceans. Frontiers in Microbiology, 0, 13, .	3.5	1	
2181	Extremophiles—Organisms that survive and thrive in extreme environmental conditions. , 2023, , 201-254.		0	
2182	Bioaugmentation with Tetrasphaera to improve biological phosphorus removal from anaerobic digestate of swine wastewater. Bioresource Technology, 2023, 373, 128744.	9.6	6	
2183	The impact of pH on the anaerobic and aerobic metabolism of Tetrasphaera-enriched polyphosphate accumulating organisms. Water Research X, 2023, 19, 100177.	6.1	5	
2184	Molecular Detection and Identification of <i>Candida</i> . , 0, , .		0	
2185	Accessing the energy-limited and sparsely populated deep biosphere: achievements and ongoing challenges of available technologies. Progress in Earth and Planetary Science, 2023, 10, .	3.0	1	
2186	A neo-functionalized homolog of host transmembrane protein controls localization of bacterial endosymbionts in the trypanosomatid Novymonas esmeraldas. Current Biology, 2023, 33, 2690-2701.e5.	3.9	3	
2187	Culture-Independent Single-Cell PacBio Sequencing Reveals Epibiotic Variovorax and Nucleus Associated Mycoplasma in the Microbiome of the Marine Benthic Protist Geleia sp. YT (Ciliophora,) Tj ETQq1 1	0.78 48 14 r	gB I /Overloc	
2190	Enrichment and characterization of a nitric oxide-reducing microbial community in a continuous bioreactor. Nature Microbiology, 2023, 8, 1574-1586.	13.3	1	
2191	Short-term changes in microbial communities in the water column around the fish farm in the Bay of Piran. , 2021, 64, 9-23.		0	
2192	Visualization of metabolites and microbes at high spatial resolution using MALDI mass spectrometry imaging and in situ fluorescence labeling. Nature Protocols, 2023, 18, 3050-3079.	12.0	3	
2193	Effects of stressors on growth and competition between different cryptic taxa affiliated with Ochromonadales (Chrysophyceae). Fottea, 2023, 23, 235-245.	0.9	0	
2194	Role of archaea in aquaculture: prospects and challenges. Aquaculture International, 0, , .	2.2	0	
2195	Drivers of pelagic and benthic microbial communities on Central Arctic seamounts. Frontiers in Marine Science, 0, 10, .	2.5	0	
2197	Phylogenetics and biomineralization of a novel magnetotactic <i>Gammaproteobacterium</i> from a freshwater lake in Beijing, China. FEMS Microbiology Ecology, 2023, 99, .	2.7	0	
2198	Deciphering the evolvement of microbial communities from hydrothermal vent sediments in a global change perspective. Environmental Research, 2024, 240, 117514.	7.5	0	