DGGE/TGGE a method for identifying genes from natur

Current Opinion in Microbiology 2, 317-322

DOI: 10.1016/s1369-5274(99)80055-1

Citation Report

#	Article	IF	CITATIONS
1	Functionality of probiotics and intestinal lactobacilli: light in the intestinal tract tunnel. Current Opinion in Biotechnology, 1999, 10, 505-510.	3.3	88
2	The Earth's bounty: assessing and accessing soil microbial diversity. Trends in Biotechnology, 1999, 17, 403-409.	4.9	176
3	Molecular approaches to study probiotic bacteria. Trends in Food Science and Technology, 1999, 10, 400-404.	7.8	31
4	ç'°å¢fä¸ã§åfã微生物. Kagaku To Seibutsu, 2000, 38, 230-236.	0.0	1
5	Matching molecular diversity and ecophysiology of benthic cyanobacteria and diatoms in communities along a salinity gradient. Environmental Microbiology, 2000, 2, 217-226.	1.8	101
6	Characterization of wine yeasts by temperature gradient gel electrophoresis (TGGE). FEMS Microbiology Letters, 2000, 193, 45-50.	0.7	24
7	Ecology and evolution of bacterial microdiversity: Table 1. FEMS Microbiology Reviews, 2000, 24, 647-660.	3.9	127
8	Environmentally relevant microorganisms. Journal of Bioscience and Bioengineering, 2000, 89, 1-11.	1.1	67
9	Diversity of soil fungi studied by PCR-RFLP of ITS. Mycological Research, 2000, 104, 1027-1032.	2.5	112
10	Terminal Restriction Fragment Length Polymorphism Monitoring of Genes Amplified Directly from Bacterial Communities in Soils and Sediments. Molecular Biotechnology, 2000, 16, 261-270.	1.3	15
11	Enrichment of Geobacter Species in Response to Stimulation of Fe(III) Reduction in Sandy Aquifer Sediments. Microbial Ecology, 2000, 39, 153-167.	1.4	248
13	Distribution and Diversity of Archaea Corresponding to the Limnological Cycle of a Hypersaline Stratified Lake (Solar Lake, Sinai, Egypt). Applied and Environmental Microbiology, 2000, 66, 3269-3276.	1.4	94
14	Probiotic Bacteria as Biological Control Agents in Aquaculture. Microbiology and Molecular Biology Reviews, 2000, 64, 655-671.	2.9	1,577
15	Microbial Biofilms: from Ecology to Molecular Genetics. Microbiology and Molecular Biology Reviews, 2000, 64, 847-867.	2.9	2,449
16	Prospects for using soil microorganisms to improve the acquisition of phosphorus by plants. Functional Plant Biology, 2001, 28, 897.	1.1	298
17	Denaturing gradient gel electrophoresis in marine microbial ecology. Methods in Microbiology, 2001, 30, 425-468.	0.4	212
18	Biodiversity of acidophilic prokaryotes. Advances in Applied Microbiology, 2001, 49, 37-84.	1.3	210
19	Structural diversity of microorganisms in chemically perturbed soil assessed by molecular and cytochemical approaches. Journal of Microbiological Methods, 2001, 43, 197-212.	0.7	152

#	ARTICLE	IF	CITATIONS
20	Design and evaluation of PCR primers to amplify bacterial 16S ribosomal DNA fragments used for community fingerprinting. Journal of Microbiological Methods, 2001, 44, 253-262.	0.7	318
21	Extraction and purification of microbial DNA from soil and sediment samples. Applied Soil Ecology, 2001, 18, 47-60.	2.1	189
22	Monitoring of the evolving diversity of the microbial community present in rotifer cultures. Aquaculture, 2001, 198, 237-252.	1.7	38
23	Counting the Uncountable: Statistical Approaches to Estimating Microbial Diversity. Applied and Environmental Microbiology, 2001, 67, 4399-4406.	1.4	1,032
24	Application of Denaturing Gradient Gel Electrophoresis (DGGE) To Study the Diversity of Marine Picoeukaryotic Assemblages and Comparison of DGGE with Other Molecular Techniques. Applied and Environmental Microbiology, 2001, 67, 2942-2951.	1.4	473
25	Molecular Ecological Analysis of Dietary and Antibiotic-Induced Alterations of the Mouse Intestinal Microbiota. Journal of Nutrition, 2001, 131, 1862-1870.	1.3	108
26	Molecular Characterisation of Microbial Communities Based on 16S rRNA Sequence Diversity. , 2001, , 267-298.		4
27	Study of Theileria annulata population structure during bovine infection and following transmission to ticks. Parasitology, 2001, 123, 553-61.	0.7	9
28	Micronized Gel Electrophoresis: Construction and Its Versatile Applications. Chemistry Letters, 2001, 30, 138-139.	0.7	1
29	Diversity of endocytic bacteria in the dinoflagellate Noctiluca scintillans. Aquatic Microbial Ecology, 2001, 25, 229-235.	0.9	45
30	Analysis of the microbial communities on corroded concrete sewer pipes? a case study. Applied Microbiology and Biotechnology, 2001, 57, 776-785.	1.7	106
31	Phenotypic biomonitoring using multivariate flow cytometric analysis of multi-stained microorganisms. FEMS Microbiology Ecology, 2001, 34, 187-196.	1.3	7
32	Temporal temperature gradient gel electrophoresis (TTGE) as a tool for identification of Lactobacillus casei, Lactobacillus paracasei, Lactobacillus zeae and Lactobacillus rhamnosus. Letters in Applied Microbiology, 2001, 32, 215-219.	1.0	43
33	Use of molecular techniques to study microbial diversity in the skin: Chronic wounds reevaluated. Wound Repair and Regeneration, 2001, 9, 332-340.	1.5	103
34	Contrasting bacterioplankton community composition and seasonal dynamics in two neighbouring hypertrophic freshwater lakes. Environmental Microbiology, 2001, 3, 680-690.	1.8	128
35	A new approach to determine the genetic diversity of viable and active bacteria in aquatic ecosystems. Cytometry, 2001, 43, 314-321.	1.8	36
36	Phenotypic biomonitoring using multivariate flow cytometric analysis of multi-stained microorganisms. FEMS Microbiology Ecology, 2001, 34, 187-196.	1.3	3
37	Microbial community dynamics in Mediterranean nutrient-enriched seawater mesocosms: changes in the genetic diversity of bacterial populations. FEMS Microbiology Ecology, 2001, 34, 243-253.	1.3	168

#	Article	IF	Citations
38	DNA-based, culture-independent strategies for evaluating microbial communities in food-associated ecosystems. International Journal of Food Microbiology, 2001, 67, 19-34.	2.1	184
39	Yeasts Present During Wine Fermentation: Comparative Analysis of Conventional Plating and PCR-TTGE. Systematic and Applied Microbiology, 2001, 24, 634-638.	1.2	27
40	The Potential of a Polyphasic PCR-DGGEApproach in Evaluating Microbial Diversity of Natural Whey Cultures for Water-Buffalo Mozzarella Cheese Production: Bias of Culture-Dependent and Culture-Independent Analyses. Systematic and Applied Microbiology, 2001, 24, 610-617.	1.2	176
41	Stable Low Molecular Weight RNA Analyzed by Staircase Electrophoresis, a Molecular Signature for Both Prokaryotic and Eukaryotic Microorganisms. Systematic and Applied Microbiology, 2001, 24, 490-499.	1.2	19
42	Denaturing gradient gel electrophoresis analyses of microbial community from field-scale composter. Journal of Bioscience and Bioengineering, 2001, 91, 159-165.	1.1	91
43	Analyses of microbial community within a composter operated using household garbage with special reference to the addition of soybean oil. Journal of Bioscience and Bioengineering, 2001, 91, 456-461.	1.1	31
44	Utilization of tmRNA sequences for bacterial identification. BMC Microbiology, 2001, 1, 20.	1.3	52
45	Profiling of Bacterial Species Associated with Haddock Larviculture by PCR Amplification of 16S rDNA and Denaturing Gradient Gel Electrophoresis. Journal of Aquatic Animal Health, 2001, 13, 355-363.	0.6	44
46	Chapter 1 Natural microbial communities. Radioactivity in the Environment, 2002, , 1-35.	0.2	0
47	Microbial Ecology of Oil Degrading Porous Pavement Structures. , 2002, , 1.		7
48	Grassland Management Regimens Reduce Small-Scale Heterogeneity and Species Diversity of \hat{l}^2 -Proteobacterial Ammonia Oxidizer Populations. Applied and Environmental Microbiology, 2002, 68, 20-30.	1.4	187
49	Effect of a Sinorhizobium meliloti Strain with a Modified putA Gene on the Rhizosphere Microbial Community of Alfalfa. Applied and Environmental Microbiology, 2002, 68, 4201-4208.	1.4	38
50	è ¢ é'微生物系ã®è§£æžãëãã®å^©ç"¨. Nippon Nogeikagaku Kaishi, 2002, 76, 724-726.	0.0	0
51	Identification of the Bacterial Microflora in Dairy Products by Temporal Temperature Gradient Gel Electrophoresis. Applied and Environmental Microbiology, 2002, 68, 3691-3701.	1.4	234
52	Application of molecular biological methods for studying probiotics and the gut flora. British Journal of Nutrition, 2002, 88, s29-s37.	1.2	119
53	Analyses of microbial activity in biomass-recycle reactors using denaturing gradient gel electrophoresis of 16S rDNA and 16S rRNA PCR products. Canadian Journal of Microbiology, 2002, 48, 333-341.	0.8	31
55	Freshwater autotrophic picoplankton: a review. Journal of Limnology, 2002, 61, 1.	0.3	227
56	Bacterial discrimination by means of a universal array approach mediated by LDR (ligase detection) Tj ETQq1 10	.784314 rş	gBT /Overlock

#	ARTICLE	IF	Citations
57	Linking genetics, physiology and ecology: an interdisciplinary approach for advancing bioremediation. Journal of Bioscience and Bioengineering, 2002, 94, 557-562.	1.1	18
58	Denaturing gradient gel electrophoretic multilocus sequence typing of Staphylococcus aureus isolates. Electrophoresis, 2002, 23, 3310-3320.	1.3	14
59	Melting gel techniques in single nucleotide polymorphism and mutation detection: From theory to automation. Journal of Separation Science, 2002, 25, 637-647.	1.3	12
60	Polymerase Chain Reaction–Temperature Gradient Gel Electrophoresis Requires the Use of High-Performance Liquid Chromatography-Purified Oligonucleotides. Analytical Biochemistry, 2002, 300, 101-103.	1.1	3
61	Specific 16S rDNA Sequences Associated with Naphthalene Degradation under Sulfate-Reducing Conditions in Harbor Sediments. Microbial Ecology, 2002, 43, 134-145.	1.4	35
62	Bacterial Community Dynamics across a Floristic Gradient in a Temperate Upland Grassland Ecosystem. Microbial Ecology, 2002, 44, 260-270.	1.4	92
63	Recent developments in molecular techniques for identification and monitoring of xenobiotic-degrading bacteria and their catabolic genes in bioremediation. Applied Microbiology and Biotechnology, 2002, 60, 45-59.	1.7	111
64	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.	1.7	68
65	Bacterial flora from the gut of the wild and cultured banana prawn, Penaeus merguiensis. Journal of Applied Microbiology, 2002, 93, 214-223.	1.4	112
66	Evaluation of the Bacterial Vaginal Flora of 20 Postmenopausal Women by Direct (Nugent Score) and Molecular (Polymerase Chain Reaction and Denaturing Gradient Gel Electrophoresis) Techniques. Journal of Infectious Diseases, 2002, 186, 1770-1780.	1.9	160
67	COMBINATION OF MICROAUTORADIOGRAPHY AND FLUORESCENCE IN SITU HYBRIDIZATION FOR IDENTIFICATION OF MICROORGANISMS DEGRADING XENOBIOTIC CONTAMINANTS. Environmental Toxicology and Chemistry, 2003, 22, 2840.	2.2	7
68	Phylogenetic Identification of Symbiotic Dinoflagellates via Length Heteroplasmy in Domain V of Chloroplast Large Subunit (cp23S)?Ribosomal DNA Sequences. Marine Biotechnology, 2003, 5, 130-140.	1.1	101
69	Molecular detection of ascomycetes associated with Fucus serratus. Mycological Research, 2003, 107, 1451-1466.	2.5	110
70	Soil fungal community structure in a temperate upland grassland soil. FEMS Microbiology Ecology, 2003, 45, 105-114.	1.3	115
71	Effect of fermentable carbohydrates on piglet faecal bacterial communities as revealed by denaturing gradient gel electrophoresis analysis of 16S ribosomal DNA. FEMS Microbiology Ecology, 2003, 43, 225-235.	1.3	150
72	Differentiation of Mycoplasma Species by 16S Ribosomal DNA PCR and Denaturing Gradient Gel Electrophoresis Fingerprinting. Journal of Clinical Microbiology, 2003, 41, 4844-4847.	1.8	63
73	Inoculation of a DNAPL Source Zone To Initiate Reductive Dechlorination of PCE. Environmental Science & Environmental Science	4.6	111
74	Modern Methods for Estimating Soil Microbial Biomass and Diversity: An Integrated Approach. , 2003, , 29-48.		1

#	ARTICLE	IF	CITATIONS
75	Fidelity of Select Restriction Endonucleases in Determining Microbial Diversity by Terminal-Restriction Fragment Length Polymorphism. Applied and Environmental Microbiology, 2003, 69, 4823-4829.	1.4	104
76	Formation of Pseudo-Terminal Restriction Fragments, a PCR-Related Bias Affecting Terminal Restriction Fragment Length Polymorphism Analysis of Microbial Community Structure. Applied and Environmental Microbiology, 2003, 69, 2555-2562.	1.4	250
77	Assessment of PCR-DGGE for the identification of diverse Helicobacter species, and application to faecal samples from zoo animals to determine Helicobacter prevalence. Journal of Medical Microbiology, 2003, 52, 765-771.	0.7	40
78	Bacterial Community Structure and Location in Stilton Cheese. Applied and Environmental Microbiology, 2003, 69, 3540-3548.	1.4	242
79	Virus Succession Observed during an Emiliania huxleyi Bloom. Applied and Environmental Microbiology, 2003, 69, 2484-2490.	1.4	108
80	Linkages between Dissolved Organic Matter Composition and Bacterial Community Structure. , 2003, , 343-362.		20
81	Axial Dynamics, Stability, and Interspecies Similarity of Bacterial Community Structure in the Highly Compartmentalized Gut of Soil-Feeding Termites (Cubitermes spp.). Applied and Environmental Microbiology, 2003, 69, 6018-6024.	1.4	81
82	Development of the Intestinal Bacterial Composition in Hospitalized Preterm Infants in Comparison with Breast-Fed, Full-Term Infants. Pediatric Research, 2003, 54, 393-399.	1.1	274
83	Characterization of the cyanobacterial biocoenosis of a freshwater reservoir in Italy. Algological Studies, 2003, 109, 403-419.	0.1	3
84	Bacterial diversity of epilithic biofilm assemblages of an anthropised river section, assessed by DGGE analysis of a 16S rDNA fragment. Aquatic Microbial Ecology, 2003, 33, 217-224.	0.9	49
85	Development and evaluation of a PCR-based test for detection of Asterias (Echinodermata: Asteroidea) larvae in Australian plankton samples from ballast water. Marine and Freshwater Research, 2003, 54, 709.	0.7	56
86	Microbial mechanisms of carbon removal in subsurface flow wetlands. Water Science and Technology, 2003, 48, 127-134.	1.2	130
87	An introduction to the human–microbe symbiosis. , 2004, , 1-50.		2
88	Early Intestinal Bacterial Colonization and Necrotizing Enterocolitis in Premature Infants: The Putative Role of Clostridium. Pediatric Research, 2004, 56, 366-370.	1.1	203
89	High Prevalence of Helicobacter Species Detected in Laboratory Mouse Strains by Multiplex PCR-Denaturing Gradient Gel Electrophoresis and Pyrosequencing. Journal of Clinical Microbiology, 2004, 42, 3781-3788.	1.8	30
90	Pigment diversity of coccolithophores in relation to taxonomy, phylogeny and ecological preferences., 2004,, 51-73.		16
91	Shear Rate Moderates Community Diversity in Freshwater Biofilms. Applied and Environmental Microbiology, 2004, 70, 7426-7435.	1.4	149
92	Investigation of bacterial communities associated with asymptomatic and symptomatic endodontic infections by denaturing gradient gel electrophoresis fingerprinting approach. Oral Microbiology and Immunology, 2004, 19, 363-370.	2.8	108

#	Article	IF	Citations
93	Top-down impact of bacterivorous nematodes on the bacterial community structure: a microcosm study. Environmental Microbiology, 2004, 6, 733-744.	1.8	133
94	Diversity and ecology of soil fungal communities: increased understanding through the application of molecular techniques. Environmental Microbiology, 2004, 6, 769-779.	1.8	466
95	Screening of bacterial contamination during gelatine production by means of denaturing gradient gel electrophoresis, focussed on Bacillus and related endospore-forming genera. Journal of Applied Microbiology, 2004, 96, 1333-1341.	1.4	18
96	Rapid identification of pickle yeasts by fluorescent PCR and microtemperature-gradient gel electrophoresis. FEMS Microbiology Letters, 2004, 238, 43-48.	0.7	13
97	The effect of an acute copper exposure on the diversity of a microbial community in North Sea sediments as revealed by DGGE analysis––the importance of the protocol. Marine Pollution Bulletin, 2004, 49, 504-513.	2.3	32
98	Eubacterial 16S-rDNA amplicon profiling: a rapid technique for comparison and differentiation of heterotrophic plate count communities from drinking water. International Journal of Food Microbiology, 2004, 92, 333-345.	2.1	21
99	Specific detection of Fusarium langsethiae and related species by DGGE and ARMS-PCR of a \hat{l}^2 -tubulin (tub1) gene fragment. International Journal of Food Microbiology, 2004, 95, 333-339.	2.1	20
100	Application and evaluation of denaturing gradient gel electrophoresis to analyse the yeast ecology of wine grapes. FEMS Yeast Research, 2004, 4, 865-877.	1.1	251
101	Rhizobium , Bradyrhizobium and Agrobacterium strains isolated from cultivated legumes. Biology and Fertility of Soils, 2004, 39, 179-185.	2.3	54
102	PCR-DGGE fingerprints of microbial succession during a manufacture of traditional water buffalo mozzarella cheese. Journal of Applied Microbiology, 2004, 96, 263-270.	1.4	112
103	Association of Atopobium vaginae, a recently described metronidazole resistant anaerobe, with bacterial vaginosis. BMC Infectious Diseases, 2004, 4, 5.	1.3	213
104	Microbial structural diversity estimated by dilution $\hat{A} \in \hat{A} \in \hat{A}$ "extinction of phenotypic traits and T-RFLP analysis along a land-use intensification gradient. FEMS Microbiology Ecology, 2004, 49, 253-259.	1.3	26
105	Microfabricated flow-through device for DNA amplificationâ€"towards in situ gene analysis. Chemical Engineering Journal, 2004, 101, 151-156.	6.6	112
106	Study of the Ecology of Fresh Sausages and Characterization of Populations of Lactic Acid Bacteria by Molecular Methods. Applied and Environmental Microbiology, 2004, 70, 1883-1894.	1.4	146
107	Bacterial Diversity in Agricultural Soils during Litter Decomposition. Applied and Environmental Microbiology, 2004, 70, 468-474.	1.4	170
108	Molecular Characterisation of Bacterial Contamination in Semi-Final Gelatine Extracts, Using Denaturing Gradient Gel Electrophoresis. Systematic and Applied Microbiology, 2004, 27, 612-619.	1.2	4
109	Development of a Universal Microarray Based on the Ligation Detection Reaction and 16S rRNA Gene Polymorphism To Target Diversity of Cyanobacteria. Applied and Environmental Microbiology, 2004, 70, 7161-7172.	1.4	113
110	An Analysis of Microorganisms in Environments Using Denaturing Gradient Gel Electrophoresis. , 2004, , 323-338.		3

#	Article	IF	CITATIONS
111	Particulate Organic Matter in the Sea: The Composition Conundrum. Ambio, 2004, 33, 565-575.	2.8	198
112	Identification of lactic acid bacteria: culture-dependent and culture-independent methods. Trends in Food Science and Technology, 2004, 15, 348-359.	7.8	138
113	Denaturing gradient gel electrophoresis analysis of bacterial communities associated with failed endodontic treatment. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2004, 98, 741-749.	1.6	67
114	Molecular profiling of microbial communities associated with seeds of Beta vulgaris subsp. Vulgaris (sugar beet). Journal of Microbiological Methods, 2004, 56, 17-26.	0.7	40
115	PCR-DGGE fingerprinting: novel strategies for detection of microbes in food. Journal of Microbiological Methods, 2004, 56, 297-314.	0.7	518
116	A simple remedy against artifactual double bands in denaturing gradient gel electrophoresis. Journal of Microbiological Methods, 2004, 57, 279-281.	0.7	155
117	Methods of studying soil microbial diversity. Journal of Microbiological Methods, 2004, 58, 169-188.	0.7	654
118	The Roscoff Culture Collection (RCC): a collection dedicated to marine picoplankton. Nova Hedwigia, 2004, 79, 49-70.	0.2	71
119	Analysis of a Bacterial Community in 3-Chlorobenzoate-Contaminated Soil by PCR-DGGE Targeting the 16S rRNA Gene and Benzoate 1,2-Dioxygenase Gene (benA). Microbes and Environments, 2005, 20, 151-159.	0.7	27
120	Twenty years of molecular analysis of bacterial communities in soils and what have we learned about function?., 2005,, 44-56.		15
121	Biodiversity of saprotrophic fungi in relation to their function: do fungi obey the rules?. , 2005, , 189-215.		5
122	Uncovering hidden species: hatching diapausing eggs for the analysis of cladoceran species richness. Limnology and Oceanography: Methods, 2005, 3, 399-407.	1.0	56
123	Application of Repetitive Element Sequence-Based (rep-) PCR and Denaturing Gradient Gel Electrophoresis for the Identification of Lactic Acid Bacteria in Probiotic Products., 2005,, 207-228.		0
124	New DGGE strategies for the analyses of methanotrophic microbial communities using different combinations of existing 16S rRNA-based primers. FEMS Microbiology Ecology, 2005, 52, 163-174.	1.3	38
125	Diversity of anoxygenic phototrophic sulfur bacteria in the microbial mats of the Ebro Delta: a combined morphological and molecular approach. FEMS Microbiology Ecology, 2005, 52, 339-350.	1.3	25
126	Differentiation of bacterial strains by thermal gradient gel electrophoresis using non-GC-Clamped PCR primers for the 16S–23S rDNA intergenic spacer region. FEMS Microbiology Letters, 2005, 243, 235-242.	0.7	7
127	Methods for the isolation and identification of Listeriaspp. and Listeria monocytogenes: a review. FEMS Microbiology Reviews, 2005, 29, 851-875.	3.9	313
128	Inoculation and start-up of a biotricking filter removing dimethyl sulfide. Chemical Engineering Journal, 2005, 113, 127-134.	6.6	40

#	ARTICLE	IF	CITATIONS
129	Bacterial Community Structure Analyses to Assess Pollution of Water and Sediments in the Lake Shkodra/Skadar, Balkan Peninsula (8 pp). Environmental Science and Pollution Research, 2005, 12, 361-368.	2.7	38
130	Cultivation-independent in situ molecular analysis of bacteria involved in degradation of pentachlorophenol in soil. Environmental Microbiology, 2005, 7, 1349-1360.	1.8	104
131	Bacterial diversity in the rhizosphere of Proteaceae species. Environmental Microbiology, 2005, 7, 1755-1768.	1.8	45
132	Variation in bacterial DGGE patterns from human saliva: over time, between individuals and in corresponding dental plaque microcosms. Archives of Oral Biology, 2005, 50, 779-787.	0.8	107
133	Molecular and microbiological analysis of caecal microbiota in rats fed with diets supplemented either with prebiotics or probiotics. International Journal of Food Microbiology, 2005, 98, 281-289.	2.1	61
134	A PCR-TGGE (Temperature Gradient Gel Electrophoresis) technique to assess differentiation among enological Saccharomyces cerevisiae strains. International Journal of Food Microbiology, 2005, 101, 333-339.	2.1	30
135	Community analysis of a full-scale anaerobic bioreactor treating paper mill wastewater. Systematic and Applied Microbiology, 2005, 28, 175-185.	1.2	181
136	Links between Geographic Location, Environmental Factors, and Microbial Community Composition in Sediments of the Eastern Mediterranean Sea. Microbial Ecology, 2005, 49, 367-378.	1.4	87
137	The prokaryotic diversity of biological soil crusts in the Sonoran Desert (Organ Pipe Cactus National) Tj ETQq0 (0 0 rgBT /C	verlock 10 Tf
138	Orchard floor management practices that maintain vegetative or biomass groundcover stimulate soil microbial activity and alter soil microbial community composition. Plant and Soil, 2005, 271, 377-389.	1.8	103
139	Survey of Oral Microbial Diversity using PCR-based Denaturing Gradient Gel Electrophoresis. Journal of Dental Research, 2005, 84, 559-564.	2.5	117
140	Identification of " Candidatus Thioturbo danicus,―a Microaerophilic Bacterium That Builds Conspicuous Veils on Sulfidic Sediments. Applied and Environmental Microbiology, 2005, 71, 8929-8933.	1.4	26
141	Fluorophore-Labeled Primers Improve the Sensitivity, Versatility, and Normalization of Denaturing Gradient Gel Electrophoresis. Applied and Environmental Microbiology, 2005, 71, 4893-4896.	1.4	23
142	Novel Bacterial Phylotypes in Endodontic Infections. Journal of Dental Research, 2005, 84, 565-569.	2.5	48
143	Survival of Campylobacter jejuni in Waterborne Protozoa. Applied and Environmental Microbiology, 2005, 71, 5560-5571.	1.4	99
144	Chapter 6 Molecular approaches in the study of gut microecology. Biology of Growing Animals, 2005, 2, 119-141.	0.3	0
145	Genetic Screening for Prey in the Gut Contents from a Giant Squid (Architeuthis sp.). Journal of Heredity, 2005, 96, 417-423.	1.0	59

#	Article	IF	CITATIONS
147	16S rDNA PCR and denaturing gradient gel electrophoresis; a single generic test for detecting and differentiating Mycoplasma species. Journal of Medical Microbiology, 2005, 54, 731-739.	0.7	134
148	Application of Denaturing Gradient Gel Electrophoresis (DGGE) to the Analysis of Endodontic Infections. Journal of Endodontics, 2005, 31, 775-782.	1.4	27
150	Plant Pathogens in Irrigation Water: Challenges and Opportunities. Critical Reviews in Plant Sciences, 2005, 24, 189-208.	2.7	218
151	Direct colony PCR-SSCP for detection of multiple pythiaceous oomycetes in environmental samples. Journal of Microbiological Methods, 2005, 61, 25-32.	0.7	26
152	Profiling and monitoring of microbial populations by denaturing high-performance liquid chromatography. Journal of Microbiological Methods, 2005, 61, 399-412.	0.7	58
153	Dynamics of microbial community structure and cellulolytic activity in agricultural soil amended with two biofertilizers. European Journal of Soil Biology, 2005, 41, 21-29.	1.4	26
154	Analysis of bacterial diversity in river biofilms using 16S rDNA PCR-DGGE: methodological settings and fingerprints interpretation. Water Research, 2005, 39, 380-388.	5.3	86
155	Molecular approaches to the assessment of biodiversity in aquatic microbial communities. Water Research, 2005, 39, 2207-2218.	5.3	97
156	Identification of microorganisms involved in reductive dehalogenation of chlorinated ethenes in an anaerobic microbial community. Water Research, 2005, 39, 3954-3966.	5.3	58
157	Denaturing gradient gel electrophoresis. , 2005, , 119-128.		14
158	Dinoflagellate community analysis of a fish kill using denaturing gradient gel electrophoresis. Harmful Algae, 2005, 4, 151-162.	2.2	16
159	MULTI-GROUP BIODIVERSITY IN SHALLOW LAKES ALONG GRADIENTS OF PHOSPHORUS AND WATER PLANT COVER. Ecology, 2005, 86, 1905-1915.	1.5	198
160	A Review of Gastrointestinal Microbiology with Special Emphasis on Molecular Microbial Ecology Approaches., 2005,, 175-198.		2
161	Functional Foods: A Survey of Health Claims, Pros and Cons, and Current Legislation. Critical Reviews in Food Science and Nutrition, 2005, 45, 385-404.	5.4	141
162	Microbial communities in the larval midgut of laboratory and field populations of cotton bollworm (Helicoverpa armigera). Canadian Journal of Microbiology, 2006, 52, 1085-1092.	0.8	147
163	DNA Fingerprinting Techniques Applied to the Identification, Taxonomy and Community Analysis of Prokaryotes., 2006,, 51-82.		8
164	Assessment of Microbial Phylogenetic Diversity Based on Environmental Nucleic Acids., 2006,, 219-259.		8
165	Effects of Different Treatments of Pasture Restoration on Soil Trace Gas Emissions in the Cerrados of Central Brazil. Earth Interactions, 2006, 10, 1-26.	0.7	20

#	Article	IF	CITATIONS
166	Do microorganisms influence seed-bank dynamics?. Weed Science, 2006, 54, 575-587.	0.8	126
167	A Review of Methods for Studying Microbial Diversity in Soils. Pedosphere, 2006, 16, 18-24.	2.1	54
168	Biofilms. , 2006, 42, 141-169.		28
169	Influence of Planting Papaya Ringspot Virus Resistant Transgenic Papaya on Soil Microbial Biodiversity. Journal of Agricultural and Food Chemistry, 2006, 54, 130-137.	2.4	22
170	Community structures and substrate utilization of bacteria in soils from organic and conventional farming systems of the DOK long-term field experiment. Applied Soil Ecology, 2006, 33, 294-307.	2.1	99
171	Effects of the phenylurea herbicide diuron on natural riverine microbial communities in an experimental study. Aquatic Toxicology, 2006, 78, 303-314.	1.9	83
172	Testing of primers for the study of cyanobacterial molecular diversity by DGGE. Journal of Microbiological Methods, 2006, 65, 542-550.	0.7	70
173	Spatial and temporal diversity of wood decomposer communities in different forest stands, determined by ITS rDNA targeted TGGE. Annals of Forest Science, 2006, 63, 547-556.	0.8	24
174	Occurrence of Proteolytic Activity and N-Acyl-Homoserine Lactone Signals in the Spoilage of Aerobically Chill-Stored Proteinaceous Raw Foods. Journal of Food Protection, 2006, 69, 2729-2737.	0.8	49
177	Brewing control systems: microbiological analysis. , 2006, , 391-426.		4
178	Application of Membrane Bioreactors in the Preliminary Treatment of Early Planetary Base Wastewater for Long Duration Space Missions. Proceedings of the Water Environment Federation, 2006, 2006, 62-81.	0.0	0
179	Polymerase chain reaction-based denaturing gradient gel electrophoresis in the evaluation of oral microbiota. Oral Microbiology and Immunology, 2006, 21, 333-339.	2.8	42
180	Molecular analysis of microbial communities identified in different developmental stages of Ixodes scapularis ticks from Westchester and Dutchess Counties, New York. Environmental Microbiology, 2006, 8, 761-772.	1.8	120
181	Molecular diversity studies of bacterial communities of oil polluted microbial mats from the Etang de Berre (France). FEMS Microbiology Ecology, 2006, 58, 550-562.	1.3	77
182	Interactions between Brettanomyces bruxellensis and other yeast species during the initial stages of winemaking. Journal of Applied Microbiology, 2006, 100, 1208-1219.	1.4	83
183	Modern microbiological techniques and their use in dialysis fluid systems: What are the benefits?. Kidney International, 2006, 70, 1539-1540.	2.6	5
184	Exploration of soil bacterial communities for their potential as bioresource. Bioresource Technology, 2006, 97, 2217-2224.	4.8	42
185	Stream microcosm for investigating GEM impact on the indigenous bacterial community in river water and sediment. Process Biochemistry, 2006, 41, 2129-2137.	1.8	1

#	Article	IF	CITATIONS
186	INSECT VECTORS OF PHYTOPLASMAS. Annual Review of Entomology, 2006, 51, 91-111.	5.7	801
188	Review: Microbial biocenoses in pristine aquifers and an assessment of investigative methods. Hydrogeology Journal, 2006, 14, 926-941.	0.9	173
189	Dynamics and interaction of organic carbon, turbidity and bacteria in a karst aquifer system. Hydrogeology Journal, 2006, 14, 473-484.	0.9	142
190	Exploiting New Systems-Based Strategies to Elucidate Plant-Bacterial Interactions in the Rhizosphere. Microbial Ecology, 2006, 51, 257-266.	1.4	76
191	TGGE analysis of the diversity of ammonia-oxidizing and denitrifying bacteria in submerged filter biofilms for the treatment of urban wastewater. Applied Microbiology and Biotechnology, 2006, 72, 393-400.	1.7	42
192	An examination of the diversity of a novel Campylobacter reservoir. Archives of Microbiology, 2006, 186, 31-40.	1.0	13
193	Genetic diversity of dinitrogen-fixing bacterial communities in soil amended with olive husks. Annals of Microbiology, 2006, 56, 83-88.	1.1	17
194	Lactic acid bacteria evolution during winemaking: Use of rpoB gene as a target for PCR-DGGE analysis. Food Microbiology, 2006, 23, 136-145.	2.1	78
195	New developments in the study of the microbiota of naturally fermented sausages as determined by molecular methods: A review. International Journal of Food Microbiology, 2006, 108, 255-267.	2.1	117
196	Compositions of maple sap microflora and collection system biofilms evaluated by scanning electron microscopy and denaturing gradient gel electrophoresis. International Journal of Food Microbiology, 2006, 109, 9-18.	2.1	18
197	Succession of bacterial and fungal communities during a traditional pot fermentation of rice vinegar assessed by PCR-mediated denaturing gradient gel electrophoresis. International Journal of Food Microbiology, 2006, 109, 79-87.	2.1	178
198	Incorporating polymerase chain reaction-based identification, population characterization, and quantification of microorganisms into aerosol science: A review. Atmospheric Environment, 2006, 40, 3941-3961.	1.9	181
199	Traceability of ammonia-oxidizing bacteria in compost-treated soils. Soil Biology and Biochemistry, 2006, 38, 1092-1100.	4.2	98
200	Microbial ecology to manage processes in environmental biotechnology. Trends in Biotechnology, 2006, 24, 261-266.	4.9	116
201	Comparison of DNA extraction methods for PCR-DGGE analysis of the soil bacterial community. Chinese Journal of Agricultural Biotechnology, 2006, 3, 1-6.	0.1	3
203	Analysis of Bacterial Community Structure in the Natural Circulation System Wastewater Bioreactor by Using a 16S rRNA Gene Clone Library. Microbiology and Immunology, 2006, 50, 937-950.	0.7	7
204	Rapid Discrimination of Listeria monocytogenes Strains by Microtemperature Gradient Gel Electrophoresis. Journal of Clinical Microbiology, 2006, 44, 2199-2206.	1.8	11
205	Technetium Reduction and Reoxidation in Aquifer Sediments. Geomicrobiology Journal, 2007, 24, 189-197.	1.0	64

#	Article	IF	CITATIONS
206	Source tracking of <i>Escherichia coli </i> by 16S–23S intergenic spacer region denaturing gradient gel electrophoresis (DGGE) of the <i>rrnB </i> ribosomal operon. Canadian Journal of Microbiology, 2007, 53, 1174-1184.	0.8	9
207	Quantitative multiplexing analysis of PCR-amplified ribosomal RNA genes by hierarchical oligonucleotide primer extension reaction. Nucleic Acids Research, 2007, 35, e82.	6.5	27
208	Genetic Profiling of the Oral Microbiota Associated with Severe Early-Childhood Caries. Journal of Clinical Microbiology, 2007, 45, 81-87.	1.8	142
209	The Spatial Distribution of Microbes in the Environment. , 2007, , .		26
211	Lactobacilli in sourdough fermentation. Food Research International, 2007, 40, 539-558.	2.9	375
212	Archaeal diversity and community structure in a Swedish barley field: Specificity of the EK510R/(EURY498) 16S rDNA primer. Journal of Microbiological Methods, 2007, 69, 161-173.	0.7	19
213	Quantification of Salmonella spp. in composted biosolids using a TaqMan qPCR assay. Journal of Microbiological Methods, 2007, 70, 119-126.	0.7	30
214	Rapid determination of multi-locus sequence types of Listeria monocytogenes by microtemperature-gradient gel electrophoresis. Journal of Microbiological Methods, 2007, 70, 471-478.	0.7	9
215	16S rRNA: Genes Comparative Analysis of Microbial Communities in Oil Reservoir With Nutrients Injection by Terminal Restriction Fragment Length Polymorphism Method., 2007,,.		0
216	Molecular Monitoring of Bacterial Community Structure in Long-Aged Nukadoko: Pickling Bed of Fermented Rice Bran Dominated by Slow-Growing Lactobacilli. Journal of Bioscience and Bioengineering, 2007, 104, 481-489.	1.1	43
217	Biodiversity of Bacterial Ecosystems in Traditional Egyptian Domiati Cheese. Applied and Environmental Microbiology, 2007, 73, 1248-1255.	1.4	113
218	A fuzzy distance metric for measuring the dissimilarity of planar chromatographic profiles with application to denaturing gradient gel electrophoresis data from human skin microbes: demonstration of an individual and gender-based fingerprint. Analyst, The, 2007, 132, 638.	1.7	7
219	Molecular methods for biodiversity analysis of phosphate solubilizing microorganisms (PSM)., 2007,, 97-100.		7
220	Bacterial community profiles of endodontic abscesses from Brazilian and USA subjects as compared by denaturing gradient gel electrophoresis analysis. Oral Microbiology and Immunology, 2007, 22, 14-18.	2.8	61
221	Microbial community structure of ethanol type fermentation in bio-hydrogen production. Environmental Microbiology, 2007, 9, 1112-1125.	1.8	194
222	Niche partitioning of closely related symbiotic dinoflagellates. Molecular Ecology, 2007, 16, 3721-3733.	2.0	149
223	RT-TGGE as a guide for the successful isolation of phosphonoacetate degrading bacteria. Journal of Applied Microbiology, 2007, 103, 237-244.	1.4	7
224	The host species affects the microbial community in the goat rumen. Letters in Applied Microbiology, 2007, 46, 071029084006002-???.	1.0	16

#	Article	IF	CITATIONS
225	Changes in the diversity of pig ileal lactobacilli around weaning determined by means of 16S rRNA gene amplification and denaturing gradient gel electrophoresis. FEMS Microbiology Ecology, 2007, 61, 132-140.	1.3	70
226	Optimization of conditions for profiling bacterial populations in food by culture-independent methods. International Journal of Food Microbiology, 2007, 120, 100-109.	2.1	65
227	Long-term effects of organic and synthetic soil fertility amendments on soil microbial communities and the development of southern blight. Soil Biology and Biochemistry, 2007, 39, 2302-2316.	4.2	112
228	Analysis of bacterial communities in soil by PCR–DGGE targeting protease genes. Soil Biology and Biochemistry, 2007, 39, 2777-2784.	4.2	77
229	Indigenous Microbial Community of Barley Greatly Influences Grain Germination and Malt Quality. Journal of the Institute of Brewing, 2007, 113, 9-20.	0.8	52
230	Analysis of mismatched DNA by mismatch binding ligand (MBL)–Sepharose affinity chromatography. Analytical and Bioanalytical Chemistry, 2007, 388, 1165-1173.	1.9	6
231	Rhizosphere-Bacterial Community in Eperua falcata (Caesalpiniaceae) a Putative Nitrogen-Fixing Tree from French Guiana Rainforest. Microbial Ecology, 2007, 53, 317-327.	1.4	20
232	Genotypic Microbial Community Profiling: A Critical Technical Review. Microbial Ecology, 2007, 54, 276-289.	1.4	334
233	Effect of the concentration of suspended solids on the enzymatic activities and biodiversity of a submerged membrane bioreactor for aerobic treatment of domestic wastewater. Applied Microbiology and Biotechnology, 2007, 73, 1441-1451.	1.7	36
234	Comparison of anode bacterial communities and performance in microbial fuel cells with different electron donors. Applied Microbiology and Biotechnology, 2007, 77, 393-402.	1.7	377
235	In Vivo PCR-DGGE Analysis of Lactobacillus plantarum and Oenococcus oeni Populations in Red Wine. Current Microbiology, 2007, 54, 9-13.	1.0	37
236	Microbial diversity of topographical gradient profiles in Fushan forest soils of Taiwan. Ecological Research, 2007, 22, 814-824.	0.7	12
237	DNA-based methods for monitoring invasive species: a review and prospectus. Biological Invasions, 2007, 9, 751-765.	1.2	205
238	On the use of denaturing gradient gel electrophoresis approach for bacterial identification in endodontic infections. Clinical Oral Investigations, 2007, 11, 127-132.	1.4	33
239	A new method based on image analysis for determining cyanobacterial biomass by CLSM in stratified benthic sediments. Ultramicroscopy, 2007, 107, 669-673.	0.8	13
240	The use of molecular techniques based on ribosomal RNA and DNA for rumen microbial ecosystem studies: a review. Molecular Biology Reports, 2008, 35, 265-274.	1.0	101
241	Effects of diuron in microcosms on natural riverine bacterial community composition: new insight into phylogenetic approaches using PCR-TTGE analysis. Aquatic Sciences, 2008, 70, 410-418.	0.6	22
242	Application of temperature gradient gel electrophoresis technique to monitor changes in the structure of the eukaryotic leaf-epiphytic community of Posidonia oceanica. Marine Biology, 2008, 155, 451-460.	0.7	2

#	Article	IF	CITATIONS
243	Application of 16S rDNA-DGGE and Plate Culture to Characterization of Bacterial Communities Associated with the Sawfly, Acantholyda erythrocephala (Hymenoptera, Pamphiliidae). Current Microbiology, 2008, 57, 564-569.	1.0	17
244	Microbial composition and diversity of an upland red soil under long-term fertilization treatments as revealed by culture-dependent and culture-independent approaches. Journal of Soils and Sediments, 2008, 8, 349-358.	1.5	170
245	Assessing bacterial diversity in soil. Journal of Soils and Sediments, 2008, 8, 379-388.	1.5	130
246	Nitrifying bacterial communities and its activities in aerobic biofilm reactors under different temperature conditions. Korean Journal of Chemical Engineering, 2008, 25, 1448-1455.	1.2	15
247	Characterization of the depth-related changes in the microbial communities in Lake Hovsgol sediment by 16S rRNA gene-based approaches. Journal of Microbiology, 2008, 46, 125-136.	1.3	28
248	Analysis and comparison of the bacterial community in fermented grains during the fermentation for two different styles of Chinese liquor. Journal of Industrial Microbiology and Biotechnology, 2008, 35, 603-609.	1.4	93
249	Profiling of a microbial community under confined conditions in a fed-batch garbage decomposer by denaturing gradient gel electrophoresis. Bioresource Technology, 2008, 99, 3084-3093.	4.8	8
250	Influence of vegetation and substrate on the removal and transformation of dissolved organic matter in horizontal subsurface-flow constructed wetlands. Bioresource Technology, 2008, 99, 4990-4996.	4.8	61
251	Spatiotemporal heterogeneity of plankton communities in Lake Donghu, China, as revealed by PCR–denaturing gradient gel electrophoresis and its relation to biotic and abiotic factors. FEMS Microbiology Ecology, 2008, 63, 328-337.	1.3	41
252	Analysis of bacterial communities on alkaline phosphatase genes in soil supplied with organic matter. Soil Science and Plant Nutrition, 2008, 54, 62-71.	0.8	190
253	Intestinal microbiota development in the premature neonate: establishment of a lasting commensal relationship?. Nutrition Reviews, 2008, 66, 658-663.	2.6	73
254	Biodiversity of the microbial community in a Spanish farmhouse cheese as revealed by culture-dependent and culture-independent methods. International Journal of Food Microbiology, 2008, 127, 200-208.	2.1	79
255	Trichoderma communities in soils from organic, sustainable, and conventional farms, and their relation with Southern blight of tomato. Soil Biology and Biochemistry, 2008, 40, 1124-1136.	4.2	31
257	Molecular Techniques in Food Fermentation: Principles and Applications. , 2008, , 1-30.		19
259	Diversity and dynamics of lactobacilli populations during ripening of RDO Camembert cheese. Canadian Journal of Microbiology, 2008, 54, 218-228.	0.8	33
260	Culture-independent characterization of the bacterial populations associated with cod (Gadus) Tj ETQq1 1 0.7843 electrophoresis. Aquaculture, 2008, 275, 42-50.	314 rgBT _/ 1.7	Overlock 10 81
261	Longitudinal changes in microbial planktonic communities of a French river in relation to pesticide and nutrient inputs. Aquatic Toxicology, 2008, 86, 352-360.	1.9	66
262	Evaluation of molecular methods used for establishing the interactions and functions of microorganisms in anaerobic bioreactors. Water Research, 2008, 42, 513-537.	5.3	128

#	Article	IF	CITATIONS
263	Effects of carbon source on denitrification efficiency and microbial community structure in a saline wastewater treatment process. Water Research, 2008, 42, 3709-3718.	5.3	134
264	Optimization of DGGE community fingerprinting for characterizing Escherichia coli communities associated with fecal pollution. Water Research, 2008, 42, 4467-4476.	5.3	14
265	The use of molecular techniques to characterize the microbial communities in contaminated soil and water. Environment International, 2008, 34, 265-276.	4.8	161
266	Genetic Diversity of Hydrogen-Producing Bacteria in an Acidophilic Ethanol-H ₂ -Coproducing System, Analyzed Using the [Fe]-Hydrogenase Gene. Applied and Environmental Microbiology, 2008, 74, 1232-1239.	1.4	112
267	The Gut Microbiota Predispose to the Pathophysiology of Acute Postradiotherapy Diarrhea. American Journal of Gastroenterology, 2008, 103, 1754-1761.	0.2	154
268	Soil Microbial Community Structure in Diverse Land Use Systems: A Comparative Study Using Biolog, DGGE, and PLFA Analyses. Pedosphere, 2008, 18, 653-663.	2.1	82
269	Symbiotic gut microbes modulate human metabolic phenotypes. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 2117-2122.	3.3	994
270	Drop-Size Soda Lakes: Transient Microbial Habitats on a Salt-Secreting Desert Tree. Genetics, 2008, 178, 1615-1622.	1.2	46
271	Change in the Ileal Bacterial Population of Turkeys Fed Different Diets and After Infection with Salmonella as Determined with Denaturing Gradient Gel Electrophoresis of Amplified 16S Ribosomal DNA. Poultry Science, 2008, 87, 1415-1427.	1.5	10
272	Quantitative rRNA-Targeted Solution-Based Hybridization Assay Using Peptide Nucleic Acid Molecular Beacons. Applied and Environmental Microbiology, 2008, 74, 7297-7305.	1.4	6
273	Isolation of Effective 3-Chlorobenzoate-Degraders in Soil Using Community Analyses by PCR-DGGE. Microbes and Environments, 2008, 23, 285-292.	0.7	16
274	Application of Membrane Bioreactors in the Preliminary Treatment of Early Planetary Base Wastewater for Longâ€Duration Space Missions. Water Environment Research, 2008, 80, 2209-2218.	1.3	6
275	Approaches for diversity analysis of cultivable and non-cultivable bacteriain real soil. Plant, Soil and Environment, 2009, 55, 389-396.	1.0	18
276	Microbial Composition in Cadmium Contaminated Soils around Zinc Mining Area, Thailand. Modern Applied Science, 2009, 3, .	0.4	2
277	Microbial succession within an anaerobic sequencing batch biofilm reactor (ASBBR) treating cane vinasse at $55 \text{\AA}^{2}\text{C}$. Brazilian Archives of Biology and Technology, 2009, 52, 1027-1036.	0.5	13
278	Characterization of bacterial and fungal communities in composted biosolids over a 2 year period using denaturing gradient gel electrophoresis. Canadian Journal of Microbiology, 2009, 55, 375-387.	0.8	27
279	Evaluation of different primers for PCR-DGGE analysis of cheese-associated enterococci. Journal of Dairy Research, 2009, 76, 265-271.	0.7	9
280	Culture-Independent Characterization of Archaeal Biodiversity in Swine Confinement Building Bioaerosols. Applied and Environmental Microbiology, 2009, 75, 5445-5450.	1.4	83

#	Article	IF	CITATIONS
281	Phylogenetic analyses and detection of viridans streptococci based on sequences and denaturing gradient gel electrophoresis of the rod shape-determining protein gene. Journal of Oral Microbiology, 2009, 1, 2015.	1.2	10
282	Chemotherapy Treatment in Pediatric Patients with Acute Myeloid Leukemia Receiving Antimicrobial Prophylaxis Leads to a Relative Increase of Colonization with Potentially Pathogenic Bacteria in the Gut. Clinical Infectious Diseases, 2009, 49, 262-270.	2.9	211
283	Probing the archaeal diversity of a mixed thermophilic bioleaching culture by TGGE and FISH. Systematic and Applied Microbiology, 2009, 32, 501-513.	1.2	12
284	Bacterial and archaeal populations at two shallow hydrothermal vents off Panarea Island (Eolian) Tj ETQq1 1 0.784	314 rgBT 0.9	/Overlock
285	Microbial communities in karst groundwater and their potential use for biomonitoring. Hydrogeology Journal, 2009, 17, 37-48.	0.9	119
286	Cyanobacterial akinete induction and its application as biofertilizer for rice cultivation. Journal of Applied Phycology, 2009, 21, 737-744.	1.5	17
287	Cultivation-independent approaches to investigate the chemistry of marine symbiotic bacteria. Phytochemistry Reviews, 2009, 8, 401-414.	3.1	25
288	Molecular Characterization of Microbial Population Dynamics during Sildenafil Citrate Degradation. Molecular Biotechnology, 2009, 41, 123-132.	1.3	9
289	Genomic tools in bioremediation. Indian Journal of Microbiology, 2009, 49, 108-113.	1.5	28
290	DGGE fingerprinting of bacteria in soils from eight ecologically different sites around Casey Station, Antarctica. Polar Biology, 2009, 32, 853-860.	0.5	57
291	Diversity and Decomposing Ability of Saprophytic Fungi from Temperate Forest Litter. Microbial Ecology, 2009, 58, 98-107.	1.4	95
292	Application of Molecular Techniques to the Elucidation of the Microbial Community Structure of Antique Paintings. Microbial Ecology, 2009, 58, 692-702.	1.4	30
293	Plant defence against nematodes is not mediated by changes in the soil microbial community. Functional Ecology, 2009, 23, 488-495.	1.7	19
294	Cohesive molecular genetic data delineate species diversity in the dinoflagellate genus <i>Symbiodinium</i> . Molecular Ecology, 2009, 18, 500-519.	2.0	183
295	Amplification of soil fungal community DNA using the ITS86F and ITS4 primers. FEMS Microbiology Letters, 2009, 296, 91-96.	0.7	76
296	Integrative approaches for assessing the ecological sustainability of <i>in situ </i> i>bioremediation. FEMS Microbiology Reviews, 2009, 33, 324-375.	3.9	142
297	Archaeal communities associated with shallow to deep subseafloor sediments of the New Caledonia Basin. Environmental Microbiology, 2009, 11, 2446-2462.	1.8	49
298	Isolation and characterization of distillery spent wash color reducing bacteria and process optimization by Taguchi approach. International Biodeterioration and Biodegradation, 2009, 63, 420-426.	1.9	35

#	Article	IF	CITATIONS
299	Aerobic microbial activity in fresh and aged bottom ashes from municipal solid waste incineration (MSWI). International Biodeterioration and Biodegradation, 2009, 63, 739-746.	1.9	13
300	Detection of UVBR-sensitive and -tolerant bacteria in surface waters of the western North Pacific. Journal of Photochemistry and Photobiology B: Biology, 2009, 95, 108-116.	1.7	6
301	Petrochemical wastewater odor treatment by biofiltration. Bioresource Technology, 2009, 100, 2204-2209.	4.8	44
302	<i>Lactobacillus hayakitensis</i> , <i>L. equigenerosi</i> and <i>L. equi</i> , predominant lactobacilli in the intestinal flora of healthy thoroughbreds. Animal Science Journal, 2009, 80, 339-346.	0.6	23
303	Evidence of high individual diversity on myticin C in mussel (Mytilus galloprovincialis). Developmental and Comparative Immunology, 2009, 33, 162-170.	1.0	55
304	Temporal changes in community composition of heterotrophic bacteria during in situ iron enrichment in the western subarctic Pacific (SEEDS-II). Deep-Sea Research Part II: Topical Studies in Oceanography, 2009, 56, 2779-2787.	0.6	17
305	Effects of herbicide butachlor on soil microorganisms and on nitrogen-fixing abilities in paddy soil. Ecotoxicology and Environmental Safety, 2009, 72, 120-127.	2.9	42
306	Assessing insecticide and fungicide effects on the culturable soil bacterial community by analyses of variance of their DGGE fingerprinting data. European Journal of Soil Biology, 2009, 45, 466-472.	1.4	33
307	Effects of calcium cyanamide on soil microbial communities and Fusarium oxysporum f. sp. cucumberinum. Chemosphere, 2009, 75, 872-877.	4.2	37
308	Functional principal component data analysis: A new method for analysing microbial community fingerprints. Journal of Microbiological Methods, 2009, 79, 89-95.	0.7	24
309	Sequential extraction and genetic fingerprinting of a forest soil metagenome. Applied Soil Ecology, 2009, 42, 176-181.	2.1	74
310	Allelopathy in freshwater cyanobacteria. Critical Reviews in Microbiology, 2009, 35, 271-282.	2.7	129
311	Patterns and Scales in Gastrointestinal Microbial Ecology. Gastroenterology, 2009, 136, 1989-2002.	0.6	84
312	Advances in Applied Bioremediation. Soil Biology, 2009, , .	0.6	41
313	Aerobic Denitrification of Nitrate Wastewater and Dynamic Analysis of the Microbial Community in a Bio-Ceramic Reactor., 2009, , .		0
314	DNA extraction procedure affects organic-aggregate-attached bacterial community profiles from a shallow eutrophic lake. Canadian Journal of Microbiology, 2009, 55, 776-782.	0.8	6
315	Time Course of Bacterial Diversity in Stool Samples of Malnourished Children With Cholera Receiving Treatment. Journal of Pediatric Gastroenterology and Nutrition, 2009, 48, 571-578.	0.9	10
316	Rapid Detection of Acetic Acid Bacteria in the Traditional Pot-Fermented Rice Vinegar Kurozu. Food Science and Technology Research, 2009, 15, 587-590.	0.3	4

#	Article	IF	CITATIONS
317	Preparation of Fungal Specimens for Direct Molecular Applications., 2009, , .		0
319	Influence of linear alkylbenzene sulfonate (LAS) on the structure of Alphaproteobacteria, Actinobacteria, and Acidobacteria communities in a soil microcosm. Environmental Science and Pollution Research, 2010, 17, 779-790.	2.7	29
320	Implementation of Random Bacterial Genomic DNA Microarray Chip (RBGDMC) for Screening of Dominant Bacteria in Complex Cultures. Applied Biochemistry and Biotechnology, 2010, 162, 2284-2293.	1.4	1
321	Microbial community structure in anaerobic co-digestion of grass silage and cow manure in a laboratory continuously stirred tank reactor. Biodegradation, 2010, 21, 135-146.	1.5	41
322	Effect of decabromodiphenyl ether (BDE 209) on soil microbial activity and bacterial community composition. World Journal of Microbiology and Biotechnology, 2010, 26, 1891-1899.	1.7	29
323	Effect of monoculture soybean on soil microbial community in the Northeast China. Plant and Soil, 2010, 330, 423-433.	1.8	177
324	High levels of spatial heterogeneity in the biodiversity of soil prokaryotes on Signy Island, Antarctica. Soil Biology and Biochemistry, 2010, 42, 601-610.	4.2	86
325	Do climate warming and plant species richness affect potential nitrification, basal respiration and ammonia-oxidizing bacteria in experimental grasslands?. Soil Biology and Biochemistry, 2010, 42, 1944-1951.	4.2	54
326	Changes in bacterial communities from swine feces during continuous culture with starch. Anaerobe, 2010, 16, 516-521.	1.0	11
327	Investigation of the intestinal microbiota in preterm infants using different methods. Anaerobe, 2010, 16, 362-370.	1.0	118
328	Antibacterial activity of carvacrol and 2-nitro-1-propanol against single and mixed populations of foodborne pathogenic bacteria in corn flour dough. Food Microbiology, 2010, 27, 274-279.	2.1	9
330	Evaluation of performance and community dynamics of microorganisms during treatment of distillery spent wash in a three stage bioreactor. Bioresource Technology, 2010, 101, 4296-4305.	4.8	38
331	Landfill leachate pollutant removal performance of a novel biofilter packed with mixture medium. Bioresource Technology, 2010, 101, 7754-7760.	4.8	37
332	Structure of archaeal communities in membrane-bioreactor and submerged-biofilter wastewater treatment plants. Bioresource Technology, 2010, 101, 2096-2105.	4.8	37
333	Measurement of soil characteristics for forensic applications. Surface and Interface Analysis, 2010, 42, 363-377.	0.8	81
334	Improved detection methods for infected hip joint prostheses. Apmis, 2010, 118, 815-823.	0.9	10
335	Microbiota of yellow grouper (Epinephelus awoora Temminck & Eamp; Schlegel, 1842) fed two different diets. Aquaculture Research, 2010, 41, 1778-1790.	0.9	21
336	Diversity and temporal stability of bacterial communities in a model passerine bird, the zebra finch. Molecular Ecology, 2010, 19, 5531-5544.	2.0	48

#	Article	IF	CITATIONS
337	Assessment of survival of <i>Listeria monocytogenes </i> , <i>Salmonella </i> Infantis and <i>Enterococcus faecalis </i> artificially inoculated into experimental waste or compost. Journal of Applied Microbiology, 2010, 108, 1797-1809.	1.4	15
338	Molecular monitoring of fungal communities in air samples by denaturing high-performance liquid chromatography (D-HPLC). Journal of Applied Microbiology, 2010, 109, 910-917.	1.4	7
339	Exposure of different bacterial inocula to newborn chicken affects gut microbiota development and ileum gene expression. ISME Journal, 2010, 4, 367-376.	4.4	102
340	Environmental Biotechnology in Water and Wastewater Treatment. Journal of Environmental Engineering, ASCE, 2010, 136, 348-353.	0.7	29
341	Intragenomic and intraspecific heterogeneity in rrs may surpass interspecific variability in a natural population of Veillonella. Microbiology (United Kingdom), 2010, 156, 2080-2091.	0.7	33
342	lleal and Caecal Microbial Populations in Broilers Given Specific Essential Oil Blends and Probiotics in two Consecutive Grow-Outs. Avian Biology Research, 2010, 3, 157-169.	0.4	15
343	Microanatomy and bacterial flora of the perineal glands of the North American porcupine. Canadian Journal of Zoology, 2010, 88, 59-68.	0.4	6
344	Shallow hydrothermal vents in the southern Tyrrhenian Sea. Chemistry and Ecology, 2010, 26, 285-298.	0.6	40
345	Bacterial and fungal communities associated with <i>Tuber magnatum</i> Productive niches. Plant Biosystems, 2010, 144, 323-332.	0.8	45
346	Variations in Laboratory-Scale Actinomycete Communities Exposed to Cadmium as Assessed by Denaturing Gradient Gel Electrophoresis Profiles. Pedosphere, 2010, 20, 174-184.	2.1	2
347	From Structure to Function: the Ecology of Host-Associated Microbial Communities. Microbiology and Molecular Biology Reviews, 2010, 74, 453-476.	2.9	339
348	Genomics in the Discovery and Monitoring of Marine Biodiversity. , 2010, , 1-32.		7
349	Notice of Retraction: Study on joint acid fermentation test of excess sludge and distiller's grains. , 2010, , .		0
350	The developing intestinal microbiome and its relationship to health and disease in the neonate. Journal of Perinatology, 2011, 31, S29-S34.	0.9	173
351	Microbial Source Tracking: Methods, Applications, and Case Studies., 2011,,.		64
352	Thermophilic bacteria present in a sample from Fumarole Bay, Deception Island. Antarctic Science, 2011, 23, 549-555.	0.5	42
353	Microbes and Microbial Technology. , 2011, , .		50
355	Chloroform decreases rumen methanogenesis and methanogen populations without altering rumen function in cattle. Animal Feed Science and Technology, 2011, 166-167, 101-112.	1.1	59

#	Article	IF	CITATIONS
356	Ribosomal DNA polymorphisms in the yeast Geotrichum candidum. Fungal Biology, 2011, 115, 1259-1269.	1.1	54
357	Phytoplankton community succession shaping bacterioplankton community composition in Lake Taihu, China. Water Research, 2011, 45, 4169-4182.	5.3	152
358	Methanogen community structure-activity relationship and bioaugmentation of overloaded anaerobic digesters. Water Research, 2011, 45, 5249-5256.	5.3	90
359	Molecular Approaches for the Analysis of Natural Attenuation and Bioremediation., 2011,, 25-36.		2
360	The use of highâ€resolution melting analysis for genotyping <i>Symbiodinium</i> strains: a sensitive and fast approach. Molecular Ecology Resources, 2011, 11, 394-399.	2.2	16
361	Herbicide Contamination of Freshwater Ecosystems: Impact on Microbial Communities., 0,,.		7
362	The application of polymerase chain reaction-denaturing gradient gel electrophoresis (PCR-DGGE) method in microbial screening. African Journal of Biotechnology, 2011, 10, 9387-9395.	0.3	14
363	Evaluation of the impact of DNA extraction methods on BAC bacterial community composition measured by denaturing gradient gel electrophoresis. Letters in Applied Microbiology, 2011, 53, 44-49.	1.0	9
364	Bacterial flora as indicated by PCR-temperature gradient gel electrophoresis (TGGE) of 16S rDNA gene fragments from isolated guts of phlebotomine sand flies (Diptera: Psychodidae). Journal of Vector Ecology, 2011, 36, S144-S147.	0.5	23
365	Optimizing the indirect extraction of prokaryotic DNA from soils. Soil Biology and Biochemistry, 2011, 43, 736-748.	4.2	44
366	Development of highly sensitive assays for detection of genetic variation in key Helicoverpa armigera nucleopolyhedrovirus genes. Journal of Virological Methods, 2011, 178, 179-185.	1.0	7
367	Animal behaviour meets microbial ecology. Animal Behaviour, 2011, 82, 425-436.	0.8	230
368	Monitoring the microbial community during solid-state acetic acid fermentation of Zhenjiang aromatic vinegar. Food Microbiology, 2011, 28, 1175-1181.	2.1	102
369	Spatial heterogeneity of bacterial community structure in the sediments of the Pearl River estuary. Biologia (Poland), 2011, 66, 574-584.	0.8	23
370	Genetic diversity patterns of microbial communities in a subtropical riverine ecosystem (Jiulong River,) Tj ETQq0	0 0 rgBT /	Overlock 10 T
371	Molecular assessment of microbiota structure and dynamics along mixed olive oil and winery wastewaters biotreatment. Biodegradation, 2011, 22, 773-795.	1.5	9
372	Dominant bacterial communities in the rumen of Gayals (Bos frontalis), Yaks (Bos grunniens) and Yunnan Yellow Cattle (Bos taurs) revealed by denaturing gradient gel electrophoresis. Molecular Biology Reports, 2011, 38, 4863-4872.	1.0	35
373	Presence and detection of anaerobic ammonium-oxidizing (anammox) bacteria and appraisal of anammox process for high-strength nitrogenous wastewater treatment: a review. Clean Technologies and Environmental Policy, 2011, 13, 759-781.	2.1	64

#	Article	IF	CITATIONS
374	Genetic Diversity of cry Gene Sequences of Bacillus thuringiensis Strains Analyzed by Denaturing Gradient Gel Electrophoresis. Current Microbiology, 2011, 62, 866-870.	1.0	2
375	Metagenome-based analysis: A promising direction for plankton ecological studies. Science China Life Sciences, 2011, 54, 75-81.	2.3	7
376	Laboratory assessment of biofilm process and its microbial characteristics for treating nonpoint source pollution. Korean Journal of Chemical Engineering, 2011, 28, 1207-1213.	1.2	8
377	Improving probe set selection for microbial community analysis by leveraging taxonomic information of training sequences. BMC Bioinformatics, 2011, 12, 394.	1.2	2
378	Microbial characterization of the biofilms developed for treating ampicillin-bearing wastewater. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2011, 46, 314-322.	0.9	3
379	Metal Tolerance and Biosorption Potential of Soil Fungi: Applications for a Green and Clean Water Treatment Technology., 2011,, 321-361.		5
380	Parenteral Antibiotics Reduce Bifidobacteria Colonization and Diversity in Neonates. International Journal of Microbiology, 2011, 2011, 1-6.	0.9	46
381	Notice of Retraction: The Analysis of Microbial Communities with Gene Detecting Techniques in Oil Reservoir., 2011,,.		0
382	Effects of Diverse Water Pipe Materials on Bacterial Communities and Water Quality in the Annular Reactor. Journal of Microbiology and Biotechnology, 2011, 21, 115-123.	0.9	79
383	PCR Biases Distort Bacterial and Archaeal Community Structure in Pyrosequencing Datasets. PLoS ONE, 2012, 7, e43093.	1.1	366
384	Effect of Pharmaceuticals on the Performance of a Novel Osmotic Membrane Bioreactor (OMBR). Separation Science and Technology, 2012, 47, 543-554.	1.3	55
385	Effect of Drip Irrigation Water with Different Salinity on Soil Microbe of the Tarim Desert Highway Shelter-Forest., 2012,,.		2
386	Comparative Analysis of Bacterial Diversity for Cutlassfish (<i>Trichiurus haumela</i>) during Cold Storage by the Culture-Dependent and Culture-Independent Methods. Advanced Materials Research, 2012, 535-537, 1046-1053.	0.3	1
387	Characterization of the Dynamic Changes of Microorganisms in Cutlassfish (<i>Trichiurus) Tj ETQq1 1 0.784314 Culture-Dependent and 16S rRNA-DGGE Technology. Advanced Materials Research, 2012, 554-556, 1498-1506.</i>	rgBT /Ove	erlock 10 Tf 5 O
388	Lesion bacterial communities in American lobsters with diet-induced shell disease. Diseases of Aquatic Organisms, 2012, 98, 221-233.	0.5	24
389	Combined Analyses of Bacterial, Fungal and Nematode Communities in Andosolic Agricultural Soils in Japan. Microbes and Environments, 2012, 27, 72-79.	0.7	27
390	Taxonomy, Phylogeny and Evolution., 2012, , 1-75.		0
391	Bacterial communities associated with the decomposition of Fucus vesiculosus in transitional waters. Estuarine, Coastal and Shelf Science, 2012, 110, 116-124.	0.9	3

#	Article	IF	CITATIONS
392	Virtual metagenome reconstruction from $16S$ rRNA gene sequences. Nature Communications, 2012 , 3 , 1203 .	5.8	24
393	Marine actinomycetes: An ongoing source of novel bioactive metabolites. Microbiological Research, 2012, 167, 571-580.	2.5	310
394	High levels of genetic variation within Helicoverpa armigera nucleopolyhedrovirus populations in individual host insects. Archives of Virology, 2012, 157, 2281-2289.	0.9	15
395	Methodology to Assess Silicone (Bio)Degradation and its Effects on Microbial Diversity. Journal of Polymers and the Environment, 2012, 20, 1019-1026.	2.4	7
396	Mineralisation of Weathered Crude Oil by a Hydrocarbonoclastic Consortia in Marine Mesocosms. Water, Air, and Soil Pollution, 2012, 223, 4283-4295.	1.1	23
397	Bacterial Communities Associated with Lesions of Shell Disease in the American Lobster, <i>Homarus americanus </i> /i>Milne-Edwards. Journal of Shellfish Research, 2012, 31, 449-462.	0.3	55
398	Intragenomic and intraspecific heterogeneity of the 16S rRNA gene in seven bacterial species from the respiratory tract of cystic fibrosis patients assessed by PCR-Temporal Temperature Gel Electrophoresis. Pathologie Et Biologie, 2012, 60, e30-e35.	2.2	8
399	Phylogenetic relationships among the Caribbean members of the Cliona viridis complex (Porifera,) Tj ETQq1 1 0.7 Phylogenetics and Evolution, 2012, 64, 271-284.	784314 rg 1.2	BT /Overlock 26
400	Saliva microbiomes distinguish caries-active from healthy human populations. ISME Journal, 2012, 6, 1-10.	4.4	320
401	Denaturing Gradient Gel Electrophoresis and Barcoded Pyrosequencing Reveal Unprecedented Archaeal Diversity in Mangrove Sediment and Rhizosphere Samples. Applied and Environmental Microbiology, 2012, 78, 5520-5528.	1.4	204
402	Mechanistic study of on-site sludge reduction in a baffled bioreactor consisting of three series of alternating aerobic and anaerobic compartments. Biochemical Engineering Journal, 2012, 67, 45-51.	1.8	24
403	Molecular characterization of bacterial communities in algal–bacterial photobioreactors treating piggery wastewaters. Ecological Engineering, 2012, 40, 121-130.	1.6	47
404	Investigation of the hygienic safety of aromatic plants cultivated in soil contaminated with Listeria monocytogenes. Food Control, 2012, 26, 213-219.	2.8	17
405	Detection and identification of potentially toxic cyanobacteria: Ubiquitous distribution of Microcystis aeruginosa and Cuspidothrix issatschenkoi in Japanese lakes. Harmful Algae, 2012, 16, 49-57.	2,2	15
406	Molecular Microbial Ecology of the Human Gut. , 0, , 135-155.		3
407	Characterization of Freshwater Diatom Communities: Comparing Taxonomic and Geneticâ€Fingerprinting Approaches. Journal of Phycology, 2012, 48, 1458-1464.	1.0	4
408	Bacterial profile from caecal contents and soft faeces in growing rabbits given diets differing in soluble and insoluble fibre levels. Anaerobe, 2012, 18, 602-607.	1.0	9
409	Comparison of intestinal bacterial communities in grass carp, Ctenopharyngodon idellus, from two different habitats. Chinese Journal of Oceanology and Limnology, 2012, 30, 757-765.	0.7	46

#	Article	IF	Citations
410	Estrutura metabólica e genética de comunidades bacterianas em solo de cerrado sob diferentes manejos. Pesquisa Agropecuaria Brasileira, 2012, 47, 269-276.	0.9	4
411	A comparison of silver staining protocols for detecting DNA in polyester-backed polyacrylamide gel. Brazilian Journal of Microbiology, 2012, 43, 649-652.	0.8	9
412	The application of oligonucleotide probes and microarrays for the identification of freshwater diatoms. Hydrobiologia, 2012, 695, 57-72.	1.0	5
413	Techniques used to characterize the gut microbiota: a guide for the clinician. Nature Reviews Gastroenterology and Hepatology, 2012, 9, 312-322.	8.2	290
414	The Human Microbiome: Our Second Genome. Annual Review of Genomics and Human Genetics, 2012, 13, 151-170.	2.5	498
415	Effects of three different PAHs on nitrogen-fixing bacterial diversity in mangrove sediment. Ecotoxicology, 2012, 21, 1651-1660.	1.1	43
416	Possible variation of the human oral bacterial community after wearing removable partial dentures by DGGE. World Journal of Microbiology and Biotechnology, 2012, 28, 2229-2236.	1.7	18
417	Bacterial community profiles from sediments of the Anacostia River using metabolic and molecular analyses. Environmental Science and Pollution Research, 2012, 19, 1271-1279.	2.7	15
418	Contrasting Bacterial Dynamics in Subtropical Estuarine and Coastal Waters. Estuaries and Coasts, 2012, 35, 976-990.	1.0	10
419	Comparison of the Gut Microbe Profiles and Numbers Between Patients with Liver Cirrhosis and Healthy Individuals. Current Microbiology, 2012, 65, 7-13.	1.0	59
420	Bacterial community structure and bamA gene diversity in anaerobic degradation of toluene and benzoate under denitrifying conditions. Journal of Applied Microbiology, 2012, 112, 269-279.	1.4	20
421	Catalase-positive cocci in fermented sausage: Variability due to different pork breeds, breeding systems and sausage production technology. Food Microbiology, 2012, 29, 178-186.	2.1	30
422	Detection of bacterial diversity in rat's periodontitis model under imitational altitude hypoxia environment. Archives of Oral Biology, 2012, 57, 23-29.	0.8	24
423	Microbial profiles in saliva from children with and without caries in mixed dentition. Oral Diseases, 2012, 18, 595-601.	1.5	76
424	Diversity of cloacal microbial community in migratory shorebirds that use the Tagus estuary as stopover habitat and their potential to harbor and disperse pathogenic microorganisms. FEMS Microbiology Ecology, 2012, 82, 63-74.	1.3	39
425	Ciliate and bacterial communities associated with White Syndrome and Brown Band Disease in reefâ€building corals. Environmental Microbiology, 2012, 14, 2184-2199.	1.8	98
426	Natural attenuation is enhanced in previously contaminated and coniferous forest soils. Environmental Science and Pollution Research, 2012, 19, 53-63.	2.7	26
427	Culture-independent methods for studying environmental microorganisms: methods, application, and perspective. Applied Microbiology and Biotechnology, 2012, 93, 993-1003.	1.7	168

#	Article	IF	Citations
428	The use of FAME analyses to discriminate between different strains of Geotrichum klebahnii with different viabilities. World Journal of Microbiology and Biotechnology, 2012, 28, 755-759.	1.7	2
429	Late Holocene changes in cyanobacterial community structure in maritime Antarctic lakes. Journal of Paleolimnology, 2013, 50, 15-31.	0.8	14
431	Relating MEC population dynamics to anode performance from DGGE and electrical data. Systematic and Applied Microbiology, 2013, 36, 408-416.	1.2	17
432	Prevalence of Viral Photosynthetic and Capsid Protein Genes from Cyanophages in Two Large and Deep Perialpine Lakes. Applied and Environmental Microbiology, 2013, 79, 7169-7178.	1.4	23
433	Heavy-Oil Anaerobic Degradation and Methanogenic Characterization. Applied Mechanics and Materials, 2013, 448-453, 3998-4002.	0.2	2
434	Precipitation of carbonates by bacteria isolated from wastewater samples collected in a conventional wastewater treatment plant. International Journal of Environmental Science and Technology, 2013, 10, 141-150.	1.8	26
435	The effects of different vegetation restoration patterns on soil bacterial diversity for sandy land in Hulunbeier. Acta Ecologica Sinica, 2013, 33, 211-216.	0.9	8
436	Biological activity in expanded clay (EC) and granulated activated carbon (GAC) seawater filters. Desalination, 2013, 328, 67-73.	4.0	8
438	Molecular Ecology Techniques Reveal Both Spatial and Temporal Variations in the Diversity of Archaeal Communities within the Athalassohaline Environment of Rambla Salada, Spain. Microbial Ecology, 2013, 66, 297-311.	1.4	16
439	Modifying the gastrointestinal ecology in alternatively raised poultry and the potential for molecular and metabolomic assessment. Poultry Science, 2013, 92, 546-561.	1.5	43
441	Effect of DNA polymerases on PCR-DGGE patterns. International Biodeterioration and Biodegradation, 2013, 84, 244-249.	1.9	19
442	Induced soil microbial suppression of banana fusarium wilt disease using compost and biofertilizers to improve yield and quality. European Journal of Soil Biology, 2013, 57, 1-8.	1.4	163
443	Detection of ammonia-oxidizing Bacteria and Archaea within coral reef cyanobacterial mats. Journal of Oceanography, 2013, 69, 591-600.	0.7	3
444	Biodiversity and biotechnological potential of microorganisms from mangrove ecosystems: a review. Annals of Microbiology, 2013, 63, 1-19.	1.1	453
445	Identification of a Bacterial Consortium with Biotechnological Potential for Arsenic Bioremediation. Advanced Materials Research, 2013, 825, 540-543.	0.3	0
446	Microbial Diversity in the Era of Omic Technologies. BioMed Research International, 2013, 2013, 1-15.	0.9	54
447	Culture-independent analysis of bacterial communities in hemolymph of American lobsters with epizootic shell disease. Diseases of Aquatic Organisms, 2013, 103, 141-148.	0.5	10
448	Textures and processes of laminated travertines formed by unicellular cyanobacteria in <scp>M</scp> yoken hot spring, southwestern <scp>J</scp> apan. Island Arc, 2013, 22, 410-426.	0.5	30

#	Article	IF	Citations
449	Influence of hyporheic zone characteristics on the structure and activity of microbial assemblages. Freshwater Biology, 2013, 58, 2567-2583.	1.2	40
450	The Potent Pharmacological Mushroom Fomes fomentarius: Cultivation Processes and Biotechnological Uses., 2013,, 310-332.		0
451	Microbial biodegradation of butachlor pollution (obsolete pesticide Machete 60% EC). African Journal of Microbiology Research, 2013, 7, 330-335.	0.4	4
452	Diversity of cultivable microorganisms of Davidia involucrate in rhizosphere soil. African Journal of Microbiology Research, 2013, 7, 5391-5399.	0.4	0
453	Coastal Microbial Mat Diversity along a Natural Salinity Gradient. PLoS ONE, 2013, 8, e63166.	1.1	71
454	Comparison of Yacon (<i>Smallanthus sonchifolius</i>) Tuber with Commercialized Fructo-oligosaccharides (FOS) in Terms of Physiology, Fermentation Products and Intestinal Microbial Communities in Rats. Bioscience of Microbiota, Food and Health, 2013, 32, 167-178.	0.8	10
455	Responses of selected biota after biostimulation of a vegetable oil spill in the Con Joubert Bird Sanctuary wetland: A pilot study. African Journal of Biotechnology, 2013, 12, 385-399.	0.3	3
457	The Colonization Dynamics of the Gut Microbiota in Tilapia Larvae. PLoS ONE, 2014, 9, e103641.	1.1	78
459	Application of Molecular Techniques for the Assessment of Microbial Communities in Contaminated Sites., 2014,, 85-113.		14
460	Molecular methods for studying biocorrosion. , 2014, , 57-75.		1
461	Thermophilic Bacilli and their Enzymes in Composting. Sustainable Development and Biodiversity, 2014, , 103-124.	1.4	9
462	Evaluation of the microbial community, acidity and proximate composition of <i>akamu</i> , a fermented maize food. Journal of the Science of Food and Agriculture, 2014, 94, 331-340.	1.7	18
463	Microbial diversity in an Armenian geothermal spring assessed by molecular and cultureâ€based methods. Journal of Basic Microbiology, 2014, 54, 1240-1250.	1.8	20
465	Cyanobacteria in New Zealand indigenous grasslands. New Zealand Journal of Botany, 2014, 52, 100-115.	0.8	5
466	Methane production potential and methanogenic archaeal community structure in tropical irrigated Indian paddy soils. Biology and Fertility of Soils, 2014, 50, 369-379.	2.3	30
467	Study of nitrifying microbial communities in a partial-nitritation bioreactor. Ecological Engineering, 2014, 64, 443-450.	1.6	27
468	Performance of a haloalkaliphilic bioreactor and bacterial community shifts under different COD/SO42â^² ratios and hydraulic retention times. Journal of Hazardous Materials, 2014, 274, 53-62.	6.5	29
469	Functional Soil Microbiome: Belowground Solutions to an Aboveground Problem Â. Plant Physiology, 2014, 166, 689-700.	2.3	299

#	ARTICLE	IF	Citations
470	Effect of biogas digested slurry-based biochar on methane flux and methanogenic archaeal diversity in paddy soil. Agriculture, Ecosystems and Environment, 2014, 197, 278-287.	2.5	39
471	Methodological approaches for studying the microbial ecology of drinking water distribution systems. Water Research, 2014, 65, 134-156.	5.3	215
472	Diversity and distribution of <i>Halomonas </i> in Rambla Salada, a hypersaline environment in the southeast of Spain. FEMS Microbiology Ecology, 2014, 87, 460-474.	1.3	26
473	Environmental Factors Affecting the Diversity and Abundance of Soil Photomicrobes in Arid Lands of Subtropical Taiwan. Geomicrobiology Journal, 2014, 31, 350-359.	1.0	7
474	HIV Infection and Microbial Diversity in Saliva. Journal of Clinical Microbiology, 2014, 52, 1400-1411.	1.8	69
475	Improvement of DGGE analysis by modifications of PCR protocols for analysis of microbial community members with low abundance. Applied Microbiology and Biotechnology, 2014, 98, 5655-5663.	1.7	6
476	Characterization of eubacterial and archaeal community diversity in the pit mud of Chinese Luzhou-flavor liquor by nested PCR–DGGE. World Journal of Microbiology and Biotechnology, 2014, 30, 605-612.	1.7	66
477	Estimation of Contamination Sources of Human Enteroviruses in a Wastewater Treatment and Reclamation System by PCR–DGGE. Food and Environmental Virology, 2014, 6, 99-109.	1.5	9
478	Detection of Mycoplasma pneumoniae P1 subtype variations by denaturing gradient gel electrophoresis. Diagnostic Microbiology and Infectious Disease, 2014, 78, 24-28.	0.8	21
479	Comparative molecular analysis of bacterial communities inhabiting pristine and polluted with polycyclic aromatic hydrocarbons Black Sea coastal sediments. Marine Pollution Bulletin, 2014, 83, 231-240.	2.3	24
480	Evaluation of soil storage methods for soil microbial community using genetic and metabolic fingerprintings. European Journal of Soil Biology, 2014, 63, 55-63.	1.4	25
481	Genetic Identification of Fungi Involved in Wood Decay. ACS Symposium Series, 2014, , 81-91.	0.5	3
482	Biofilm formation of salivary microbiota on dental restorative materials analyzed by denaturing gradient gel electrophoresis and sequencing. Dental Materials Journal, 2014, 33, 325-331.	0.8	10
484	Structure and activity of spontaneous fungal communities in organic substrates used for soilless crops. Scientia Horticulturae, 2015, 192, 148-157.	1.7	17
485	Floating Boards Improve Electricity Generation from Wastewater in Cassette-Electrode Microbial Fuel Cells. Journal of Water and Environment Technology, 2015, 13, 221-230.	0.3	4
486	Effect of different culture conditions on the structural diversity of prokaryote communities in the sediment of earth ponds stocked with gilthead seabreamSparus aurata(Linnaeus, 1758). Aquaculture Research, 2015, 46, 1760-1769.	0.9	0
487	RNA-TGGE, a Tool for Assessing the Potential for Bioremediation in Impacted Marine Ecosystems. Journal of Marine Science and Engineering, 2015, 3, 968-980.	1.2	3
488	FN-Identify: Novel Restriction Enzymes-Based Method for Bacterial Identification in Absence of Genome Sequencing. Advances in Bioinformatics, 2015, 2015, 1-14.	5.7	5

#	Article	IF	Citations
489	Molecular Analysis of Methanogen Richness in Landfill and Marshland Targeting 16S rDNA Sequences. Archaea, 2015, 2015, 1-9.	2.3	15
490	Perspective for Aquaponic Systems: " <i>Omic</i> ―Technologies for Microbial Community Analysis. BioMed Research International, 2015, 2015, 1-10.	0.9	49
491	Metagenomics: Tools and Insights for Analyzing Next-Generation Sequencing Data Derived from Biodiversity Studies. Bioinformatics and Biology Insights, 2015, 9, BBI.S12462.	1.0	317
492	Diversity and phylogenetic analysis of endosymbiotic bacteria of the date palm root borer Oryctes agamemnon (Coleoptera: Scarabaeidae). BMC Microbiology, 2015, 15, 88.	1.3	15
493	Assessing the viability of microorganisms in the ballast water of vessels transiting the North Atlantic Ocean. Marine Pollution Bulletin, 2015, 101, 258-266.	2.3	6
494	A Tale of Two Ports: Dinoflagellate and Diatom Communities Found in the High Ship Traffic Region of Galveston Bay, Texas (USA). Journal of Coastal Research, 2015, 31, 407.	0.1	10
495	Degradation of a textile azo dye using biological treatment followed by photo-Fenton oxidation: Evaluation of toxicity and microbial community structure. Chemical Engineering Journal, 2015, 270, 290-299.	6.6	194
496	Analysis of variations in band positions for normalization in across-gel denaturing gradient gel electrophoresis. Journal of Microbiological Methods, 2015, 112, 11-20.	0.7	2
497	Comparison of ITS and 18S rDNA for estimating fungal diversity using PCR–DGGE. World Journal of Microbiology and Biotechnology, 2015, 31, 1387-1395.	1.7	44
498	Molecular methods for studying methanogens of the human gastrointestinal tract: current status and future directions. Applied Microbiology and Biotechnology, 2015, 99, 5801-5815.	1.7	24
499	A Post-Genomic View of the Ecophysiology, Catabolism and Biotechnological Relevance of Sulphate-Reducing Prokaryotes. Advances in Microbial Physiology, 2015, 66, 55-321.	1.0	238
500	Identification and Characterization of Lactic Acid Bacteria Involved in Natural and Lactic Acid Bacterial Fermentations of Pastes of Soybeans and Soybean-Maize Blends Using Culture-Dependent Techniques and Denaturing Gradient Gel Electrophoresis. Food Biotechnology, 2015, 29, 20-50.	0.6	5
501	Characterization of the intestinal microbiota and its interaction with probiotics and health impacts. Applied Microbiology and Biotechnology, 2015, 99, 4175-4199.	1.7	76
502	Spatial heterogeneity in a deep artificial lake plankton community revealed by PCR-DGGE fingerprinting. Chinese Journal of Oceanology and Limnology, 2015, 33, 624-635.	0.7	12
503	Assessment of epiphytic yeast diversity in rice (Oryza sativa) phyllosphere in Thailand by a culture-independent approach. Antonie Van Leeuwenhoek, 2015, 107, 1475-1490.	0.7	23
504	Effects of Different Organic Manures on the Biochemical and Microbial Characteristics of Albic Paddy Soil in a Short-Term Experiment. PLoS ONE, 2015, 10, e0124096.	1.1	44
505	Lipid recovery from a vegetable oil emulsion using microbial enrichment cultures. Biotechnology for Biofuels, 2015, 8, 39.	6.2	14
506	Phylogenetic Relationships of the Symbiotic Bacteria in the AphidSitobion avenae(Hemiptera:) Tj ETQq1 1 0.784	314.ggBT /	Overlock 10

#	Article	IF	Citations
507	Cultivation of Environmental Bacterial Communities as Multispecies Biofilms. Springer Protocols, 2015, , 249-268.	0.1	3
508	Effect of Two Different Commercial DNA Extraction Kits on the Bacterial 16S Ribosomal RNA Gene Denaturing Gradient Gel Electrophoresis Profile of Arabian Gelding Feces. Journal of Equine Veterinary Science, 2015, 35, 165-169.	0.4	2
509	Bacterial community structure of a coastal area in Kandalaksha Bay, White Sea, Russia: possible relation to tidal hydrodynamics. Annals of Microbiology, 2015, 65, 443-453.	1.1	11
510	Understanding Problem Fermentations – A Review. South African Journal of Enology and Viticulture, 2016, 28, .	0.8	17
511	The Molecularâ€Based Methods Used for Studying Bacterial Diversity in Soils Contaminated with PAHs (The Review). , 0, , .		6
512	Microbial Kinetics and Enzymatic Activities in Hybrid Movingâ€Bed Biofilm Reactorâ€Membrane Bioreactor Systems. Chemical Engineering and Technology, 2016, 39, 1067-1076.	0.9	7
513	Assessment of the microbial diversity during an industrial-scale malting process by a polymerase chain reaction-denaturing gradient gel electrophoresis analysis. Journal of the Institute of Brewing, 2016, 122, 237-242.	0.8	2
514	Microbial Ecology Analysis of Biochar-Augmented Soils. , 2016, , 1-40.		5
515	DGGE-Profiling of Culturable Biochar-Enriched Microbial Communities. , 2016, , 78-108.		0
516	Association of diverse bacterial communities in human bile samples with biliary tract disorders: a survey using culture and polymerase chain reaction-denaturing gradient gel electrophoresis methods. European Journal of Clinical Microbiology and Infectious Diseases, 2016, 35, 1331-1339.	1.3	27
517	Diversity of parasitic fungi from soybean cyst nematode associated with long-term continuous cropping of soybean in black soil. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2016, 66, 432-442.	0.3	17
518	Functional Nucleic Acids Detection in Food Safety. , 2016, , .		10
519	Characterization of Microbial Diversity in Food Chain: A Molecular Review., 2016,, 365-382.		0
520	Understanding, Monitoring, and Controlling Biofilm Growth in Drinking Water Distribution Systems. Environmental Science & Environmental Science & Envi	4.6	302
521	The feather-degrading bacterial community in two soils as revealed by a specific primer targeting serine-type keratinolytic proteases. World Journal of Microbiology and Biotechnology, 2016, 32, 165.	1.7	5
522	Cecal microbiota of Tibetan Chickens from five geographic regions were determined by 16S <scp>rRNA</scp> sequencing. MicrobiologyOpen, 2016, 5, 753-762.	1.2	60
523	The Identification and Detection Technology of Research in Microorganisms Including Living or Dead Bacteria., 2016,, 343-364.		0
524	From One to Many: The Population Genetics of Cnidarian-Symbiodinium Symbioses., 2016,, 359-373.		2

#	Article	IF	CITATIONS
525	Continous application of bioorganic fertilizer induced resilient culturable bacteria community associated with banana Fusarium wilt suppression. Scientific Reports, 2016, 6, 27731.	1.6	55
526	Variation in larval gut bacteria between insecticide-resistant and -susceptible populations of Helicoverpa armigera (H $\tilde{\rm A}^{1}\!\!/\!\!4$ bner) (Lepidoptera: Noctuidae). Phytoparasitica, 2016, 44, 477-490.	0.6	7
527	Marine Microbial Systems Ecology: Microbial Networks in the Sea. , 2016, , 335-344.		2
528	Use of Genomic Approaches in Understanding the Role of Actinomycetes as PGP in Grain Legumes. , 2016, , 249-262.		3
529	Removal of methyl acrylate by ceramic-packed biotrickling filter and their response to bacterial community. Bioresource Technology, 2016, 209, 237-245.	4.8	40
530	Detection, identification and typing of Acidithiobacillus species and strains: a review. Research in Microbiology, 2016, 167, 555-567.	1.0	24
531	Shiga toxin-producing Escherichia coli in food: Incidence, ecology, and detection strategies. Food Control, 2016, 59, 407-419.	2.8	51
532	Salinity is the major factor influencing the sediment bacterial communities in a Mediterranean lagoonal complex (Amvrakikos Gulf, Ionian Sea). Marine Genomics, 2016, 28, 71-81.	0.4	22
533	Bacterial dynamics in intestines of the black tiger shrimp and the Pacific white shrimp during Vibrio harveyi exposure. Journal of Invertebrate Pathology, 2016, 133, 12-19.	1.5	182
534	Microbial Diversity and Bioactive Substances in Disease Suppressive Composts from India. Compost Science and Utilization, 2016, 24, 105-116.	1.2	25
535	Linking the Physicochemical Properties with the Abundance and Diversity of Rhizospheric Bacterial Population Inhabiting Paddy Soil Based on a Concerted Multivariate Analysis of PCR-DGGE and RISA. Geomicrobiology Journal, 2016, 33, 894-905.	1.0	12
536	Efficacy of oral <i>Bifidobacterium bifidum</i> ATCC 29521 on microflora and antioxidant in mice. Canadian Journal of Microbiology, 2016, 62, 249-262.	0.8	27
537	Structural and metabolic responses of microbial community to sewage-borne chlorpyrifos in constructed wetlands. Journal of Environmental Sciences, 2016, 44, 4-12.	3.2	6
538	Temporal and spatial variations of contaminant removal, enzyme activities, and microbial community structure in a pilot horizontal subsurface flow constructed wetland purifying industrial runoff. Environmental Science and Pollution Research, 2016, 23, 8565-8576.	2.7	30
539	Shifts of microbial communities of wheat (Triticum aestivum L.) cultivation in a closed artificial ecosystem. Applied Microbiology and Biotechnology, 2016, 100, 4085-4095.	1.7	30
540	How to Determine the Geographical Origin of Seafood?. Critical Reviews in Food Science and Nutrition, 2016, 56, 306-317.	5.4	50
541	Biochemical and molecular identification and characterization of lactic acid bacteria and yeasts isolated from Ethiopian naturally fermented buttermilk. Journal of Food Science and Technology, 2016, 53, 184-196.	1.4	14
542	Microbial diversity associated with ascidians: a review of research methods and application. Symbiosis, 2017, 71, 19-26.	1.2	20

#	Article	IF	CITATIONS
543	Contemporary nucleic acid-based molecular techniques for detection, identification, and characterization of Bifidobacterium. Critical Reviews in Food Science and Nutrition, 2017, 57, 987-1016.	5.4	11
544	Effect of live algae used as green water on survival, growth, behaviour, ontogeny and bacterial profile ofÂlobster larvae (<i>Homarus americanus</i> Milne Edwards). Aquaculture Research, 2017, 48, 581-593.	0.9	6
545	Molecular and ecological characterization of toxic cyanobacteria from the Bay of Quinte (Lake) Tj ETQq0 0 0 rgBT	Overlock	10 Tf 50 66
546	Summer microbial community composition governed by upper-ocean stratification and nutrient availability in northern Marguerite Bay, Antarctica. Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 139, 151-166.	0.6	22
547	Insights into the microbial diversity and community dynamics of Chinese traditional fermented foods from using high-throughput sequencing approaches. Journal of Zhejiang University: Science B, 2017, 18, 289-302.	1.3	36
548	Hydrocarbon and Lipid Microbiology Protocols. Springer Protocols, 2017, , .	0.1	3
549	Development of primer set for the identification of fish species in surimi products using denaturing gradient gel electrophoresis. Food Control, 2017, 79, 74-79.	2.8	3
551	Plant Cyanotoxins: Molecular Methods and Current Applications. Toxinology, 2017, , 339-360.	0.2	2
552	Effect of Substrate Conversion on Performance of Microbial Fuel Cells and Anodic Microbial Communities. Environmental Engineering Science, 2017, 34, 666-674.	0.8	17
553	Impact of NaCl reduction on lactic acid bacteria during fermentation of Nocellara del Belice table olives. Food Microbiology, 2017, 63, 239-247.	2.1	36
554	Traceability as a Key of Seafood Safety: Reassessment and Possible Applications. Reviews in Fisheries Science and Aquaculture, 2017, 25, 158-170.	5.1	52
555	Rapid detection of mutations in erm (41) and rrl associated with clarithromycin resistance in Mycobacterium abscessus complex by denaturing gradient gel electrophoresis. Journal of Microbiological Methods, 2017, 143, 87-93.	0.7	11
556	Yeasts in Aquatic Ecotone Habitats. , 2017, , 63-85.		8
557	Metagenomic Approaches in Understanding the Mechanism and Function of PGPRs: Perspectives for Sustainable Agriculture., 2017,, 163-182.		6
560	The effect of the invasive <i>Elaeagnus umbellata</i> on soil microbial communities depends on proximity of soils to plants. Ecosphere, 2017, 8, e01827.	1.0	14
561	Microalgae community shifts during the biogas upgrading in an alkaline open photobioreactor. Journal of Applied Microbiology, 2017, 123, 903-915.	1.4	15
562	Bacterial Community Composition and Genes for Herbicide Degradation in a Stormwater Wetland Collecting Herbicide Runoff. Water, Air, and Soil Pollution, 2017, 228, 1.	1.1	19
563	Spatial Distribution Characteristics of Microorganisms in Constructed Wetland System with New Matrix and Its Effect on Sewage Purification. Environmental Engineering Science, 2017, 34, 828-834.	0.8	3

#	Article	IF	CITATIONS
564	The effect of heavy metal contamination on the bacterial community structure at Jiaozhou Bay, China. Brazilian Journal of Microbiology, 2017, 48, 71-78.	0.8	44
565	Hazardous Pollutants in Biological Treatment Systems: Fundamentals and a Guide to Experimental Research. Water Intelligence Online, 2017, 16, 9781780407715.	0.3	1
566	Genetic Polymorphism in Wine Yeasts: Mechanisms and Methods for Its Detection. Frontiers in Microbiology, 2017, 8, 806.	1.5	49
567	Cross-Reactivity of Prokaryotic 16S rDNA-Specific Primers to Eukaryotic DNA: Mistaken Microbial Community Profiling in Environmental Samples. Current Microbiology, 2018, 75, 1038-1045.	1.0	2
568	An innovative oligonucleotide microarray to detect spoilage microorganisms in wine. Food Control, 2018, 87, 169-179.	2.8	11
570	Effect of sea buckthorn protein on the intestinal microbial community in streptozotocin-induced diabetic mice. International Journal of Biological Macromolecules, 2018, 107, 1168-1174.	3.6	20
571	Molecular Biology Techniques Applied to the Study of Microbial Diversity of Wastewater Treatment Systems., 2018,, 205-299.		5
572	Application of Denaturing Gradient Gel Electrophoresis to the Analysis of Bacterial Communities Associated With Asymptomatic and Symptomatic Pericoronitis. Journal of Oral and Maxillofacial Surgery, 2018, 76, 483-489.	0.5	35
573	A Microbial Analysis Primer for Biogeochemists. , 2018, , 599-609.		3
574	A Review on the Bioremediation of Petroleum Hydrocarbons: Current State of the Art., 2018,, 643-667.		6
575	Molecular biological tools in concrete biodeterioration $\hat{a} \in \hat{a}$ a mini review. Environmental Technology Reviews, 2018, 7, 262-273.	2.1	0
576	Effects of <i>Stigeoclonium nanum</i> , a freshwater periphytic microalga on water quality in a small-scale recirculating aquaculture system. Aquaculture Research, 2018, 49, 3529-3540.	0.9	9
577	An array-based melt curve analysis method for the identification and classification of closely related pathogen strains. Biology Methods and Protocols, 2018, 3, bpy005.	1.0	0
578	Functional Nucleic Acid Based Biosensor for Microorganism Detection., 2018, , 15-79.		0
580	Molecular characterization of alterations in the intestinal microbiota of patients with grade 3 hypertension. International Journal of Molecular Medicine, 2019, 44, 513-522.	1.8	30
581	Molecular Microbial Biodiversity Assessment in the Mycorrhizosphere. , 2019, , 401-420.		3
582	Phylogenetic Techniques in Geomicrobiology. , 2019, , 360-404.		0
584	Molecular Detection of Mycotoxigenic Fungi in Foods: The Case for Using PCR-DGGE. Food Biotechnology, 2019, 33, 54-108.	0.6	34

#	Article	IF	CITATIONS
585	Tracing insect pests: is there new potential in molecular techniques?. Insect Molecular Biology, 2019, 28, 759-772.	1.0	16
586	Bioprospection of marine actinomycetes: recent advances, challenges and future perspectives. Acta Oceanologica Sinica, 2019, 38, 1-17.	0.4	17
587	Potential geo-tracing tool for migrant insects by using 16S rDNA fingerprinting of bacterial communities by PCR-DGGE. International Journal of Tropical Insect Science, 2019, 39, 9-16.	0.4	11
588	A 16S rDNA PCR-based theoretical to actual delta approach on culturable mock communities revealed severe losses of diversity information. BMC Microbiology, 2019, 19, 74.	1.3	50
589	Microbial biofilm formation and degradation of octocrylene, a UV absorber found in sunscreen. Communications Biology, 2019, 2, 430.	2.0	12
590	Molecular Tools to Analyze Microbial Populations in Red Wines. , 2019, , 115-123.		1
591	Bioinformatics tools to assess metagenomic data for applied microbiology. Applied Microbiology and Biotechnology, 2019, 103, 69-82.	1.7	43
592	Preferential flow pathways in paddy rice soils as hot spots for nutrient cycling. Geoderma, 2019, 337, 594-606.	2.3	26
593	Storing of exoelectrogenic anolyte for efficient microbial fuel cell recovery. Environmental Technology (United Kingdom), 2019, 40, 1467-1475.	1.2	5
594	Methods for Exploring Soil Microbial Diversity. SpringerBriefs in Environmental Science, 2020, , 23-32.	0.3	9
595	Unravelling the Soil Microbiome. SpringerBriefs in Environmental Science, 2020, , .	0.3	9
596	Acid Mine Drainage as Habitats for Distinct Microbiomes: Current Knowledge in the Era of Molecular and Omic Technologies. Current Microbiology, 2020, 77, 657-674.	1.0	17
597	Microalgae to Biogas: Microbiological Communities Involved. , 2020, , 227-249.		3
598	Application of Metagenomics to Chilean Aquaculture. , 0, , .		6
599	Community-level genetic profiles of actinomycetales in long-term biowaste-amended soils. Archives of Microbiology, 2020, 202, 2607-2617.	1.0	7
601	Molecular typing tools for identifying and characterizing lactic acid bacteria: a review. Food Science and Biotechnology, 2020, 29, 1301-1318.	1.2	43
602	Computational analysis of successional changes in the microbial population and community diversity of the immobilized marine nitrifying bacterial consortium in a nitrifying packed bed bioreactor. 3 Biotech, 2020, 10, 524.	1.1	2
603	Cyanobacterial diversity: molecular insights under multifarious environmental conditions. , 2020, , 17-33.		1

#	Article	IF	Citations
604	Digital PCR as an Emerging Tool for Monitoring of Microbial Biodegradation. Molecules, 2020, 25, 706.	1.7	31
605	Genomics in understanding bioremediation of inorganic pollutants. , 2021, , 397-410.		1
606	Metagenomics: A Possible Solution for Uncovering the "Mystery Box―of Microbial Communities Involved in the Treatment of Wastewater. , 2021, , 41-53.		0
607	Molecular Tools: Advance Approaches to Analyze Diversity of Microbial Community., 2021,, 507-520.		2
608	Food authentication: Introduction, techniques, and prospects. , 2021, , 1-34.		5
609	Assessment of microbial structure and functions in coastal sediments. , 2021, , 167-185.		3
610	What drives studyâ€dependent differences in distance–decay relationships of microbial communities?. Global Ecology and Biogeography, 2021, 30, 811-825.	2.7	40
611	Highâ€rate ethanol production at low pH using the anaerobic granular sludge process. Biotechnology and Bioengineering, 2021, 118, 1943-1950.	1.7	8
612	Biodiversity of prokaryotic microorganisms in whey tofu from Lembang, Sumedang and Garut West Java. Journal of Physics: Conference Series, 2021, 1869, 012014.	0.3	0
613	Application of laboratory methods for understanding fish responses to black soldier fly (Hermetia) Tj ETQq1 1	0.784314 rg 2.1	BT/Overlock
614	Diversity of reductive dechlorinating bacteria and archaea in herbicide/dioxin-contaminated soils from Bien Hoa airbase using metagenomic approach. Tap Chi Cong Nghe Sinh Hoc, 2021, 18, 773-784.	0.0	1
615	Genomic Techniques Used to Investigate the Human Gut Microbiota. Biochemistry, 0, , .	0.8	3
616	Application of Omics Tools for Microbial Community Structure and Function Analysis., 2021,, 433-456.		1
618	Library-Independent Bacterial Source Tracking Methods. , 2011, , 61-112.		25
619	Application of Blocking Oligonucleotides to Improve Signal-to-Noise Ratio in a PCR. Methods in Molecular Biology, 2011, 687, 265-274.	0.4	64
620	Assessing Fungal Biodiversity Using Molecular Markers. Fungal Biology, 2017, , 305-333.	0.3	6
621	Medicinal Plants: Ethno-Uses to Biotechnology Era. , 2017, , 1-38.		3
622	Functional Marker Gene Assays for Hydrocarbon Degrading Microbial Communities: Aerobic. , 2010, , 4289-4312.		2

#	Article	IF	CITATIONS
623	Nucleic Acid-Based Techniques for Analyzing the Diversity, Structure, and Function of Microbial Communities in Marine Waters and Sediments. , 2002, , 419-438.		3
624	Biochemical methane potential assays and anaerobic digester bioaugmentation using freeze dried biomass. Environmental Science: Water Research and Technology, 2017, 3, 1152-1161.	1.2	4
625	Broad-range PCR-TTGE for the first-line detection of bacterial pathogen DNA in ticks. Veterinary Research, 2006, 37, 245-253.	1.1	14
626	The Neonatal Intestinal Microbial Flora, Immunity, and Infections. , 0, , 61-100.		11
629	Fungal Communities of Seaweeds. Mycology, 2005, , 533-579.	0.5	33
630	Evaluation and Characterization of Soil Microbiological Processes. , 2004, , 559-584.		1
631	Methods of Characterizing and Fingerprinting Soils for Forensic Application. , 2008, , 271-315.		7
632	Old Targets, New Weapons. , 2014, , 277-312.		1
633	Denaturing Gradient Gel Electrophoresis Analyses of Microbial Community from Field-Scale Composter Journal of Bioscience and Bioengineering, 2001, 91, 159-165.	1.1	58
634	Analyses of Microbial Community within a Composter Operated Using Household Garbage with Special Reference to the Addition of Soybean Oil Journal of Bioscience and Bioengineering, 2001, 91, 456-461.	1.1	18
635	Bacterial Population in Intestines of the Black Tiger Shrimp (Penaeus monodon) under Different Growth Stages. PLoS ONE, 2013, 8, e60802.	1.1	130
636	Algae as Reservoirs for Coral Pathogens. PLoS ONE, 2013, 8, e69717.	1.1	77
637	ANALYSIS OF CYANOBACTERIAL DIVERSITY OF SOME HOT SPRINGS IN AFYONKARAHISAR, TURKEY. Applied Ecology and Environmental Research, 2016, 14, 463-484.	0.2	5
638	Rumen microbial diversity under influence of a polyclonal antibody preparation against lactate-producing and proteolytic bacteria in cows fed different energy sources. Revista Brasileira De Saude E Producao Animal, 2012, 13, 491-502.	0.3	3
639	New Strategies for Tracing Foodstuffs: Biological Barcodes Utilising PCR-DGGE. Advanced in Food Technology and Nutritional Sciences - Open Journal, 2015, SE, S1-S7.	0.9	12
640	Application of molecular techniques for the assessment of microorganism diversity on cultural heritage objects Acta Biochimica Polonica, 2014, 61, .	0.3	46
642	Genetic Diversity of Diazotrophs Nodulating Pigeon Pea in Arid and Semi-Arid Zones of Haryana, India. International Journal of Current Microbiology and Applied Sciences, 2018, 7, 3447-3467.	0.0	3
643	GENETIC DIFFERENTIATION METHODS OF MICROORGANISMS IN THE SOIL - PLANT SYSTEM. Postepy Mikrobiologii, 2019, 56, 341-352.	0.1	3

#	Article	IF	CITATIONS
644	Bacterial 16S rRNA/rDNA Profiling in the Liquid Phase of Human Saliva. Open Dentistry Journal, 2009, 3, 80-84.	0.2	11
645	Presence of previously undescribed bacterial taxa in non-axenic Chlorella cultures. Journal of General and Applied Microbiology, 2008, 54, 187-193.	0.4	20
646	Triphasic approach to assessment of bacterial population in different soil systems. Ekologija (Vilnius,) Tj ETQq0 0	0 rgBT /O	verlock 10 Tf
647	Connecting the blooms: tracking and establishing the origin of the record-breaking Lake Erie Microcystis bloom of 2011 using DGGE. Aquatic Microbial Ecology, 2014, 73, 29-39.	0.9	17
648	Composition and population dynamics of planktonic bacteria and bacterivorous flagellates in seawater chemostat cultures. Aquatic Microbial Ecology, 2003, 32, 11-22.	0.9	41
649	Patterns of extracellular enzyme activities among pelagic marine microbial communities: implications for cycling of dissolved organic carbon. Aquatic Microbial Ecology, 2005, 38, 135-145.	0.9	78
650	Effect of phytoplankton bloom deposition on benthic bacterial communities in two contrasting sediments in the southern North Sea. Aquatic Microbial Ecology, 2007, 48, 241-254.	0.9	53
651	Population dynamics and diversity of phytoplankton, bacteria and viruses in a seawater enclosure. Marine Ecology - Progress Series, 2001, 221, 47-57.	0.9	125
652	Dynamics and Diversity of Bacterial Communities of Fermented Weaning Foods via Denaturing Gradient Gel Electrophoresis PCR-DGGE. Research Journal of Microbiology, 2008, 3, 630-640.	0.2	3
653	Application of Genomics and Proteomics in Bioremediation. Advances in Environmental Engineering and Green Technologies Book Series, 2016, , 97-112.	0.3	8
654	Insight of Proteomics and Genomics in Environmental Bioremediation. Advances in Environmental Engineering and Green Technologies Book Series, 2017, , 46-69.	0.3	3
655	Methods for Analyzing Diversity of Microbial Communities in Natural Environments. Ceylon Journal of Science (Biological Sciences), 2013, 42, 19-33.	0.2	80
656	Molecular and Chemical Analyses of Cyanobacterial Blooms in Tropical Lagoons from Southeast Brazil. Journal of Water Resource and Protection, 2015, 07, 50-71.	0.3	2
657	Analysis of the Bacterial Communities in Lime Concretion Black Soil upon the Incorporation of Crop Residues. Open Journal of Soil Science, 2012, 02, 312-319.	0.3	3
659	Cyanobacterial Taxonomy: Current Problems and Prospects for the Integration of Traditional and Molecular Approaches. Algae, 2006, 21, 349-375.	0.9	132
660	16S Ribosomal RNA-Based Analysis of Thermophilic Bacteria in Gedongsongo Hot Spring. Microbiology Indonesia, 2007, 1, 37-42.	0.2	3
661	Soil microbial community analysis in the environmental risk assessment of transgenic plants. Plant Biotechnology, 2006, 23, 137-151.	0.5	16
662	Comparative Analysis of Denaturing Gradient Gel Electrophoresis and Temporal Temperature Gradient Gel Electrophoresis Profiles as a Tool for the Differentiation of Candida Species. Jundishapur Journal of Microbiology, 2015, 8, e22249.	0.2	5

#	ARTICLE	IF	CITATIONS
663	Influences of Addition of Jellyfish Powder to Bed Soil and Bacterial Community Structure of Bed Soil. Han'guk T'oyang Piryo Hakhoe Chi Han'guk T'oyang Piryo Hakhoe, 2012, 45, 227-234.	0.1	2
664	An Overview of Different Techniques on the Microbial Community Structure, and Functional Diversity of Plant Growth Promoting Bacteria. Han'guk T'oyang Piryo Hakhoe Chi Han'guk T'oyang Piryo Hakhoe, 2016, 49, 144-156.	0.1	2
665	Diversity of Vaginal Lactic Acid Bacterial Microbiota in 15 Algerian Pregnant Women with and without Bacterial Vaginosis by using Culture Independent Method. Journal of Clinical and Diagnostic Research JCDR, 2016, 10, DC23-DC27.	0.8	8
666	Application of Molecular Microbiology Techniques in Bioremediation of Hydrocarbons and Other Pollutants. British Biotechnology Journal, 2013, 3, 90-115.	0.4	8
667	The Milk Borne Pathogens of Raw Milk from Some Egyptian Farms in Different Seasons. British Microbiology Research Journal, 2014, 4, 317-327.	0.2	1
672	Analysing gut microbiota. , 2004, , 325-348.		0
673	Evaluation and Characterization of Soil Microbiological Processes. , 2004, , 595-620.		0
674	Molecular-Based Methods Directed toward Probiotics. , 2005, , 191-206.		0
675	Yeast and bacteria analysis of grape, wine and cellar equipments by PCR-DGGE. Oeno One, 2016, 41, 51.	0.7	5
676	Bacterial Community Analyses by Denaturing Gradient Gel Electrophoresis. , 2007, , .		0
677	Diversity of Marine Microbes by PCR-DGGE. Han'guk Susan Hakhoe Chi = Bulletin of the Korean Fisheries Society, 2007, 40, 356-361.	0.1	1
679	The Environment and the Tools in Rhizo- and Bioremediation of Contaminated Soil. Soil Biology, 2009, , 315-338.	0.6	0
680	Disinfection and its influence on the ecology of biofilms in drinking water distribution systems. , 2009, , 109-131.		0
681	Studying the In Situ Role of Protistan Communities in Hydrocarbon Contaminated Water Samples via Community Profiling and CARD-FISH., 2010,, 3883-3904.		0
682	Microscope methods for observation of the phylloplane flora. New Zealand Plant Protection, 0, 63, 15-23.	0.3	0
683	Microbial Diversity of Guantao-3 Member of Zhongyi Block, Gudao Oil Field in China*. Ying Yong Yu Huan Jing Sheng Wu Xue Bao = Chinese Journal of Applied and Environmental Biology, 2010, 16, 415-419.	0.1	0
684	Microbial Flora., 2010,, 781-798.		0
685	Molecular Approaches for the Analysis of Natural Attenuation and Bioremediation. , 2011, , 107-118.		0

#	Article	IF	CITATIONS
686	Protease Activities in Tideland Sediments: their Distributions and Correlation to Organic Compounds. Journal of Environmental Chemistry, 2011, 21, 129-134.	0.1	0
687	MICROBIAL COMMUNITY DURING BIOREMEDIATION EXPERIMENTAL ON OIL SPILL IN COASTAL OF PARI ISLAND. Jurnal Ilmu Dan Teknologi Kelautan Tropis, 2014, 3, .	0.1	O
688	Examination and Comparison of Microbial Diversity in Field-Scale Sewage Sludge Composters. , 0, , .		1
689	Molecular Diagnosis of Prosthetic Joint Infection. , 2012, , 193-211.		1
691	Municipal Wastewater Treatment and Microbial Diversity Analysis of Microalgal Mini Raceway Open Pond. Korean Journal of Microbiology, 2012, 48, 192-199.	0.2	6
692	Enrichment of nitrous oxide reducing bacteria from coastal marsh sediments. Open Journal of Ecology, 2013, 03, 296-300.	0.4	0
693	Bacterial Community Structure Shift Driven by Salinity: Analysis of DGGE Band Patterns from Freshwater to Seawater of Hyeongsan River, Korea. Journal of Life Science, 2013, 23, 406-414.	0.2	1
694	Molecular Microecological Techniques. Advanced Topics in Science and Technology in China, 2014, , 153-188.	0.0	1
695	Actinobacterial Diversity and Dynamics as Revealed by Denaturing Gradient Gel Electrophoresis. , 2015, , 103-136.		1
696	MOLECULAR IDENTIFICATION OF YEAST OF THE PULQUE BY PCR-DGGE, A TRADITIONAL MEXICANBEVERAGE. International Journal of Research -GRANTHAALAYAH, 2015, 3, 1-15.	0.1	1
697	Benefits of High Resolution Melting Analysis for Rapid Detection and Genotyping of Selected Protozoal and Fungal Parasites. Journal of Dairy Veterinary & Animal Research, 2015, 2, .	0.3	0
698	Phylogenetic characterization of bacterial populations in different layers of oak forest soil. Korean Journal of Microbiology, 2015, 51, 133-140.	0.2	2
699	Molecular diversity of berseem (<italic>Trifolium alexandrinum</italic> L.) rhizobia isolated from Haryana soil. Legume Research, 2015, , .	0.0	0
700	Plant Cyanotoxins: Molecular Methods and Current Applications. , 2016, , 1-23.		0
701	PCR and DGGE Detection Limits for Wine Spoilage Microbes. South African Journal of Enology and Viticulture, 2016, 31, .	0.8	0
702	Development of a Polymerase Chain Reaction-Temporal Temperature Gradient Gel Electrophoresis Assay for Identification of Salmonella enterica Subspecies enterica Using a Hypothetical Non-specific Endonucleas S. entericae Gene Sequence. Jundishapur Journal of Microbiology, 2017, In press, .	0.2	0
703	Chapter 14. Soil Microbial Community and Their Population Dynamics: Altered Agricultural Practices., 2017,, 383-416.		0
704	Application of Molecular and Sequencing Techniques in Analysis of Microbial Diversity in Agroecosystem. , 2019, , 21-44.		0

#	Article	IF	CITATIONS
705	Microbial Genome Diversity and Microbial Genome Sequencing., 2019, , 175-201.		0
706	Insights into the Unidentified Microbiome: Current Approaches and Implications. , 2019, , 93-130.		1
707	Microbial biotechnology for sustainable biomedicine systems: Current research and future challenges., 2020,, 281-292.		2
708	Marine Actinobacteria: New Horizons in Bioremediation. Environmental and Microbial Biotechnology, 2021, , 425-449.	0.4	6
709	Application of metagenomics in remediation of contaminated sites and environmental restoration., 2020, , 197-232.		17
710	Microbial Indicator of Soil Health: Conventional to Modern Approaches. Microorganisms for Sustainability, 2020, , 213-233.	0.4	3
711	Linking Genetics, Physiology and Ecology: An Interdisciplinary Approach for Advancing Bioremediation Journal of Bioscience and Bioengineering, 2002, 94, 557-562.	1.1	1
712	Effect of Soybean Monoculture on the Bacterial Communities Associated with Cysts of Heterodera glycines. Journal of Nematology, 2013, 45, 228-35.	0.4	37
713	Importance of in food safety: a review of its prevalence, detection, and antibiotic resistance. Iranian Journal of Veterinary Research, 2019, 20, 241-254.	0.4	25
714	The use of molecular tools to characterize functional microbial communities in contaminated areas. , 2022, , 55-68.		2
715	Induction of plant defense response by endophytic microorganisms., 2022,, 89-115.		2
716	Nanosensors for microbial detection in soil. , 2022, , 367-400.		1
717	Molecular tools for the analysis of the microbiota involved in malolactic fermentation: from microbial diversity to selection of lactic acid bacteria of enological interest. World Journal of Microbiology and Biotechnology, 2022, 38, 19.	1.7	1
718	Application of Nanodiamonds in Modelled Bioremediation of Phenol Pollution in River Sediments. Processes, 2022, 10, 602.	1.3	2
726	Analysis of Microbial Diversity and Amino Acids of Korean-Chungtaejeon and Japanese-Goishicha. Journal of the Korean Society of Food Science and Nutrition, 2022, 51, 483-492.	0.2	0
727	PCR based fingerprinting techniques to transpire the microbial populations diversity of biofilm based nitrifying packed bed bioreactor in the bioremediation of aquaculture wastewater., 2022, 2, .		1
728	The avian gut microbiota: Diversity, influencing factors, and future directions. Frontiers in Microbiology, 0, 13 , .	1.5	20
729	Lactobacillus acidophilus CGMCC 878 impacts colorectal cancer in Sprague-Dawley rats through changing the gut microbiota. Medicine in Microecology, 2022, 14, 100062.	0.7	3

#	ARTICLE	IF	CITATIONS
730	Traditional Preparation Processes and Microbiological Characteristics of Fermented Mare's Milk "Airag―in Mongolia. Journal of the Brewing Society of Japan, 2017, 112, 223-233.	0.1	0
731	Coastal Sediments of La Paz Bay BCS: Bacteria Reserve with Biotechnological Potential. , 2023, , 221-246.		0
732	In situ techniques to study noncultivable microbial symbionts. , 2023, , 765-785.		0
733	Other Sources of Sugar. , 2012, , 323-539.		0
735	Experimental Study on the Effects of Polymers on Soil Microorganisms Based on High-Throughput Sequencing Technology. Springer Series in Geomechanics and Geoengineering, 2023, , 4663-4674.	0.0	0
737	Application of Cutting-Edge Molecular Biotechnological Tools in Microbial Bioprocessing. , 2023, , 77-100.		0