

Simple, rapid method for direct isolation of nucleic acid

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Detection of genetically engineered traits among bacteria in the environment. Trends in Biotechnology, 1990, 8, 329-335.	4.9	18
2	Catabolic plasmids of environmental and ecological significance. Microbial Ecology, 1990, 19, 1-20.	1.4	193
3	Extraction of ribosomal RNA from soil for detection of Frankia with oligonucleotide probes. Archives of Microbiology, 1990, 154, 329-335.	1.0	74
4	Environmental Application of Nucleic Acid Hybridization. Annual Review of Microbiology, 1990, 44, 625-648.	2.9	202
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7	Molecular Biology in Studies of Ocean Processes. International Review of Cytology, 1991, , 261-303.	6.2	23
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18	Prevalence of nptII and Tn5 in kanamycin-resistant bacteria from different environments. FEMS Microbiology Ecology, 1993, 13, 47-58.	1.3	68

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20	The Biotechnological Importance of Molecular Biodiversity Studies for Metal Bioleaching. , 1994, , 259-273.		11
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23	Purification of DNA from estuarine sediments. <i>Journal of Microbiological Methods</i> , 1994, 20, 161-174.	0.7	41
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74	Selective Phylogenetic Analysis Targeting 16S rRNA Genes of Hyperthermophilic Archaea in the Deep-Subsurface Hot Biosphere. <i>Applied and Environmental Microbiology</i> , 2007, 73, 2110-2117.	1.4	37
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78	Stable-isotope probing implicates <i>Methylophaga</i> spp and novel <i>Gammaproteobacteria</i> in marine methanol and methylamine metabolism. <i>ISME Journal</i> , 2007, 1, 480-491.	4.4	177
79	Novel and diverse integron integrase genes and integron-like gene cassettes are prevalent in deep-sea hydrothermal vents. <i>Environmental Microbiology</i> , 2007, 9, 2298-2312.	1.8	64
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84	Bacterial communities of the marine sponges <i>Hymeniacidon heliophila</i> and <i>Polymastia janeirensis</i> and their environment in Rio de Janeiro, Brazil. <i>Marine Biology</i> , 2008, 155, 135-146.	0.7	25
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87	Molecular identification of fecal pollution sources in water supplies by host-specific fecal DNA markers and Terminal Restriction Fragment Length Polymorphism profiles of 16S rRNA gene. <i>Journal of Microbiology</i> , 2008, 46, 599-607.	1.3	4
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115	Search for a <i>Methanopyrus</i> -proximal last universal common ancestor based on comparative-genomic analysis. <i>Annals of Microbiology</i> , 2011, 61, 397-401.	1.1	2
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122	Comparative genomics of methylated amine utilization by marine <i>Roseobacter</i> clade bacteria and development of functional gene markers ( <i>tmm</i> , <i>gmaS</i> ). <i>Environmental Microbiology</i> , 2012, 14, 2308-2322.	1.8	77
123	Sample preparation methods for quantitative detection of DNA by molecular assays and marine biosensors. <i>Marine Pollution Bulletin</i> , 2013, 73, 47-56.	2.3	15
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125	Characterization of the Bacterial Community of the Chemically Defended Hawaiian Sacoglossan <i>Elysia rufescens</i> . <i>Applied and Environmental Microbiology</i> , 2013, 79, 7073-7081.	1.4	37
126	Prokaryotes and Their Habitats. , 2013, , 39-80.		2
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129	A Metagenomics Transect into the Deepest Point of the Baltic Sea Reveals Clear Stratification of Microbial Functional Capacities. <i>PLoS ONE</i> , 2013, 8, e74983.	1.1	48
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141	Detection of resistance genes and evaluation of water quality at zoo lakes in Brazil. <i>Ciencia Rural</i> , 2016, 46, 860-866.	0.3	7
142	Regional Variation of CH <sub>4</sub> and N <sub>2</sub> Production Processes in the Deep Aquifers of an Accretionary Prism. <i>Microbes and Environments</i> , 2016, 31, 329-338.	0.7	18
143	Prokaryotic Community Characterization in a Mesothermic and Water-Flooded Oil Reservoir in Colombia. <i>Geomicrobiology Journal</i> , 2016, 33, 110-117.	1.0	10
144	Species area relationship (SAR) for benthic diatoms: a study on aquatic islands. <i>Hydrobiologia</i> , 2016, 764, 91-102.	1.0	22
145	Application of high-throughput sequencing (HTS) metabarcoding to diatom biomonitoring: Do DNA extraction methods matter?. <i>Freshwater Science</i> , 2017, 36, 162-177.	0.9	91

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149	Magnetofection and isolation of DNA using polyethyleneimine functionalized magnetic iron oxide nanoparticles. <i>Royal Society Open Science</i> , 2018, 5, 181369.	1.1	16
150	Tracking the direct impact of rainfall on groundwater at Mt. Fuji by multiple analyses including microbial DNA. <i>Biogeosciences</i> , 2018, 15, 721-732.	1.3	28
151	Picoplankton Carbon Biomass Assessments and Distribution of <i>Prochlorococcus</i> Ecotypes Linked to Loop Current Eddies During Summer in the Southern Gulf of Mexico. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 8342-8359.	1.0	20
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