1. Record Nr. UNICAMPANIASUN0062760

Titolo	Italienische malerei / [Bearb., Rolf Kultzen]
Pubbl/distr/stampa	144, [80] p. : 126 ill. ; 19 cm
ISBN	37-654-1607-X
Edizione	[München : Bruckmann, 1975]
Descrizione fisica	In testa al front.: Alte Pinakothek Munchen.
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910810917703321

Titolo	Handbook of molecular microbial ecology II : metagenomics in different habitats / / edited by Frans J. de Bruijn
Pubbl/distr/stampa	Hoboken, N.J., : Wiley-Blackwell, c2011
ISBN	9786613175601 9781118010525 1118010523 9781118010549 111801054X 9781283175609 1283175606 9781118010532 1118010531
Edizione	[1st ed.]
Descrizione fisica	xx, 609 p. : ill. (some col.), maps (some col.)
Altri autori (Persone)	BruijnF. J. de (Frans J. de)
Disciplina	572.8/629
Soggetti	Microbial genomics Microbiology - Methodology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. 1. Viral genomes -- pt. 2. The soil habitat -- pt. 3. The digestive tract -- pt. 4. Marines and lakes -- pt. 5. Other habitats -- pt. 6. Biodegradation -- pt. 7. Biocatalysts and natural products -- pt. 8. Summary.
Sommario/riassunto	The premiere two-volume reference on revelations from studying complex microbial communities in many distinct habitats Metagenomics is an emerging field that has changed the way microbiologists study microorganisms. It involves the genomic analysis of microorganisms by extraction and cloning of DNA from a group of microorganisms, or the direct use of the purified DNA or RNA for sequencing, which allows scientists to bypass the usual protocol of isolating and culturing individual microbial species. This method is now used in laboratories across the globe to study microorganism diversity and for isolating novel medical and industrial compounds. Handbook of Molecular Microbial Ecology is the first comprehensive two-volume reference to cover unculturable microorganisms in a large variety of habitats, which could not previously have been analyzed without metagenomic methodology. It features review articles as well as a large number of case studies, based largely on original publications and written by international experts. This second volume, Metagenomics in Different Habitats, covers such topics as: * Viral genomes * Metagenomics studies in a variety of habitats, including marine environments and lakes, soil, and human and animal digestive tracts * Other habitats, including those involving microbiome diversity in human saliva and functional intestinal metagenomics; diversity of archaea in terrestrial hot springs; and microbial communities living at the surface of building stones * Biodegradation * Biocatalysts and natural products A special feature of this book is the highlighting of the databases and computer programs used in each study; they are listed along with their sites in order to facilitate the computer-assisted analysis of the vast amount of data generated by metagenomic studies. Such studies in a variety of habitats are described here, which present a large number of different system-dependent approaches in greatly differing habitats. Handbook of Molecular Microbial Ecology II is an invaluable reference for researchers in metagenomics, microbial ecology, microbiology, and environmental microbiology; those working on the Human Microbiome Project; microbial geneticists; and professionals in molecular microbiology and bioinformatics.