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Descrizione fisica	1 online resource (785 p.)
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Altri autori (Persone)	BruijnF. J. de (Frans J. de)
Disciplina	576
Soggetti	Molecular microbiology Microbial ecology
Lingua di pubblicazione	Inglese
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. 1. Background chapters -- pt. 2. The species concept -- pt. 3. Metagenomics -- pt. 4. Consortia and databases -- pt. 5. Computer-assisted analysis -- pt. 6. Complementary approaches -- pt. 6a. Microarrays -- pt. 6b. Metatranscriptomics -- pt. 6c. Metaproteomics -- pt. 6d. Metabolomics -- pt. 6e. Single-cell analysis.
Sommario/riassunto	"Handbook of Molecular Microbial Ecology I: Metagenomics and Complementary Approaches is the first comprehensive reference covering the various metagenomics in a large variety of habitats, which could not previously have been analysed without metagenomic methodology. This Volume includes topics such as species designations in microbiology, metagenomics, consortia and databases, bioinformatics, microarrays, and other metagenomics applications. This reference is ideal for researchers in metagenomics, microbiology, environmental microbiology, those working on the Human Microbiome Project, microbial geneticists, molecular microbiology, and bioinformatics"-- "Metagenomics has revolutionized microbiology and many associated health and environmental fields. This is the first comprehensive treatise

covering the various omics in a large variety of habitats, which could not previously have been analysed without metagenomic methodology. This is a reference work for people in the field and those who would like to enter it"--

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