

1. Record Nr.	UNINA9910422648903321
Titolo	Metagenomics : techniques, applications, challenges and opportunities // Reena Singh Chopra, Chirag Chopra, Neeta Raj Sharma, editors
Pubbl/distr/stampa	Singapore : , : Springer, , [2020] ©2020
ISBN	981-15-6529-5
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (VIII, 227 p. 35 illus., 27 illus. in color.)
Disciplina	572.8629
Soggetti	Microbial genomics Microbiology Gene expression
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part 1. Introduction to Metagenomics -- Chapter 1. The New Science of Metagenomics: Revealing the Secrets of Microbial Physiology -- Chapter 2. The Coming Together of Sciences: Metagenomics for Microbial Biochemistry -- Part 2. Applications of Metagenomics -- Chapter 3. Metagenomic DNA sequencing: Technological Advances and Applications -- Chapter 4. Environmental Microbial Forensics- How Hidden is the Truth? -- Chapter 5. Metagenomics Analyses: A Qualitative Assessment Tool for Applications in Forensic Sciences -- Chapter 6. Realizing Bioremediation Through Metagenomics- A Technical Review -- Chapter 7. Metagenomics and Enzymes: The Novelty Perspective -- Chapter 8. Metagenomics and Drug-Discovery -- Chapter 9. Epidemiological Perspectives of Human Health through -- Metagenomic Research -- Chapter 10. Metagenomic Applications of Wastewater Treatment -- Chapter 11. Metagenomics in Agriculture: State-of-the-art -- Chapter 12. The Skin Metagenomes: Insights into Involvement of Microbes in Diseases -- Chapter 13. Computational Metagenomics: State-of-the-art, Facts and Artifacts.
Sommario/riassunto	This book summarizes the various areas of research in metagenomics and their potential applications in medicine, the environment and biotechnology. The book presents the recent advances in theoretical,

methodological and applied aspects of metagenomics and highlights their applications in the fields of environmental microbial forensics, bioremediation, drug-discovery and agriculture. In addition, the book discusses various metagenomics approaches used for understanding the microbial physiology and biochemistry. Lastly the book describes a range of bioinformatics tools and computational methods for metagenomics analysis as well as the functional diversity and dynamics of microbial communities colonizing the human skin.

2. Record Nr.	UNISANNIOMIL0356324
Autore	Moran, Michael J.
Titolo	Fundamentals of engineering thermodynamics / Michael J. Moran, Howard N. Shapiro
Pubbl/distr/stampa	New York [etc.], : Wiley, 1995
ISBN	0471076813
Edizione	[3. ed]
Descrizione fisica	XIV, 859 p. ; 26 cm.
Altri autori (Persone)	Shapiro, Howard N.
Disciplina	621.402 621.4021
Soggetti	Termodinamica applicata
Collocazione	SALA DING 621.402 MOR.fu
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia