

1. Record Nr.	UNISA996210136403316
Titolo	2011 Eighth International Conference on Wireless on-Demand Network Systems and Services
Pubbl/distr/stampa	[Place of publication not identified], : I E E E, 2011
ISBN	1-61284-188-0
Descrizione fisica	1 online resource : illustrations some color
Disciplina	004.165
Soggetti	Mobile computing Wireless communication systems Wireless LANs
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph

2. Record Nr.	UNINA9910544875803321
Titolo	Actinobacteria : Ecology, Diversity, Classification and Extensive Applications // edited by Jayachandra S. Yaradoddi, Merja Hannele Kontro, Sharanabasava V. Ganachari
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2021
ISBN	981-16-3353-3
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (330 pages)
Collana	Rhizosphere Biology, , 2523-8450
Disciplina	564.53
Soggetti	Microbiology Microbial ecology Microbial genetics Biodiversity Biotechnology Microbial Ecology Microbial Genetics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Microbial Ecology -- Chapter 2. Actinobacteria in Marine environments -- Chapter 3. Terrestrial Ecology of Actinobacteria -- Chapter 4. Extremophilic Actinobacteria -- Chapter 5. Actinobacteria: Basic adaptation to the harsh environments -- Chapter 6. Diversity and classification of Streptomyces -- Chapter 7. Diversity and classification of rare Actinomycetes -- Chapter 8. Identification of Novel Actinomycetes -- Chapter 9. Screening of Novel Metabolites from Actinobacteria -- Chapter 10. Scope of Actinobacteria in Bioengineering -- Chapter 11. Recent trends of Actinomycetes in Nanotechnology -- Chapter 12. Actinomycetes in agriculture and forestry -- Chapter 13. Role of Actinomycetes in Biodegradation of Pesticides -- Chapter 14. Actinomycetes in Environmental applications -- Chapter 15. Biotechnological importance of actinomycetes -- Chapter 16. Actinomycetes in medical and pharmaceutical industries.
Sommario/riassunto	Through this book, the readers will learn about the different aspects of Actinobacteria- beginning with its ecology and occurrence, to the ways

of its adaptation to harsh climates, and finally to its practical applications. The book also presents methods of identifying and characterizing this diverse group of bacteria through advanced techniques like MALDI-TOF, 16S rRNA analysis, etc. Different chapters describe the various biotechnological applications of Actinobacteria, including bioremediation, secondary metabolite production, and in producing antibiotics, anti-cancer therapeutics. It also provides insights into the applications in agriculture and forestry by inhibiting plant pathogenic bacteria's growth. .

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