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| Soggetti | Plant breeding<br>Enzymology<br>Biodiversity<br>Microbiology<br>Botanical chemistry<br>Plant Breeding/Biotechnology<br>Applied Microbiology<br>Plant Biochemistry |
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| Nota di bibliografia | Includes bibliographical references at the end of each chapters. |
| Nota di contenuto | Part 1. Enzymes -- Chapter 1. Enzymes for Bioenergy -- Chapter 2. Therapeutic Enzymes -- Chapter 3. Enzymes for Bioremediation and Biocontrol -- Chapter 4. Enzymes as Molecular Tools -- Chapter 5. Biotransformation Enzymes -- Chapter 6. Enzyme Engineering -- Part 2. Anti cancer and Anti-inflammatory Molecules -- Chapter 7. Anticancer Agents from Marine Microorganisms -- Chapter 8. Cancer Combating Bio Molecules from Plants -- Chapter 9. Ant-inflammatory Molecules: Enzyme Inhibitors -- Chapter 10. Anti-inflammatory Molecules: Immune System Mediators -- Part 3. Antimicrobials -- Chapter 11. Antimicrobial Agents from Plants -- Chapter 12. Antimicrobials from Microbes -- Chapter 13. Novel Sources of Antimicrobials -- Chapter 14. Quorum Quenching Compounds from Natural Sources -- Chapter 15. Antimycobacterial Peptides -- Part 4. Emerging Trends -- Chapter 16. Probiotics -- Chapter 17. Stilbenes |

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| | and its Derivatives in Traditional Medicine -- Chapter 18. Novel Targets and Advancements in Drug Discovery: the Case of HIV-AIDS. |
| Sommario/riassunto | This book is a compilation of detailed articles on various products and services that can be derived from bioresources through bioprocess. It offers in-depth discussions and case studies on commercially and therapeutically important enzymes, antimicrobials, anti-cancer molecules and anti-inflammatory substances. It also includes a separate section on emerging trends in bioactive substances research. This unique book is a valuable source of information for biotechnologists and bioprocess experts as well as academics and researchers who are actively involved in product and process development. |