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Descrizione fisica	1 online resource (VIII, 472 p.)
Collana	Advances in Biochemical Engineering/Biotechnology, , 0724-6145 ; ; 156
Disciplina	660.62
Soggetti	Microbiology Biochemistry Applied Microbiology Biochemistry, general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Includes index.
Nota di contenuto	Anaerobes in Industrial and Environmental Biotechnology -- Isolation and Cultivation of Anaerobes -- Glycolysis as the Central Core of Fermentation -- Comparative Genomics of Core Metabolism Genes of Cellulolytic and Noncellulolytic Clostridium species -- Enzyme Systems of Anaerobes for Biomass Conversion -- Biotechnology of Anoxygenic Phototrophic Bacteria -- Biological Processes for Hydrogen Production -- Biogas Production – Microbiology and Technology -- Life in Anoxic Sub-seafloor Environment: Linking Microbial Metabolism and Mega Reserves of Methane Hydrate -- Anaerobes in Bioelectrochemical Systems -- Low Carbon-Fuel and Chemical Production by Anaerobic Gas Fermentation -- Anaerobic Fermentation for Production of Carboxylic Acids as Bulk Chemicals from Renewable Biomass -- Development of Anaerobic High Rate Reactors, Focusing on Sludge Bed Technology -- Anaerobic Probiotics: The Key Microbes for Human Health.-Anaerobes as Sources of Bioactive Compounds and Health Promoting Tools. .
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chemistry, biochemistry, microbiology, genetics, chemical engineering and computer science. Volumes are organized topically and provide a comprehensive discussion of developments in the respective field over the past 3-5 years. The series also discusses new discoveries and applications. Special volumes are dedicated to selected topics which focus on new biotechnological products and new processes for their synthesis and purification. In general, special volumes are edited by well-known guest editors. The series editor and publisher will however always be pleased to receive suggestions and supplementary information. Manuscripts are accepted in English.
