

1. Record Nr.	UNISA990005925390203316
Titolo	Cronache della mia vita / Igor Stravinskij ; traduzione di Alberto Mantelli ; con uno scritto di Pierre Boulez
Pubbl/distr/stampa	Milano : Feltrinelli, 2013
ISBN	978-88-07-88130-5
Descrizione fisica	184 p. ; 20 cm
Collana	Universale economica ; 8130
Disciplina	780.920
Soggetti	Stravinskij, Igor Biografie
Collocazione	XIII.3.D. 595
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910734854503321
Titolo	Micro-algae: Next-generation Feedstock for Biorefineries : Contemporary Technologies and Future Outlook / / edited by Pradeep Verma
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2022
ISBN	9789811906800 9789811906794
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (239 pages)
Collana	Clean Energy Production Technologies, , 2662-687X
Disciplina	579.8
Soggetti	Microbiology Biochemical engineering Industrial microbiology Biotechnology Bioprocess Engineering Industrial Microbiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa

**Livello bibliografico****Monografia****Nota di bibliografia**

Includes bibliographical references and index.

**Nota di contenuto**

Chapter 1. Third-generation biofuels from Microalgal Bioresource: Potential strategy and current trends -- Chapter 2. The promising future of microalgae as biofuels and valuable bioproducts. Chapter 3. Overview on advanced microalgae-based sustainable biofuel generation and its life cycle assessment . Chapter 4. Microalgae Cell Wall Disruption and Biocomponents Fractionation for Fuel Conversion. - Chapter 5. Recent advances in hydrothermal liquefaction of microalgae -- Chapter 6. Carotenoids and pigments generation using the microalgal production system. Chapter 7. Molecular engineering/metabolic engineering based advanced biotechnological approach in microalgal biorefinery -- Chapter 8. Algae-bacteria interactomics unveils their role in growth and production of high-value biorenewables -- Chapter 9. Microalgae and Cyanobacteria: A potential source for drug discovery using genome mining approach -- Chapter 10. Synthetic biology-based advanced biotechnological approach in microalgal biorefinery.

**Sommario/riassunto**

The edited book covers all potential products from microalgal-based biorefinery having the focus on contemporary technologies and future outlook. Along with the focus on microalgal biorefinery products, the book also focuses on biotechnological advances via the utilization of modern molecular biology, system biology, synthetic biology, or metabolic engineering approach in microalgal biorefinery. The development of any technologies has a direct effect on the human being and the environment, therefore, the socio-economic, technoeconomic, and environmental impact of the microalgae-based biorefineries will also be included in the book. In microalgal biomass-based biorefinery different biofuel- biodiesel, bioethanol, biohydrogen, and value-added compounds such as carotenoids, fatty acids, and protein can be produced simultaneously. Understanding the technical advances to develop an integrated biorefinery approach with the motive of designing a consolidated self-sustainable microalga-based biorefinery. This book is equally beneficial for researchers and engineers in biomass-based biorefineries or the bachelors, master, or young budding graduate students as a textbook. .