

1. Record Nr.	UNISALENTO991004270837707536
Autore	Stewart, Ian.
Titolo	L'eleganza della verità : storia della simmetria / Ian Stewart ; traduzione di Luigi Civalleri
Pubbl/distr/stampa	Torino : Einaudi, 2008
Titolo uniforme	Why beauty is truth : a history of symmetry 3376350
ISBN	8022264776714
Descrizione fisica	XIV, 328 p. : ill. ; 22 cm
Altri autori (Persone)	Civalleri, Luigi Williams, Jeff, illustratore
Disciplina	516
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Lingua di pubblicazione	Italiano
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Livello bibliografico	Monografia

2. Record Nr.	UNINA9910779731703321
Titolo	Microalgal biotechnology [[electronic resource] ] : integration and economy / / edited by Clemens Posten and Christian Walter
Pubbl/distr/stampa	Berlin ; ; Boston, : Walter de Gruyter, 2012
ISBN	1-68015-213-0 3-11-029832-5
Descrizione fisica	1 online resource (342 p.)
Classificazione	ZG 9100
Altri autori (Persone)	PostenClemens WalterChristian <1965 December 15->
Disciplina	579.8
Soggetti	Microalgae - Biotechnology Microalgae - Biotechnology - Economic aspects
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Frontmatter -- Preface -- Contents -- List of contributing authors -- 1 Introduction - Integration in microalgal biotechnology / Posten, Clemens -- 2 Products from microalgae: An overview / Rosello Sastre, Rosa -- 3 Spirulina production in volcano lakes: From natural resources to human welfare / Thein, Min / Aung, Toe / Pyone Lwin, Khin / Khaing , May Yu / Pulz, Otto -- 4 Case study of a temperature-controlled outdoor PBR system in Bremen / Thomsen, C. / Rill , S. / Thomsen, L. -- 5 Algae for aquaculture and animal feeds / Shields , Robin / Lupatsch, Ingrid -- 6 Algae as an approach to combat malnutrition in developing countries / Hug , Christophe / von der Weid, Denis -- 7 Hydrogen production by natural and semiartificial systems / Happe, Thomas / Lambertz, Camilla / Kwon, Jong-Hee / Rexroth , Sascha / Rögner, Matthias -- 8 The carotenoid astaxanthin from Haematococcus pluvialis / Grewe , Claudia B. / Griehl, Carola -- 9 Screening and development of antiviral compound candidates from phototrophic microorganisms / Walter, Christian -- 10 Natural product drug discovery from microalgae / Niedermeyer , Timo / Brönstrup, Mark -- 11 Biorefining of microalgae: Production of highvalue products, bulk chemicals and biofuels / Eppink, Michel H. M. / Barbosa , Maria J. / Wijffels, Rene H. -- 12 Development of a microalgal pilot plant: A generic approach / Henderson, Garry -- 13 Finding the bottleneck: A

research strategy for improved biomass production / Bassi, Roberto / Cardol, Pierre / Choquet, Yves / De Marchin, Thomas / Economou, Chloe / Franck, Fabrice / Goldschmidt-Clermont, Michel / Jacobi, Anna / Loizeau, Karen / Mathy, Gregory / Plancke, Charlotte / Posten, Clemens / Purton, Saul / Remacle, Claire / Vejrazka, Carsten / Wei , Lili / Wollman, Francis-André -- 14 Trends driving microalgae-based fuels into economical production / Verdelho, Vítor / Carvalho, Ana P. / Fonseca , Diana / Navalho, João -- 15 Microalgal production systems: Global impact of industry scale-up / Stephens, Evan / Wagner, Liam / Ross , Ian L. / Hankamer, Ben -- Index

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## Sommario/riassunto

With the high interest in renewable resources, the field of algal biotechnology has undergone a huge leap in importance in recent years. The book Microalgae Biotechnology - Integration and Economy treats integrated approaches to bring the high potential of microalgae into application, accelerate the development of really working production processes and put finally the products on the market. Close interaction of biology and process engineering becomes visible in the described processes. The big impact of microalgal biotechnology on our future society is outlined as a desirable consequence of scientific progress. This book will allow protagonists in academia and industry as well as decision makers in industry and politics to get a clear picture of current possibilities and future trends in microalgal biotechnology.

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