

1. Record Nr.	UNINA9910815654303321
Autore	Islam Aminul
Titolo	Advanced technologies in biodiesel : introduction to principles and emerging trends / / Aminul Islam, Yun Hin Taufiq-Yap and Eng-Seng Chan
Pubbl/distr/stampa	New York : , : Momentum Press, , [2015] ©2015
ISBN	1-78684-354-4 1-60650-503-3
Descrizione fisica	1 online resource (168 p.)
Collana	Thermal science and energy engineering collection
Disciplina	665.37
Soggetti	Biodiesel fuels industry - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (pages 117-142) and index.
Nota di contenuto	1. Introduction to biodiesel -- 2. Reactor and refining technologies for biodiesel production -- 3. Biodiesel production processes -- 4. Methods for quality assessment of biodiesel -- References -- About the authors -- Index.
Sommario/riassunto	The important strategic issue of the 21st century states as the struggle for existence is the struggle for sustainable energy. In the last few years, the interest in renewable fuels has increased dramatically due to high demand of energy and the limitation of fossil fuel. Given the rapidly increasing demand for energy, which is projected to double by mid- 21st century, it is expected that biodiesels will become an important part of the global energy mix and make a significant contribution to meeting energy demand. Through extensive research, many commercial enterprises have offered comprehensive, innovative, and state-of-the-art technologies to produce high-quality biodiesel consistently at a competitive price via transesterification process. Therefore, this book gives a critical review on the recent emerged process intensification technologies for biodiesel production as well as the various methods for assessing biodiesel fuel quality and/or monitoring the transesterification reaction with advantages and drawbacks, and offers suggestions on selection of appropriate

methods, which could provide a thrilling adventure ahead of all interested scientists. The adequate and up-to-date information provided in this book should be of interest for biochemical engineers, academics, post graduate and graduate students, and industrial researchers in these areas of study. It will also cater to researchers and enthusiastic readers in the realm of alternative energy resources as well as in areas of sustainable and green energy technology development.

2. Record Nr. UNISA996212726003316

**Titolo**

**Pubbl/distr/stampa**

Apidologie  
Paris : , : Arbeitsgemeinschaft der Institute für Bienenforschung [et]  
Institut national de la recherche agronomique, , 1970-  
Berlin, : Springer Link

**ISSN**

1297-9678

**Descrizione fisica**

1 online resource

**Soggetti**

Bees  
Apoïdés  
Abeille  
Apidé  
Beekeeping  
Periodicals.

**Lingua di pubblicazione**

Inglese

**Formato**

Materiale a stampa

**Livello bibliografico**

Periodico

**Note generali**

Refereed/Peer-reviewed