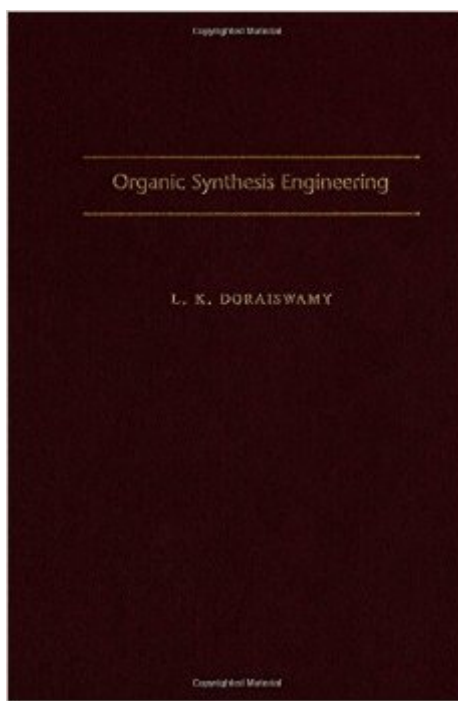


The book was found

Organic Synthesis Engineering



Synopsis

This book will formally launch "organic synthesis engineering" as a distinctive field in the armory of the reaction engineer. Its main theme revolves around two developments: catalysis and the role of process intensification in enhancing overall productivity. Each of these two subjects are becoming increasingly useful in organic synthesis engineering, especially in the production of medium and small volume chemicals and enhancing reaction rates by extending laboratory techniques, such as ultrasound, phase transfer catalysts, membrane reactor, and microwaves, to industrial scale production. This volume describes the applications of catalysis in organic synthesis and outlines different techniques of reaction rate and/or selectivity enhancement against a background of reaction engineering principles for both homogeneous and heterogeneous systems.

Book Information

Series: Topics in Chemical Engineering

Hardcover: 936 pages

Publisher: Oxford University Press; 1 edition (February 15, 2001)

Language: English

ISBN-10: 0195096894

ISBN-13: 978-0195096897

Product Dimensions: 9.1 x 1.9 x 6.2 inches

Shipping Weight: 2.8 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #4,139,600 in Books (See Top 100 in Books) #49 in [Books > Science & Math > Chemistry > Organic > Reactions](#) #3038 in [Books > Textbooks > Engineering > Chemical Engineering](#) #6021 in [Books > Engineering & Transportation > Engineering > Chemical](#)

[Download to continue reading...](#)

The Organic Chemistry of Drug Synthesis, Volume 3 (Organic Chemistry Series of Drug Synthesis)
Ace Organic Chemistry I: The EASY Guide to Ace Organic Chemistry I: (Organic Chemistry Study Guide, Organic Chemistry Review, Concepts, Reaction Mechanisms and Summaries) Organic Body Care Recipes Box Set: Organic Body Scrubs, Organic Lip Balms, Organic Body Butter, And Natural Skin Care Recipes Cycloaddition Reactions in Organic Synthesis, Volume 8 (Tetrahedron Organic Chemistry) Hetero Diels-Alder Methodology in Organic Synthesis (Organic Chemistry) Organic Synthesis Engineering Organic Homemade Lotion Recipes - For All Skin Types (The Best Lotion DIY Recipes): Lotion Making For Beginners (organic lawn care manual, organic skin care, beauty

and the beast) Organic Synthesis Highlights II (v. 2) Transition Metals in the Synthesis of Complex Organic Molecules The Chemistry of Metal-Organic Frameworks: Synthesis, Characterization, and Applications Organic Synthesis: The Roles of Boron and Silicon (Oxford Chemistry Primers) Organic Synthesis Using Transition Metals Organolithiums: Selectivity for Synthesis, Volume 23 (Tetrahedron Organic Chemistry) Organic Synthesis using Samarium Diodide: A Practical Guide Organometallics in Organic Synthesis (Volume 1) Advanced Organic Chemistry: Part B: Reaction and Synthesis Name Reactions and Reagents in Organic Synthesis Organic Synthesis: The Disconnection Approach Organic Synthesis (Oxford Chemistry Primers) Reagents for Organic Synthesis

[Dmca](#)