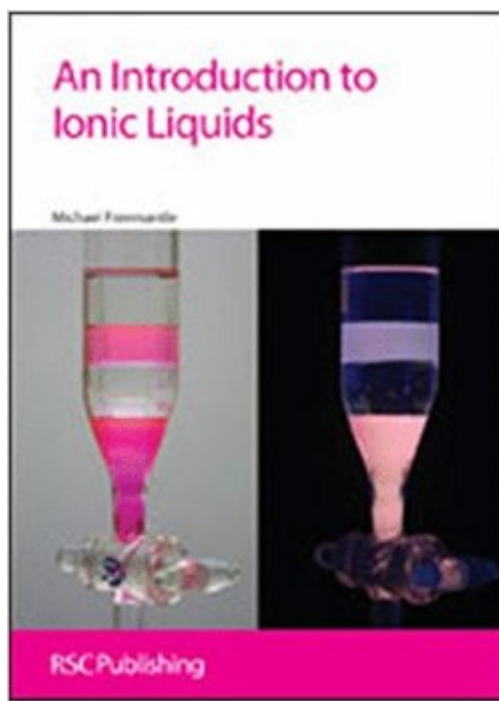


The book was found

An Introduction To Ionic Liquids: RSC



Synopsis

In the late 1990s, there was an explosion of research on ionic liquids and they are now a major topic of academic and industrial interest with numerous existing and potential applications. Since then, the number of scientific papers focusing on ionic liquids has risen exponentially, including a few edited multi-author books covering the latest advances in ionic liquids chemistry and several volumes of symposium proceedings. Much of the content in these books and volumes is written using technical jargon that only scientists at the cutting edge of ionic liquids research will understand and ionic liquids are hardly covered in most modern chemistry textbooks. This is the first single-author book on ionic liquids and the first introductory book on the topic. It is written in a clear, concise and consistent way. The book provides a useful introduction to ionic liquids for those readers who are not familiar with the topic. It is also wide ranging, embracing every aspect of the chemistry and applications of ionic liquids. The book draws extensively on the primary scientific literature to provide numerous examples of research on ionic liquids. These examples will enable the reader to become familiar with the key developments in ionic liquids chemistry over recent years. The book provides an introduction to: ionic liquids; their nomenclature; history; physical, chemical and biological properties; and their wide ranging uses and potential applications in catalysis, electrochemistry, inorganic chemistry, organic chemistry, analysis, biotechnology, green chemistry and clean technology. Notable and important chapters include "The Green Credentials of Ionic Liquids" and "Biotechnology." The chapter on "Applications" includes sections with brief descriptions of recent research on the development of ionic liquids: - for the construction of a liquid mirror for a moon telescope - for use as rocket propellants - for use as antimicrobial agents that combat MRSA - as active pharmaceutical ingredients and antiviral drugs - for embalming and tissue preservation Science students, researchers, teachers in academic institutions and chemists and other scientists in industry and government laboratories will find the book an invaluable introduction to one of the most rapidly advancing and exciting fields of science and technology today.

Book Information

Hardcover: 281 pages

Publisher: Royal Society of Chemistry; 1st Edition. edition (November 20, 2009)

Language: English

ISBN-10: 1847551610

ISBN-13: 978-1847551610

Product Dimensions: 6.1 x 0.9 x 9.2 inches

Shipping Weight: 1.3 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars Â Â See all reviews Â (2 customer reviews)

Best Sellers Rank: #1,426,924 in Books (See Top 100 in Books) #51 in Â Books > Science & Math > Chemistry > Physical & Theoretical > Electrochemistry #257 in Â Books > Science & Math > Chemistry > Inorganic #492 in Â Books > Science & Math > Chemistry > Industrial & Technical

Customer Reviews

Freemantle's style made this clear to comprehend. Surveys and Intros are always tough - go too deep and lose some readers, don't go deep enough and leave some readers unsatisfied. For my use and purposes, this was "just right".

perfect

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

An Introduction to Ionic Liquids: RSC Ionic Framework: Building mobile apps with Ionic Framework
Introduction to Glass Science and Technology: RSC (RSC Paperbacks) The Maillard Reaction:
RSC (RSC Food Analysis Monographs) Natural Gas Liquids: A Nontechnical Guide Quantum
Liquids: Bose Condensation and Cooper Pairing in Condensed-Matter Systems (Oxford Graduate
Texts) Theory of Simple Liquids: with Applications to Soft Matter Theory of Simple Liquids Full Stack
Mobile App with Ionic Framework Ionic Liquid Properties: From Molten Salts to RTILs Ionic
Polymerization and Living Polymers Ionic Equilibria. Introduction to Glass Science and Technology
(RSC Paperbacks) Hamlet (The RSC Shakespeare) The Chemistry of Fragrances: From Perfumer
to Consumer (RSC Paperbacks) Atmospheric Chemistry: RSC Biophysical and Physiological
Effects of Solar Radiation on Human Skin: RSC (Comprehensive Series in Photochemical &
Photobiological Sciences) Contemporary Boron Chemistry: RSC (Special Publications) A First
Course in Electrode Processes: RSC Physical Chemistry for the Chemical Sciences: RSC

[Dmca](#)