

The book was found

Topics In Stereochemistry



Synopsis

Topics in Stereochemistry, previously edited by "the father of stereochemistry" Ernest L. Eliel, is a longstanding, successful series covering the most important advances in the field. The much-anticipated Volume 25 includes chapters on the following topics: * Stereochemistry of Molecules in Inclusion Crystals * Torsional Motion of Stilbene-type Molecules in Crystals * Supramolecular Networks of Porphyrins * Homo- and Heterochirality in Crystals * Supramolecular Synthesis of 1D Chains and 2D Layers in Hydrogen Bond Networks of Ureas and 2-D Pyrimidinones * Chiral Auxiliaries Powerful for Both Enantioresolution and Determination of Absolutely Stereochemistry by X-Ray Crystallograph * Engineering Stereospecific Reactions in Crystals: Synthesis of Compounds with Adjacent Stereogenic Quaternary Centers by Photodecarbonylation of Crystalline Ketones * The CH/ Hydrogen Bond: An Important Molecular Force in Controlling the Crystal Conformation of Organic Compounds and Three-Dimensional Structure of Biopolymers * Stereoselective Thermal Solid-State Reactions * Crystal Structures and Functionalities of Platinum (II) Complexes Controlled by Various Intermolecular Interactions

Book Information

Series: Topics in Stereochemistry (Book 25)

Hardcover: 434 pages

Publisher: Wiley-Interscience; 1 edition (May 5, 2006)

Language: English

ISBN-10: 0471682446

ISBN-13: 978-0471682448

Product Dimensions: 6.2 x 1.1 x 9.3 inches

Shipping Weight: 1.6 pounds

Average Customer Review: Be the first to review this item

Best Sellers Rank: #2,600,712 in Books (See Top 100 in Books) #35 in Books > Science & Math > Chemistry > Organic > Synthesis #171 in Books > Science & Math > Chemistry > Molecular Chemistry #211 in Books > Science & Math > Chemistry > Crystallography

Customer Reviews

"a collection of excellent reviews on developed aspects of crystal stereochemistry." (Journal of the American Chemical Society, October 4, 2006)

Since it was first published in 1967, the highly regarded Topics in Stereochemistry series has

consistently reflected the state of the art in the field and provided readers with a coherent framework for the conceptual, theoretical, and practical aspects of modern stereochemistry. With the new series editor, Scott E. Denmark, at the helm, Volume 22 continues to offer important insights into the evolution of stereochemistry and its future directions. Written by internationally recognized leaders in their respective fields, this volume introduces readers to some of the most intensely studied topics in research laboratories today. Along with the fundamental principles of chirality, the authors describe exciting new applications of stereochemistry in synthetic organic, physical organic, and bioorganic chemistry. They cover cutting-edge research in areas such as asymmetric catalysis, reactions with catalytic antibodies, and stereoelectronic control of organic reactions. In addition, a feature chapter provides a critical analysis of the concepts of molecular chirality. Timely and authoritative, *Topics in Stereochemistry, Volume 22*, features over 120 illustrations and a cumulative index covering Volumes 1 through 22. It is an essential resource for organic chemists involved in synthesis as well as those in the physical and bioorganic areas of organic chemistry.

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

Topics in Stereochemistry New methods and recent developments of the stereochemistry of ephedrine, pyrrolizidine, granatane and tropane alkaloids, (Recent developments in the chemistry of natural carbon compounds) *Dynamic Stereochemistry of Chiral Compounds: Principles and Applications Stereochemistry of Organic Compounds Stereochemistry: RSC (Tutorial Chemistry Texts)* *The Complete English Master: 36 Topics for Fluency: Master English in 12 Topics, Book 4* 150 Basic Writing Topics with Sample Essays Q121-150 (240 Basic Writing Topics 30 Day Pack) 240 Writing Topics with Sample Essays: How to Write Essays (120 Writing Topics) 240 Speaking Topics with Sample Answers (120 Speaking Topics with Sample Answers) 240 Speaking Topics: with Sample Answers (Volume 2) (120 Speaking Topics) 240 Writing Topics: with Sample Essays (120 Writing Topics) *Carbon Nanotubes: Advanced Topics in the Synthesis, Structure, Properties and Applications (Topics in Applied Physics)* *ARE 5 in a Flash: Rapid Review of Key Topics Activity Schedules for Children With Autism, Second Edition: Teaching Independent Behavior (Topics in Autism)* *Fine Motor Skills for Children with Down Syndrome: A Guide for Parents and Professionals (Topics in Down Syndrome)* by Maryanne Bruni (2006-04-10) *Teaching Reading to Children With Down Syndrome: A Guide for Parents and Teachers (Topics in Down Syndrome)* by Patricia Logan Oelwein (1995-02-01) *Paperback Teaching Children with Down Syndrome About Their Bodies, Boundaries and Sexuality: A Guide for Parents and Professionals (Topics in Down Syndrome)* by Terri Couwenhoven (2007-10-22) *Teaching Children with Down Syndrome about Their Bodies, Boundaries, and Sexuality (Topics in Down Syndrome)* by Terri Couwenhoven 1st (first) Edition

(10/10/2007) Fine Motor Skills in Children with Down Syndrome: A Guide for Parents and Professionals (Topics in Down Syndrome) by Bruni, Maryanne (September 1, 1998) Paperback
Early Communication Skills for Children with Down Syndrome: A Guide for Parents and Professionals (Topics in Down Syndrome) by Libby Kumin (2012) Paperback

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)