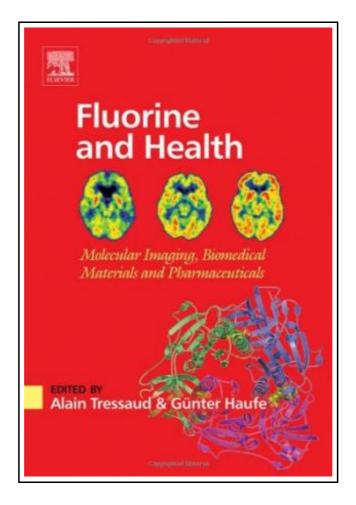
Fluorine and Health: Molecular Imaging, Biomedical Materials and Pharmaceuticals (Hardback)



Filesize: 6.38 MB

Reviews

Thorough guideline! Its this kind of excellent read. This is certainly for all those who statte there was not a well worth reading. Your way of life period will probably be transform once you complete reading this book.

(Mrs. Alia Borer)

FLUORINE AND HEALTH: MOLECULAR IMAGING, BIOMEDICAL MATERIALS AND PHARMACEUTICALS (HARDBACK)



ELSEVIER SCIENCE TECHNOLOGY, United Kingdom, 2008. Hardback. Book Condition: New. New.. 236 x 170 mm. Language: English . Brand New Book. Fluorine and Health presents a critical multidisciplinary overview on the contribution of fluorinated compounds to resolve the important global issue of medicinal monitoring and health care. The involved subjects are organized in three thematic parts devoted to Molecular Imaging, Biomedical Materials and Pharmaceuticals. Initially the key-position of partially fluorinated low molecular weight compounds labeled either with the natural 19F-isotope for Magnetic Resonance Imaging (MRI) or labeled with the radioactive [18F]-isotope for Positron Emission Tomography (PET) is highlighted. Both noninvasive methods belong to the most challenging in vivo imaging techniques in oncology, neurology and in cardiology for the diagnosis of diseases having the highest mortality in the industrialized countries. The manifold facets of fluorinated biomaterials range from inorganic ceramics to perfluorinated organic molecules. Liquid perfluorocarbons are suitable for oxygen transport and as potential respiratory gas carriers, while fluorinated polymers are connected to the pathology of blood vessels. Another important issue concerns the application of highly fluorinated liquids in ophthalmology. Moreover, fluorine is an essential trace element in bone mineral, dentine and tooth enamel and is applied for the prophylaxis and treatment of dental caries. The various origins of human exposure to fluoride species is detailed to promote a better understanding of the effect of fluoride species on living organisms. Medicinally relevant fluorinated molecules and their interactions with native proteins are the main focus of the third part. New molecules fluorinated in strategic position are crucial for the development of pharmaceuticals with desired action and optimal pharmacological profile. Among the hundreds of marketed active drug components there are more than 150 fluorinated compounds. The chapters will illustrate how the presence of fluorine atoms alters properties of bioactive compounds at various biochemical steps, and...

Read Fluorine and Health: Molecular Imaging, Biomedical Materials and Pharmaceuticals (Hardback) Online

Download PDF Fluorine and Health: Molecular Imaging, Biomedical Materials and Pharmaceuticals (Hardback)

Other Books



Children's Educational Book Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English] (Paperback)

Createspace, United States, 2013. Paperback. Book Condition: New. 248 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****. ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

Save ePub »



Slavonic Rhapsodies, Op.45 / B.86: Study Score (Paperback)

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 244 x 170 mm. Language: English Brand New Book ***** Print on Demand *****. The first of the three Slovanske rapsodie was composed from February 13...

Save ePub »



Stories of Addy and Anna: Second Edition (Paperback)

Mohd Shahran Bin Daud, United States, 2015. Paperback. Book Condition: New. Siti Haziqah Samsul (illustrator). 244 x 170 mm. Language: English. Brand New Book ***** Print on Demand ******. Delightful, Colorful and Fun Learning Book...

Save ePub »



Adobe Photoshop CS6 Revealed (Hardback)

Cengage Learning, Inc, United States, 2012. Hardback. Book Condition: New. 236 x 193 mm. Language: English. Brand New Book. Adobe Photoshop has long provided cutting edge technology for sophisticated digital editing, and ADOBE PHOTOSHOP...

Save ePub »



The Water Goblin, Op. 107 / B. 195: Study Score (Paperback)

Petrucci Library Press, United States, 2013. Paperback. Book Condition: New. 238 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****. The first of four late tone poems inspired by Bouquet, a...

Save ePub »



The Frog Tells Her Side of the Story: Hey God, I m Having an Awful Vacation in Egypt Thanks to Moses! (Hardback)

Broadman Holman Publishers, United States, 2013. Hardback. Book Condition: New. Cory Jones (illustrator). 231 x 178 mm. Language: English . Brand New Book. Oh sure, we ll all heard the story of Moses and the

Read ePub »



Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel's System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers (Paperback)

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can download

Read ePub »



Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications. (Paperback)

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can usually

Read ePub »



From Kristallnacht to Israel: A Holocaust Survivor s Journey (Paperback)

Dog Ear Publishing, United States, 2009. Paperback. Book Condition: New. 226 x 152 mm. Language: English. Brand New Book ***** Print on Demand *****. In the 1930s, as evil begins to envelope Europe, Karl Rothstein

Read ePub »



The Preschool Inclusion Toolbox: How to Build and Lead a High-Quality Program (Paperback)

Brookes Publishing Co, United States, 2015. Paperback. Book Condition: New. 274 x 213 mm. Language: English . Brand New Book. Filled with tips, tools, and strategies, this book is the comprehensive, practical toolbox preschool administrators

Read ePub »