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Atkinson's Principles of Clinical Pharmacology - Shiew-Mei Huang 2021-10-16
Atkinson’s Principles of Clinical Pharmacology, Fourth Edition is the essential reference on the pharmacologic principles underlying the individualization of patient therapy and contemporary drug development. This well-regarded survey continues to focus on the basics of clinical pharmacology for the development, evaluation and clinical use of pharmaceutical products while also addressing the most recent advances in the field. Written by leading experts in academia, industry, clinical and regulatory settings, the fourth edition has been thoroughly updated to provide readers with an ideal reference on the wide range of important topics impacting clinical pharmacology. Presents the essential knowledge for effective practice of clinical pharmacology Includes a new chapter and extended discussion on the role of personalized and precision medicine in clinical pharmacology Offers an extensive regulatory section that addresses US and international issues and guidelines Provides extended coverage of earlier chapters on transporters, pharmacogenetics and biomarkers, along with further discussion on "Phase 0" studies (microdosing) and PBPK
Chemistry - Charles H. Corwin 1994
The result of extensive surveys of classroom teaching and Charles Corwin's 20 years of teaching experience, this text addresses the difficulty students have in making connections between mathematics and problem solving, chemistry and the real world, experiment and theory.
Near Infrared Detectors Based on Silicon Supersaturated with Transition Metals - Daniel Montero Álvarez 2021-01-08
This thesis makes a significant contribution to the development of cheaper Si-based Infrared detectors, operating at room temperature. In particular, the work is focused in the integration of the Ti supersaturated Si material into a CMOS Image Sensor route, the technology of choice for imaging nowadays due to its low-cost and high resolution. First, the material is fabricated using ion implantation of Ti atoms at high concentrations. Afterwards, the crystallinity is recovered by means of a pulsed laser process. The material is used to fabricate planar photodiodes, which are later characterized using current-voltage and quantum efficiency measurements. The prototypes showed improved sub-bandgap responsivity up to 0.45 eV at room temperature. The work is further supported by a collaboration with STMicroelectronics, where the supersaturated material was integrated into CMOS-based sensors at industry level. The results show that Ti supersaturated Si is compatible in terms of contamination, process integration and uniformity. The devices showed similar performance to non-implanted devices in the

visible region. This fact leaves the door open for further integration of supersaturated materials into CMOS Image Sensors.

Chemistry 2e - Paul Flowers 2019-02-14

Curriculum Review - 1986

Foundations of College Chemistry - Morris Hein 2013-01-01

Learning the fundamentals of chemistry can be a difficult task to undertake for health professionals. For over 35 years, Foundations of College Chemistry, Alternate 14th Edition has helped readers master the chemistry skills they need to succeed. It provides them with clear and logical explanations of chemical concepts and problem solving. They'll learn how to apply concepts with the help of worked out examples. In addition, Chemistry in Action features and conceptual questions checks brings together the understanding of chemistry and relates chemistry to things health professionals experience on a regular basis.

Food, Medical, and Environmental Applications of Nanomaterials - Veeriah Jegatheesan 2022-03-24

Food, Medical, and Environmental Applications of Nanomaterials is designed to cover different types of nanomaterials that have applications related to the environment, food and medicine. It is an important resource for materials scientists and bioengineers looking to learn more about the applications of nanomaterials for sustainable development applications. Nanoscale materials possess excellent properties that have been explored in the areas of biomedicals, food, agriculture, the environment, catalysis, sensing and energy storage. Examples of these new applications include smart and active food packaging, nanobiosensors, bioremediation, wastewater treatment, implant coatings, tissue engineering, delivery systems for food and pharmaceutical applications, and food safety. Helps readers make decisions on the suitability and appropriateness of a synthetic route and characterization technique for a particular nanosystem Enables readers to analyze and compare experimental data and extract in-depth information about the physical properties of the polymeric gels using mathematical models Teaches users about the applications of nanomaterials for sustainable development applications

Manual of Mineral Science - Cornelis Klein 2007-02-20

The classic in the field since 1848, this extraordinary reference offers readers unsurpassed coverage of mineralogy and crystallography. The book is known for integrating complete coverage of concepts and principles with a more systematic and descriptive treatment of mineralogy. The revised edition now includes a CD-ROM to let readers see the minerals and crystals, while also viewing chemical composition, symmetry, and morphological crystallography.

Introduction to Chemistry - Tracy Poulsen 2013-07-18

Designed for students in Nebo School District, this text covers the Utah State Core Curriculum for chemistry with few additional topics.

Advanced Driver Assistance Systems and Autonomous Vehicles - Yan Li 2022-11-29

This book provides a comprehensive reference for both academia and industry on the fundamentals, technology details, and applications of Advanced Driver-Assistance Systems (ADAS) and autonomous driving, an emerging and rapidly growing area. The book written by experts covers the most recent research results and industry progress in the following areas: ADAS system design and test methodologies, advanced materials, modern automotive technologies, artificial intelligence, reliability concerns, and failure analysis in ADAS. Numerous images, tables, and didactic schematics are included throughout. This essential book equips readers with an in-depth understanding of all aspects of ADAS, providing insights into key areas for future research and development. • Provides comprehensive coverage of the state-of-the-art in ADAS • Covers advanced materials, deep learning, quality and reliability concerns, and fault isolation and failure analysis • Discusses ADAS system design and test methodologies, novel automotive technologies • Features contributions from both academic and industry authors, for a complete view of this important technology

El-Hi Textbooks & Serials in Print, 2005 - 2005

Chemistry - Bruce Averill 2007
Emphasises on contemporary applications and an intuitive problem-solving approach that helps students discover the exciting potential of chemical science. This book incorporates fresh applications from the three major areas of modern research: materials, environmental chemistry, and biological science.

Myelin - Russell E. Martenson 1992-02-20
Myelin: Biology and Chemistry provides in-depth reviews and discussions regarding recent findings in the biology and chemistry of myelin. Topics are interdisciplinary and carry readers from the cellular level to that of the gene. Research in demyelinating diseases (naturally occurring and experimentally produced) is described and emphasizes autoimmune and virally induced mechanisms. Advances in molecular biology, such as those that provide details of the structures of the major myelin proteins, demonstrate the control of their synthesis, and explore the mutations within their genes that disrupt the process of myelination, are discussed in depth. Myelin: Biology and Chemistry will be an important addition to the libraries of molecular biologists, biochemists, cell biologists, physical chemists, immunologists, virologists, and pathologists involved in the study of myelin.

Engaging Learners with Chemistry - Ilka Parchmann 2020-07-27
Many projects in recent years have applied context-based learning and engagement tools to the fostering of long-term student engagement with chemistry. While empirical evidence shows the positive effects of context-based learning approaches on students' interest, the long-term effects on student engagement have not been sufficiently highlighted up to now. Edited by respected chemistry education researchers, and with contributions from practitioners across the world, Engaging Learners with Chemistry sets out the approaches that have been successfully tested and implemented according to different criteria, including informative, interactive, and participatory engagement, while also considering citizenship and career perspectives. Bringing together the latest research in one volume, this book will be useful for chemistry teachers, researchers in chemistry education and professionals in the chemical industry seeking to attract students to careers in the chemical sector.

Holt Chemistry - R. Thomas Myers 2004

Tietz Textbook of Clinical Chemistry and Molecular Diagnostics - Nader Rifai 2017-01-16
The Tietz Textbook of Clinical Chemistry and Molecular Diagnostics, 6th Edition provides the most current and authoritative guidance on selecting, performing, and evaluating the results of new and established laboratory tests. This classic clinical chemistry reference offers encyclopedic coverage detailing everything you need to know, including: analytical criteria for the medical usefulness of laboratory tests, variables that affect tests and results, laboratory medicine, applications of statistical methods, and most importantly clinical utility and interpretation of laboratory tests. It is THE definitive reference in clinical chemistry and molecular diagnostics, now fully searchable and with quarterly content updates, podcasts, clinical cases, animations, and extended content online through Expert Consult. Analytical criteria focus on the medical usefulness of laboratory procedures. Reference ranges show new approaches for establishing these ranges — and provide the latest information on this topic. Lab management and costs gives students and chemists the practical information they need to assess costs, allowing them to do their job more efficiently and effectively. Statistical methods coverage provides you with information critical to the practice of clinical chemistry. Internationally recognized chapter authors are considered among the best in their field. Two-color design highlights important features, illustrations, and content to help you find information easier and faster. NEW! Internationally recognized chapter authors are considered among the best in their field. NEW! Expert Consult features fully searchable text, quarterly content updates, clinical case studies, animations, podcasts, atlases, biochemical calculations, multiple-choice questions, links to Medline, an image collection, and audio interviews. You will now enjoy an online version making utility of this book even greater. UPDATED! Expanded Molecular Diagnostics section with 12

chapters that focus on emerging issues and techniques in the rapidly evolving and important field of molecular diagnostics and genetics ensures this text is on the cutting edge and of the most value. NEW! Comprehensive list of Reference Intervals for children and adults with graphic displays developed using contemporary instrumentation. NEW! Standard and international units of measure make this text appropriate for any user — anywhere in the world. NEW! 22 new chapters that focus on applications of mass spectrometry, hematology, transfusion medicine, microbiology, biobanking, biomarker utility in the pharmaceutical industry and more! NEW! Expert senior editors, Nader Rifai, Carl Wittwer and Rita Horvath, bring fresh perspectives and help ensure the most current information is presented. UPDATED! Thoroughly revised and peer-reviewed chapters provide you with the most current information possible.

Chemistry: Principles and Reactions - William L. Masterton 2008-01-24

Discover all of the fundamental topics of general chemistry in the latest edition of this brief, cost-effective, reader- oriented text. Masterton/Hurley's CHEMISTRY: PRINCIPLES AND REACTIONS, 6e, provides a clear, concise presentation based on the authors' more than 50 years of combined teaching experience. This edition takes you directly to the crux of concepts with simplicity and allows you to efficiently cover all topics found in the typical general chemistry book. New and proven concept-driven examples as well as examples that focus on molecular reasoning and understanding provide important practice. New Chemistry: Beyond the Classroom essays by guest authors demonstrate the relevance of the concepts you are learning and highlight some of the most up-to-date uses of chemistry. A strong, enhanced art program further assists you in visualizing chemical concepts. For the first time, this edition fully integrates OWL (Online Web-based Learning), the homework management system trusted by tens of thousands of students. Integrated end-of-chapter questions and Key Concepts correlate to OWL. An optional e-book of this edition is also available in OWL. To further assist in learning and depth of coverage, the book offers CengageNOW, a Web-based student self- tutorial program. In addition, Go ChemistryTM learning modules developed by award-winning chemists offer mini-lectures and learning tools available for video iPods, MP3 players, and iTunes or CengageNOW to accommodate students like you who are on the go. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Making it relevant - Peter Nentwig 2006

'Teaching in context' has become an accepted, and often welcomed, way of teaching science in both primary and secondary schools. The conference organised by IPN and the University of York Science Education Group, Context-based science curricula, drew on the experience of over 40 science educators and 10 projects. The book is arranged in four parts. Part A consists of two papers, one on situated learning and the other on implementation of new curricula. Part B contains descriptions of five major curricula in different countries, why they were introduced, how they were developed and implemented and evaluation results. Part C gives descriptions of three projects that are of smaller scale and their materials are used as interventions in other more conventional curricula. There is also a contribution on some fundamental research where modules of work are written to examine how best to design context-based curricula. Finally, Part D consist of two chapters, one summarising some of the findings that came out of the chapters in the three earlier parts and the second looks at the future.

ACS General Chemistry Study Guide - 2020-07-06

Test Prep Books' ACS General Chemistry Study Guide: Test Prep and Practice Test Questions for the American Chemical Society General Chemistry Exam [Includes Detailed Answer Explanations] Made by Test Prep Books experts for test takers trying to achieve a great score on the ACS General Chemistry exam. This comprehensive study guide includes: Quick Overview Find out what's inside this guide! Test-Taking Strategies Learn the best tips to help overcome your exam! Introduction Get a thorough breakdown of what the test is and what's on it! Atomic Structure Electronic Structure Formula Calculations and the Mole Stoichiometry Solutions and Aqueous Reactions Heat and Enthalpy Structure and Bonding States of Matter Kinetics Equilibrium Acids and

Bases Sollubility Equilibria Electrochemistry Nuclear Chemistry Practice Questions Practice makes perfect! Detailed Answer Explanations Figure out where you went wrong and how to improve! Studying can be hard. We get it. That's why we created this guide with these great features and benefits: Comprehensive Review: Each section of the test has a comprehensive review created by Test Prep Books that goes into detail to cover all of the content likely to appear on the test. Practice Test Questions: We want to give you the best practice you can find. That's why the Test Prep Books practice questions are as close as you can get to the actual ACS General Chemistry test. Answer Explanations: Every single problem is followed by an answer explanation. We know it's frustrating to miss a question and not understand why. The answer explanations will help you learn from your mistakes. That way, you can avoid missing it again in the future. Test-Taking Strategies: A test taker has to understand the material that is being covered and be familiar with the latest test taking strategies. These strategies are necessary to properly use the time provided. They also help test takers complete the test without making any errors. Test Prep Books has provided the top test-taking tips. Customer Service: We love taking care of our test takers. We make sure that you interact with a real human being when you email your comments or concerns. Anyone planning to take this exam should take advantage of this Test Prep Books study guide. Purchase it today to receive access to: ACS General Chemistry review materials ACS General Chemistry exam Test-taking strategies

Ultrathin Oxide Layers for Solar and Electrocatalytic Systems - Heinz Frei 2022-01-12

This book brings together the fundamentals and applications of ultrathin oxide layers while highlighting connections and future opportunities.

Microfluidics and Nanofluidics - Mohsen Sheikholeslami Kandelousi 2018-08-22

In the present book, various applications of microfluidics and nanofluidics are introduced. Microfluidics and nanofluidics span a broad array of disciplines including mechanical, materials, and electrical engineering, surface science, chemistry, physics and biology. Also, this book deals with transport and interactions of colloidal particles and biomolecules in microchannels, which have great importance to many microfluidic applications, such as drug delivery in life science, microchannel heat exchangers in electronic cooling, and food processing industry. Furthermore, this book focuses on a detailed description of the thermal transport behavior, challenges and implications that involve the development and use of HTFs under the influence of atomistic-scale structures and industrial applications.

Lignocellulosic Biomass in Biotechnology - Pratima Bajpai 2021-07-13

Lignocellulosic Biomass in Biotechnology highlights significant aspects of lignocellulose biotechnology, demonstrating its potential value from an application perspective. Sections cover the physico-chemical characteristics of lignocellulosic biomass, the physical and structural properties of hemicelluloses, celluloses and lignin, sources of lignocellulosic biomass , microorganisms and their lignocellulytic enzymes, enzymatic degradation of lignocellulosic biomass, regulation of cell-wall degrading enzymes, barriers to lignocellulose biodegradation, biotechnological importance of lignocellulosic biomass, lignocellulosic pretreatment techniques, bioprocessing of lignocellulosic biomass, lignocellulosic biomass pretreatment methods, valuable chemicals and products, techno-economic evaluation and future perspectives. This book answers questions surrounding the biotechnology of lignocelluloses. It is ideal for both students and professionals in the industry supply chain. It also provides a reference for researchers and administrators engaged in the utilization and industrial development of agricultural resources. Presents recent advances in the processing of lignocellulosic biomass Highlights significant aspects of lignocelluloses biotechnology, with an emphasis on its potential value from an application perspective Looks at the cost of enzymes and the potential of modern approaches that could be employed to reduce the cost Summarizes the new achievements that have emerged in the biotechnology of lignocelluloses in recent years Discusses a wide range of topics related to the fundamental and applied aspects of lignocellulose utilization, processing and biotechnological applications

Materials Aspect of Thermoelectricity - Ctirad Uher 2016-11-25
In recent years, novel families of materials have been discovered and significant improvements in classical thermoelectric materials have been made. Thermoelectric generators are now being used to harvest industrial heat waste and convert it into electricity. This is being utilized in communal incinerators, large smelters, and cement plants. Leading car and truck companies are developing thermoelectric power generators to collect heat from the exhaust systems of gasoline and diesel engines. Additionally, thermoelectric coolers are being used in a variety of picnic boxes, vessels used to transport transplant organs, and in air-conditioned seats of mid-size cars. Consisting of twenty-one chapters written by top researchers in the field, this book explores the major advancements being made in the material aspects of thermoelectricity and provides a critical assessment in regards to the broadening of application opportunities for thermoelectric energy conversion.
Neuroscience and the Problem of Dual Use - Malcolm R. Dando 2020-08-20
This book discusses recent brain research and the potentially dangerous dual-use applications of the findings of these research projects. The book is divided into three sections: Part I examines the rise in dual-use concerns within various state's chemical and biological non-proliferation regime's during this century, as well as the rapid technologically driven advances in neuroscience and the associated possible misuse considerations in the same period. Part II reviews the brain research projects in the EU, USA, Japan, China and several other countries with regard to their objectives, achievements and measures to deal with the problem of dual-use. Part III assesses the extent to which the results of this civil neuroscience work, which is intended to be benign, are being, and could be protected against future hostile applications in the development of novel chemical and biological weapons.
Biological Psychology - James W. Kalat 2018-02-08
Dr. James W. Kalat's BIOLOGICAL PSYCHOLOGY is the most widely used text in the course area, and for good reason: a high level of scholarship, clear writing with amusing anecdotes and precise examples. Kalat's main goal is to make Biological Psychology accessible to Psychology students, not just to Biology majors and pre meds. Another goal is to convey the excitement of the search for biological explanations of behavior, and Kalat delivers. Updated with new topics, examples and recent research findings, the thirteenth edition continues this book's tradition of quality. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.
Handbook of Pyrrolidone and Caprolactam Based Materials, 6 Volume Set - Osama M. Musa 2021-07-06
HANDBOOK OF PYRROLIDONE AND CAPROLACTAM BASED MATERIALS Brings together, for the first time, a comprehensive review of all aspects of pyrrolidone- and caprolactam-based materials This comprehensive, six-volume set describes the broad technical universe of γ- and ε- lactams, reviewing in-depth the chemistry of the small lactam-based molecules, uncovering their unique properties and showing how they have enabled a myriad of commercially important applications. From synthesis, through production and into applications, this extensive work targets significant and recent trends in γ- and ε-lactam science and technology and addresses all key aspects of pyrrolidone- and caprolactam-based materials to produce a definitive overview of the field. Handbook of Pyrrolidone and Caprolactam Based Materials provides a detailed and modern portrait of the impact of pyrrolidone- and caprolactam-based materials on the world, as well as potential future possibilities. Volume One presents the chemistry of small lactam-based molecules and uncovers their unique properties. Volume Two covers polymeric materials, including polyvinyl pyrrolidone and polyvinyl caprolactam, and reviews homopolymerization, copolymerization, controlled radical polymermization and acrylate based pyrrolidone polymerizations. Volume Three examines the physical chemistry and molecular interactions of pyrrolidone and caprolactam based materials. Volume Four expands upon the characterization theme from the third volume, and includes detailed discussions of nuclear magnetic resonance (NMR) and Fourier transform-infrared (FT-IR) spectroscopy, thermal and

mechanical properties, and imaging techniques. Volume Five explores pharmaceutical applications in both ingredients and materials, as well as the antimicrobial properties and applications of pyrrolidone and caprolactam-based materials, and their toxicology. Volume Six covers personal and home care, skin care, transdermal applications and wound care, oral care, adhesion related applications and digital applications such as inkjet technology. Handbook of Pyrrolidone and Caprolactam Based Materials will appeal to industrial scientists and engineers interested in polymer development and manufacturing. It will also benefit academic researchers working in the fields of chemistry, materials science, and chemical and process engineering.

Loose-leaf Version for Introductory Chemistry - Kevin Revell 2020-11-17

Introductory Chemistry creates light bulb moments for students and provides unrivaled support for instructors! Highly visual, interactive multimedia tools are an extension of Kevin Revell's distinct author voice and help students develop critical problem solving skills and master foundational chemistry concepts necessary for success in chemistry.

An Introduction to Chemistry - Mark Bishop 2002

Bishop's text shows students how to break the material of preparatory chemistry down and master it. The system of objectives tells the students exactly what they must learn in each chapter and where to find it.

Organic Electronics - Stephen R. Forrest 2020-07-22

This textbook provides a basic understanding of the principles of the field of organic electronics, through to their applications in organic devices. Useful for both students and practitioners, it is a teaching text as well as an invaluable resource that serves as a jumping-off point for those interested in learning, working and innovating in this rapidly growing field. Organics serve as a platform for very low cost and high performance optoelectronic and electronic devices that cover large areas, are lightweight, and can be both flexible and conformable to fit onto irregularly shaped surfaces such as foldable smart phones. Organic electronics is at the core of the global organic light emitting device (OLED) display industry. OLEDs also have potential uses as lighting sources. Other emerging organic electronic applications include organic solar cells, and organic thin film transistors useful in medical and a range of other sensing, memory and logic applications. This book is a product of both one and two semester courses that have been taught over a period of more than two decades. It is divided into two sections. Part I, Foundations, lays down the fundamental principles of the field of organic electronics. It is assumed that the reader has an elementary knowledge of quantum mechanics, and electricity and magnetism. A background knowledge of organic chemistry is not required. Part II, Applications, focuses on organic electronic devices. It begins with a discussion of organic thin film deposition and patterning, followed by chapters on organic light emitters, detectors, and thin film transistors. The last chapter describes several devices and phenomena that are not covered in the previous chapters, since they lie somewhat outside of the current mainstream of the field, but are nevertheless important.

Modern Sensors, Transducers and Sensor Networks - Sergey Yurish 2014-07-14

"Modern Sensors, Transducers and Sensor Networks is the first book from the Advances in Sensors: Reviews book Series contains dozen collected sensor related, advanced state-of-the-art reviews written by 31 internationaly recognized experts from academia and industry. Built upon the series Advances in Sensors: Reviews - a premier sensor review source, it presents an overview of highlights in the field. Coverage includes current developments in sensing nanomaterials, technologies, MEMS sensor design, synthesis, modeling and applications of sensors, transducers and wireless sensor networks, signal detection and advanced signal processing, as well as new sensing principles and methods of measurements. This volume is divided into three main sections: physical sensors, chemical sensors and biosensors, and sensor networks including sensor technology, sensor market reviews and applications." -- Back cover.

Computers in Chemical Research and Education - D. Hadzi 1973

Chemistry 2012 Student Edition (Hard Cover) Grade 11 - Antony C. Wilbraham 2010-04

The new Pearson Chemistry program combines our proven content with cutting-edge digital support to help students connect chemistry to their daily lives. With a fresh approach to problem-solving, a variety of hands-on learning opportunities, and more math support than ever before, Pearson Chemistry will ensure success in your chemistry classroom. Our program provides features and resources unique to Pearson--including the Understanding by Design Framework and powerful online resources to engage and motivate your students, while offering support for all types of learners in your classroom.

Visible Light Photocatalysis in Organic Chemistry - Corey R.J. Stephenson 2018-05-29

Filling the need for a ready reference that reflects the vast developments in this field, this book presents everything from fundamentals, applications, various reaction types, and technical applications. Edited by rising stars in the scientific community, the text focuses solely on visible light photocatalysis in the context of organic chemistry. This primarily entails photoinduced electron transfer and energy transfer chemistry sensitized by polypyridyl complexes, yet also includes the use of organic dyes and heterogeneous catalysts. A valuable resource to the synthetic organic community, polymer and medicinal chemists, as well as industry professionals.

General, Organic, and Biological Chemistry - Dorothy M. Feigl 1986

Food as Medicine - Maurice M. Iwu 2016-11-25

This comprehensive book documents African plants used for functional and medicinal foods. It contains more than 60 detailed monographs of African foods, describing foods with various characteristics such as prebiotic, probiotic, satiety, immune modulation, stress-reduction, sports performance, mental acuity, sleep-supporting, metabolic syndrome, antioxidant, and unsaturated fats. Plant description, botanical names and synonyms, plant part used, habitat and distribution, folk use, nutritional content, and chemistry are all fully detailed. The book highlights indigenous African food processing technologies up to the modern era.

Chalcogen Chemistry - Peter Ndibewu 2019-02-20

This is a handy textbook comprised of chapters introducing the fundamentals of chalcogen chemistry with a focus on chalcogens and selected derived compounds and/or materials with illustrative practical applications. These low-valent chemistry elements of Group 16 or group VI- in the modern periodic table include oxygen (O), sulfur (S), selenium (Se), tellurium (Te), and polonium (Po), and they exhibit extremely interesting properties. They are endowed with supramolecular and structure bonding reactivities that allow them to form a variety of new compounds with sophisticated characteristics, thus making their way into a new era of materials development. It is hoped that readers of this textbook with a general background knowledge in chemistry, biogeochemistry, biochemistry, biology, food, agriculture, and also medicine, as well as pharmacy, will find the chapters enriching in new knowledge. An introductory chapter orients readership in this particular field of chemistry with a summative focus on the multidisciplinary approach employed in the compilation of the chapters. As such, the text is suitable for scientists, technologists, students, as well as those whose major interest is chalcogen chemistry, with particular interests in the chalcogen compounds and materials.

Children's Books in Print, 2007 - 2006

El-Hi Textbooks and Serials in Print - 1985

Resources in Education - 1995

Science Spectrum - Holt Rinehart & Winston 2003-03