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NEW YORK TIMES BESTSELLER • NATIONAL BOOK AWARD WINNER • From one of America's iconic writers, a stunning book of electric honesty and passion that explores an intensely personal yet universal experience: a portrait of a marriage—and a life, in good times and bad—that will speak to anyone who has ever loved a husband or wife or child. Several days before Christmas 2003, John Gregory Dunne and Joan Didion saw their only daughter, Quintana, fall ill with what seemed at first flu, then pneumonia, then complete septic shock. She was put into an induced coma and placed on life support. Days later—the night before New Year's Eve—the Dunnes were just sitting down to dinner after visiting the hospital when John Gregory Dunne suffered a massive and fatal coronary. In a second, this close, symbiotic partnership of forty years was over. Four weeks later, their daughter pulled through. Two months after that, arriving at LAX, she collapsed and underwent six hours of brain surgery at UCLA Medical Center to relieve a massive hematoma. This powerful book is Didion' s attempt to make sense of the "weeks and then months that cut loose any fixed idea I ever had about death, about illness ... about marriage and children and memory ... about the shallowness of sanity, about life itself.

The complexity of cancer demands an integrated approach from both a cancer biology standpoint and a pharmaceutical basis to understand the different anticancer modalities. Current research has been focused on conventional and newer anticancer modalities, recent discoveries in cancer research, and also the advancements in cancer treatment. There is a current need for more research on the advances in cancer therapeutics that bridge the gap between basic research (pharmaceutical drug development processes, regulatory issues, and translational experimentation) and clinical application. Recent promising discoveries such as immunotherapies, promising therapies undergoing clinical trials, synthetic lethality, carbon beam radiation, and other exciting targeted therapies are being studied to improve and advance the studies of modern cancer treatment. The Handbook of Research on Advancements in Cancer Therapeutics serves as a comprehensive guide in modern cancer treatment by combining and merging the knowledge from both cancer biology and the pharmacology of anticancer modalities. The chapters come from multi-disciplinary backgrounds, including scientists and clinicians from both academia and various industries, to discuss nascent personalized therapies and big data-driven cancer treatment. While highlighting topic areas that include cancer prevention, cancer therapeutics, and cancer treatments through the lenses of technology, medicine/drugs, and alternate therapies, this book is ideally intended for oncologists, radiation oncologists, surgical oncologists, and cancer biologists, along with practitioners, stakeholders, researchers, academicians, and students who are interested in understanding the most fundamental aspects of cancer and the available therapeutic opportunities.

The thoroughly updated new edition of the authoritative reference in Radiopharmaceutical Sciences The second edition of Handbook of Radiopharmaceuticals is a comprehensive review of the field, presenting up-to-date coverage of central topics such as radionuclide production, synthetic methodology, radiopharmaceutical development and regulations, and a wide range of practical applications. A valuable reference work for those new to the Radiopharmaceutical Sciences and experienced professionals alike, this volume explores the latest concepts and issues involving both targeted diagnostic and therapeutic radiopharmaceuticals. Contributions from a team of experts from across sub-disciplines provide readers with an immersive examination of radiochemistry, nuclear medicine, molecular imaging, and more. Since the first edition of the Handbook was published, Nuclear Medicine and Radiopharmaceutical Sciences have undergone major changes. New radiopharmaceuticals for diagnosis and therapy have been approved by the FDA, the number of clinical PET and SPECT scans have increased significantly, and advances in Artificial Intelligence have dramatically improved research techniques. This fully revised edition reflects the current state of the field and features substantially updated and expanded content. New chapters cover topics including current Good Manufacturing Practice (cGMP), regulatory oversight, novel approaches to quality control—ensuring that readers are informed of the exciting developments of recent years. This important resource: Features extensive new and revised content throughout Covers key areas of application for diagnosis and therapy in oncology, neurology, and cardiology Emphasizes the multidisciplinary nature of Radiopharmaceutical Sciences Discusses how drug companies are using modern radiopharmaceutical imaging techniques to support drug discovery Examines current and emerging applications of Positron Emission Tomography (PET) and Single Photon Emission Computed Tomography (SPECT) Edited by recognized experts in radiochemistry and PET imaging, Handbook of Radiopharmaceuticals: Radiochemistry and Applications, 2nd Edition is an indispensable reference for post-doctoral fellows, research scientists, and professionals in the pharmaceutical industry, and for academics, graduate students, and newcomers in the field of radiopharmaceuticals.

Current Pharmaceutical Design

Preparing for Future Products of Biotechnology

Army-Navy-Air Force Register and Defense Times

The Construction Chart Book

The U.S. Construction Industry and Its Workers

New York magazine was born in 1968 after a run as an insert of the New York Herald Tribune and quickly made a place for itself as the trusted resource for readers across the country. With award-winning writing and photography covering everything from politics and food to theater and fashion, the magazine's consistent mission has been to reflect back to its audience the energy and excitement of the city itself, while celebrating New York as both a place and an idea.

With the increased presence of nanomaterials in commercial products such as cosmetics and sunscreens, fillers in dental fillings, water filtration process, catalysis, photovoltaic cells, bio-detection, a growing public debate is emerging on toxicological and environmental effects of direct and indirect exposure to these materials. Nanomaterials: A Danger or a Promise? forms a balanced

overview of the health and environmental issues of nanoscale materials. By considering both the benefits and risks associated with nanomaterials, Nanomaterials: A Danger or a Promise? compiles a complete and detailed image of the many aspects of the interface between nanomaterials and their real-life application. The full cycle of nanomaterials life will be presented and critically assessed to consider and answer questions such as: How are nanomaterials made? What they are used for? What is their environmental fate? Can we make them better? Including coverage of relevant aspects about the toxicity of manufactured nanomaterials, nanomaterials life cycle, exposure issues, Nanomaterials: A Danger or a Promise? provides a comprehensive overview of the actual knowledge in these fields but also presents perspectives for the future development of a safer nanoscience. This comprehensive resource is a key reference for students, researcher, manufacturers and industry professionals alike.

Current Pharmaceutical DesignCurrent Catalog

The Everything Kids' Science Experiments Book

Fundamentals of Statistical Inference

Boil Ice, Float Water, Measure Gravity-Challenge the World Around You!

Smart Nanocontainers

Survey of Current Business

Smart Nanocontainers explores the fundamental concepts and emerging applications of nanocontainers in biomedicine, pharmaceuticals and smart materials. In pharmaceuticals, nanocontainers have advantages over their micro-counterparts, including more efficient drug detoxification, higher intracellular uptake, better stability, less side effects and higher biocompatibility with tissue and cells. In materials science, such as coating technology, they help by making coatings smarter, stronger and more durable. This important reference will help anyone who wants to learn more on how nanocontainers are used to provide the controlled release of active agents, including their applications in smart coatings, corrosion, drug delivery, diagnosis, agri-food and gas storage. Discusses how the molecular design of nanocarriers can be optimized to increase performance Explores how nanocarriers are being used to produce a new generation of active coatings Explains how nanocarriers are being used to deliver more effective nanoscale drug delivery

A unique, holistic approach covering all functions and phases of pharmaceutical research and development While there are a number of texts dedicated to individual aspects of pharmaceutical research and development, this unique contributed work takes a holistic and integrative approach to the use of computers in all phases of drug discovery, development, and marketing. It explains how applications are used at various stages, including bioinformatics, data mining, predicting human response to drugs, and high-throughput screening. By providing a comprehensive view, the book offers readers a unique framework and systems perspective from which they can devise strategies to thoroughly exploit the use of computers in their organizations during all phases of the discovery and development process. Chapters are organized into the following sections: * Computers in pharmaceutical research and development: a general overview * Understanding diseases: mining complex systems for knowledge * Scientific information handling and enhancing productivity * Computers in drug discovery * Computers in preclinical development * Computers in development decision making, economics, and market analysis * Computers in clinical development * Future applications and future development Each chapter is written by one or more leading experts in the field and carefully edited to ensure a consistent structure and approach throughout the book. Figures are used extensively to illustrate complex concepts and multifaceted processes. References are provided in each chapter to enable readers to continue investigating a particular topic in depth. Finally, tables of software resources are provided in many of the chapters. This is essential reading for IT professionals and scientists in the pharmaceutical industry as well as researchers involved in informatics and ADMET, drug discovery, and technology development. The book's cross-functional, all-phases approach provides a unique opportunity for a holistic analysis and assessment of computer applications in pharmaceutics.

A complete kit that ingeniously marries science and fun, this perfect miniature science lab--complete with a fully illustrated 96-page guide--presents 79 easy, hands-on experiments that probe the worlds of chemistry, physics, biology, geology, weather, the human body, and even astronomy. Consumable.

“The” Illustrated London News

Index to the U.S. Patent Classification

Methodology and Applications

Current List of Medical Literature

A comprehensive overview of nanomaterials that are inspired by or targeted at biology, including some of the latest breakthrough research. Throughout, valuable contributions from top-level scientists i how bionanomaterials could lead to novel devices or structures with unique properties. The first and second part cover the most relevant synthetic and bioinspired nanomaterials, including surfaces wit wettability properties, functional materials with improved adhesion or structural and functional systems based on the complex and hierarchical organization of natural composites. These lessons from n explored in the last section where bioinspired materials are proposed for biomedical applications, showing their potential for future applications in drug delivery, theragnosis, and regenerative medicine. navigational guide aimed at advanced and specialist readers, while equally relevant for readers in research, academia or private companies focused on high added-value contributions. Young research also find this an indispensable guide in choosing or continuing to work in this stimulating area, which involves a wide range of disciplines, including chemistry, physics, materials science and engineerin biology, and medicine.

This volume presents the proceedings of the Fifth International Conference on the Development of Biomedical Engineering in Vietnam which was held from June 16-18, 2014 in Ho Chi Minh City. The reflects the progress of Biomedical Engineering and discusses problems and solutions. I aims identifying new challenges, and shaping future directions for research in biomedical engineering fields inc medical instrumentation, bioinformatics, biomechanics, medical imaging, drug delivery therapy, regenerative medicine and entrepreneurship in medical devices.

Between 1973 and 2016, the ways to manipulate DNA to endow new characteristics in an organism (that is, biotechnology) have advanced, enabling the development of products that were not previou possible. What will the likely future products of biotechnology be over the next 5â€"10 years? What scientific capabilities, tools, and/or expertise may be needed by the regulatory agencies to ensure th efficient and sound evaluations of the likely future products of biotechnology? Preparing for Future Products of Biotechnology analyzes the future landscape of biotechnology products and seeks to info forthcoming policy making. This report identifies potential new risks and frameworks for risk assessment and areas in which the risks or lack of risks relating to the products of biotechnology are well

understood.
Current Catalog
Handbook of Radiopharmaceuticals
National Library of Medicine Current Catalog
Index Medicus
New York Magazine
Pharmaceuticals, due to their pseudo-persistence and biological activity as well as their extensive use in human and veterinary medicine, are a class of environmental contaminants that is of emerging concern. In contrast to some conventional pollutants, they are continuously delivered at low levels, which might give rise to toxicity even without high persistence rates. These chemicals are designed to have a specific physiological mode of action and to resist frequently inactivation before exerting their intended therapeutic effect. These features, among others, result in the bioaccumulation of pharmaceuticals which are responsible for toxic effects in aquatic and terrestrial ecosystems. It is extremely important to know how to remove them from the environment and/or how to implement procedures or treatments resulting in their biological inactivation. Although great advances have been made in their detection in aquatic matrices, there remains limited analytical methodologies available for the trace analysis of target and non-target pharmaceuticals in matrices such as soils, sediments, or biota. There are still many gaps in the data on their fate and behavior in the environment as well as on their threats to ecological and human health. This book has included nine current research and three review articles in this field.
A world list of books in the English language.
Metal-Organic Frameworks for Biomedical Applications is a comprehensive, authoritative reference that offers a substantial and complete treatment of published results that have yet to be critically reviewed. It offers a summary of current research and provides in-depth understanding of the role of metal-organic frameworks in biomedical engineering. The title consists of twenty-two chapters presented by leading international researchers in the field. Chapters are arranged by target-application in biomedical engineering, allowing medical and pharmaceutic specialists to translate current materials and engineering science on metal-organic frameworks into their work. Presents the state-of-the art in metal-organic frameworks for biomedical applications Offers comprehensive treatment of metal-organic frameworks that is useful to pharmaceutic and medical experts who are non-specialists in materials science Helps materials scientists and engineers understand the needs of biomedical engineering Critically-reviews published results and current research in the field
Scientific and Technical Aerospace Reports
Dancing Jewish
Metal-Organic Frameworks for Biomedical Applications
Handbook of Research on Advancements in Cancer Therapeutics
Commerce Business Daily
First multi-year cumulation covers six years: 1965-70.
Science has never been so easy--or so much fun! With The Everything Kids' Science Experiments Book, all you need to do is gather a few household items and you can recreate dozens of mind-blowing, kid-tested science experiments. High school science teacher Tom Robinson shows you how to expand your scientific horizons--from biology to chemistry to physics to outer space. You'll discover answers to questions like: Is it possible to blow up a balloon without actually blowing into it? What is inside coins? Can a magnet ever be "turned off"? Do toilets always flush in the same direction? Can a swimming pool be cleaned with just the breath of one person? You won't want to wait for a rainy day or your school's science fair to test these cool experiments for yourself!
Includes section, "Recent book acquisitions" (varies: Recent United States publications) formerly published separately by the U.S. Army Medical Library.
Pop Bottle Science
Pharmaceutical Residues in the Environment
A Chemical and Biological Perspective
Tissue Engineering And Novel Delivery Systems
Jewish Identity in American Modern and Postmodern Dance
Essential to anyone working in the field, this reference focuses on rencent advancements in tissue construction, repair and regeneration—examining developments in gene and drug therapy, the evolution of tissue-engineered products, and new technologies for the design of functional tissues and organ systems.
While Jews are commonly referred to as the "people of the book," American Jewish choreographers have consistently turned to dance as a means to articulate personal and collective identities; tangle with stereotypes; advance social and political agendas; and imagine new possibilities for themselves as individuals, artists, and Jews. Dancing Jewish delineates this rich history, demonstrating that Jewish choreographers have not only been vital contributors to American modern and postmodern dance, but that they have also played a critical and unacknowledged role in the history of Jews in the United States. By examining the role dance has played in the struggle between Jewish identification and integration into American life, the book moves across disciplinary boundaries to show how cultural identity, nationality, ethnicity, and gender are formed and performed through the body and its motions. A dancer and choreographer, as well as an historian, Rebecca Rossen offers evocative analyses of dances while asserting the importance of embodied methodologies to academic research. Featuring over fifty images, a companion website, and key works from 1930 to 2005 by a wide range of

artists-including David Dorfman, Dan Froot, David Gordon, Hadassah, Margaret Jenkins, Pauline Koner, Dvora Lapson, Liz Lerman, Sophie Maslow, Anna Sokolow, and Benjamin Zemach-Dancing Jewish offers a comprehensive framework for interpreting performance and establishes dance as a crucial site in which American Jews have grappled with cultural belonging, personal and collective histories, and the values that bind and pull them apart.
The Construction Chart Book presents the most complete data available on all facets of the U.S. construction industry: economic, demographic, employment/income, education/training, and safety and health issues. The book presents this information in a series of 50 topics, each with a description of the subject matter and corresponding charts and graphs. The contents of The Construction Chart Book are relevant to owners, contractors, unions, workers, and other organizations affiliated with the construction industry, such as health providers and workers compensation insurance companies, as well as researchers, economists, trainers, safety and health professionals, and industry observers.
Bio- and Bioinspired Nanomaterials
Cumulated Index Medicus
5th International Conference on Biomedical Engineering in Vietnam
Nanomaterials: A Danger or a Promise?
Nuclear Science Abstracts

Metal–organic frameworks are among the most promising novel materials. The concept of MOFs was first introduced in 1990. They were actually initially used in catalysis, gas separation, membranes, electrochemical sensors. Later on, they were introduced as SPE sorbents for PAHs (Polycyclic Aromatic Hydrocarbons) in environmental water samples, then the range expanded to the field of analytical chemistry, both in chromatographic separation and sample preparation, with great success in, e.g., SPE and SPME (Solid Phase Mico-extraction). Since then, the number of analytical applications implementing MOFs as sorbents in sorptive sample preparation approaches is increasing. This is reinforced by the fact that, at least theoretically, an infinite number of structures can be designed and synthesized, thus making tuneability one of the most unique characteristics of MOF materials. Moreover, they have been designed in various shapes, such as columns, fibers, and films, so that they can meet more analytical challenges with improved analytical features.Their exceptional properties attracted the interest of analytical chemists who have taken advantage of the unique structures and properties and have already introduced them in several sample pretreatment techniques, such as solid phase extraction, dispersive SPE, magnetic solid phase extraction, solid phase microextraction, stir bar sorptive extraction, etc.
The Year of Magical Thinking
Cumulative listing
Fossil Energy Update
Computer Applications in Pharmaceutical Research and Development
Oil, Paint and Drug Reporter