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SCIENCE DIRECT EBOOKS COLLECTION 2017:
Putting librarians and researchers 'in the know'

ScienceDirect eBooks Collection 2017

High-demand eBooks on the industry's leading research platform*

Subject Collection Name	# of 2016 Titles	# of 2017 Titles	Subject Collection Name	# of 2016 Titles	# of 2017 Titles
Agricultural, Biological and Food Sciences	90	119	Health Professions	7	6
Biochemistry, Genetics and Molecular Biology	56	52	Immunology and Microbiology	22	23
Biomedical Science and Medicine	66	76	Materials Science	101	125
Chemical Engineering	54	64	Mathematics	24	26
Chemistry	31	43	Specialty Surgery	0	19
Computer Science	79	53	Neuroscience	48	56
Earth and Planetary Sciences	41	50	Pharmacology, Toxicology and Pharmaceutical Science	34	38
Energy	52	71	Physics and Astronomy	13	12
Engineering	178	197	Psychology	28	32
Environmental Science	32	33	Social Science	53	53
Finance	18	23	Veterinary Medicine	7	7
Forensics and Security	31	25	Specialty Medicine	17	67

24 Subject Collections, with an over 11% increase in the number of 2017 titles from the original 2016 Frontlist.

* Source: *Publisher eBook Platforms – How They Stack Up*, Outsell, Inc. April 2015.

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Highlights from the 2017 Frontlist

For 2017, we're focused on high-impact areas of science and engineering, including **Agricultural, Biological and Food Sciences, Chemical Engineering, Chemistry, and Environmental Science**.

New to the list of available collections is **Health Sciences Specialty Surgery**, which includes books covering general surgery and various surgical specialties such as plastic surgery and neurosurgery.

Highlights this year include the increase of **Materials Science, Energy, and Finance** books and the inclusion of more books focused on specialty medicine.

We also continue to provide the latest research in the important areas of **Mathematics, Social Sciences, and Biochemistry Genetics and Molecular Biology**



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Agricultural, Biological and Food Sciences

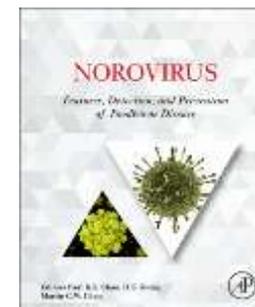
2017 eBook Frontlist Collection | 119 titles, including:

Norovirus

Features, Prevention and Detection of Foodborne Disease

Edited by Paul K S Chan; Hoi Shan Kwan and Martin C.W. Chan

Unique and valuable reference for researchers in industry and students needing to understand how this specific pathogen behaves in order to improve control of food as a transmission of this infectious biological agent. The information in this book provides essential, specific information to help further understand potential new strains of the pathogen and offers detection analysis and prevention strategies of the pathogen to assist in combatting the spread of foodborne illness.



New Aspects of Meat Quality

From Genes to Ethics

Peter Purslow, BSc, PhD

Meat Quality Aspects provides a reference source that covers what constitutes meat quality in the minds of consumers, marketers and producers in the 21st century with the same scientific authority as texts on traditional meat quality values..



The Craft and Science of Coffee

Britta Folmer

Understanding, appreciating and integrating the full value chain of coffee production. Addresses agricultural and production practices, sustainability, social impact of coffee production and consumer acceptability, and integrates research and real-world practices.

For the complete list of planned titles, visit: <http://www.elsevier.com/ScienceDirect/books>

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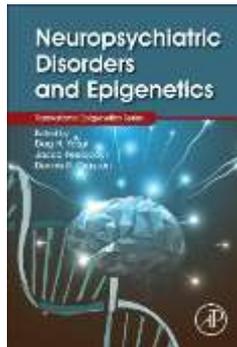
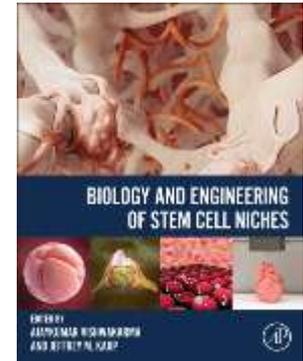
Biochemistry, Genetics and Molecular Biology

2017 eBook Frontlist Collection | 52 titles, including:

Biology and Engineering of Stem Cell Niches

Dr Ajaykumar Vishwakarma

First comprehensive single source to present stem cell niche biology in detail along with bioengineering strategies from cell level to applications. Each chapter includes link to 5-10 min Youtube© video describing the main points in their chapter presented by chapter authors who are leaders in the field.



Neuropsychiatric Disorders and Epigenetics

Dag Yasui

Provides an analysis of the epigenetic basis for common neuropsychiatric disorders and how it guides treatment, providing insight and perspective to both clinicians and basic scientists. Relates the effects of environmental stimuli on epigenetic states to neurological disease induction. This book provides extensive use of diagrams, illustrations and tables, and graphical abstracts.

Nuclear Architecture and Dynamics

Christophe Lavelle and Jean-Marc Victor

Provides a definitive resource for (bio)physicists, molecular and cellular biologists whose research involves a deep understanding of the organization of the genome and the mechanisms that pertain its proper reading, maintenance, and replication by the cell. This book brings together the biochemical and physical characteristics of genome organization, providing a relevant framework in which to interpret the control of gene expression and cell differentiation.



For the complete list of planned titles, visit: <http://www.elsevier.com/ScienceDirect/books>

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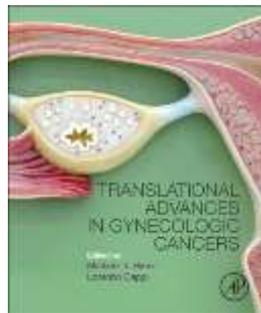
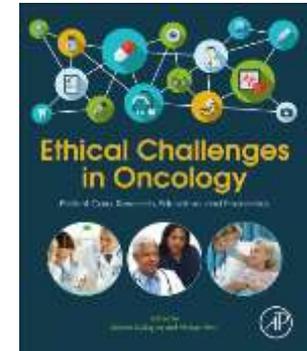
Biomedical Science and Medicine

2017 eBook Frontlist Collection | 76 titles, including:

Ethical Challenges in Oncology

Colleen Gallagher and Michael Ewer

Contains a wide variety of topics and viewpoints about ethical issues that arise in oncology throughout the full cancer care continuum. This book provides a holistic view on oncology ethics, incorporating the knowledge and expertise of authors from various departments and oncology specialties within the University of Texas MD Anderson Cancer Center..



Translational Advances in Gynecologic Cancers

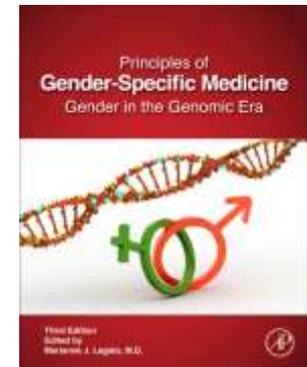
Michael Birrer

This book straddles the bench and bed divide by highlighting important and interesting research that is translatable to the clinic. The contents of this book cover the entire spectrum of promising laboratory based research to clinical trial efforts. New therapeutic indications based upon randomized phase III trials are also included.

Principles of Gender-Specific Medicine

Marianne J. Legato

The Third Edition of Principles of Gender-Specific Medicine focuses on the essentials of gender-specific medicine and the current research on sex and gender differences in human physiology and pathophysiology. All chapters progress translationally from the basic science to the clinical applications of gender-specific therapies, drugs, or treatments. Sections on drug metabolism, aging, and meta-analysis of data are incorporated into all disease-specific chapters.



For the complete list of planned titles, visit: <http://www.elsevier.com/ScienceDirect/books>

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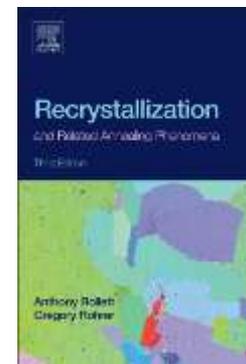
Chemical Engineering

2017 eBook Frontlist Collection | 64 titles, including:

Recrystallization and Related Annealing Phenomena, 3rd edition

Anthony Rollett and Gregory S. Rohre

Recrystallization and Related Annealing Phenomena fulfils the information needs of materials scientists in both industry and academia. The subjects treated in the book are all active research areas, forming a major part of at least four regular international conference series. This new third edition ensures the reader has access to the latest findings, essential to those working at the forefront of research in universities and laboratories.



Technologies for Biochemical Conversion of Biomass

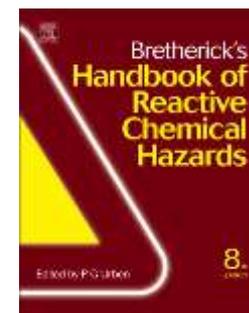
Hongzhang Chen and Lan Wang

This book introduces the basic principles and applications of biomass biochemical conversion technology using the latest scientific research and industrial applications from the field. Readers will find a systematic treatment, not only of the basics of biomass biochemical conversion and the introduction of each strategy, but also of the current advances of research in this area.

Bretherick's Handbook of Reactive Chemical Hazards , 8th edition

Dr Peter Urben

Bretherick's is widely accepted as THE reference work on reactive chemical hazards is essential for those working with chemicals and includes every chemical for which documented information on reactive hazards is available. The new edition includes available record updates and adds a number of new records.



For the complete list of planned titles, visit: <http://www.elsevier.com/ScienceDirect/books>

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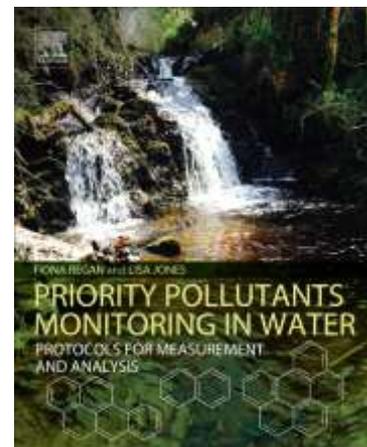
Chemistry

2017 eBook Frontlist Collection | 43 titles, including:

Priority Pollutants Monitoring in Water

Fiona Regan

The book includes all current and emerging techniques for analyzing priority pollutants and hazardous substances, and describes the application of these analytical techniques to a wide range of matrices. This book is a valuable resource for anyone interested in priority pollutants, from legislation issues to sampling, analytic techniques, and data management.



Design of Hybrid Molecules for Drug Development

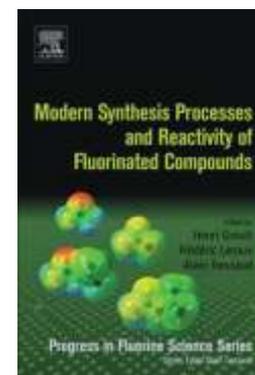
Michael Decker

Reviews current advances in the design of hybrid molecules for the development of novel drugs with improved efficacy. With its cutting-edge reviews of breaking developments in this exciting field, this book offers a novel approach for all those working in the design, development and administration of drugs for a range of debilitating disorders.

Modern Synthesis Processes and Reactivity of Fluorinated Compounds

Henri Groult, Frederic Leroux and Alain Tressaud

This comprehensive work explores examples taken from all classes of fluorine chemistry and illustrates the extreme reactivity of fluorinating media and the peculiar synthesis routes to fluorinated materials. It provides advanced and updated information on the latest synthesis routes to fluorocompounds and on the involved reaction mechanisms.



For the complete list of planned titles, visit: <http://www.elsevier.com/ScienceDirect/books>

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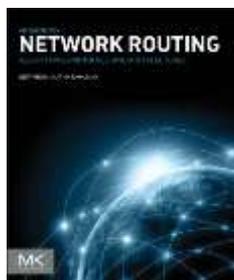
Computer Science

2017 eBook Frontlist Collection | 53 titles, including:

Mobile Cloud Computing

Huijun Wu and Dijiang Huang

The book describes mobile cloud computing concepts with particular focus on a user-centric approach, presenting a distributed mobile cloud service model called "POEM" to manage mobile cloud resource and compose mobile cloud applications. It looks at mobile cloud computing service model approaches, including one-to-one, one-to-many, and many-to-many mobile offloading/composition. The book concludes with a close examination of the security and privacy issues of mobile clouds.



Network Routing

Algorithms, Protocols, and Architectures

Deepankar Medhi

This book bridges the gap between theory and practice in network routing, considering routing paradigms and their interoperability, while also discussing algorithms, protocols, and analysis.

FTTX Networks

Technology Implementation and Operation

James Farmer, Brian Lane, Kevin Bourg and Weyl Wang

This book will help users learn how to design and implement FTTX as a solution to the challenges of delivering high bandwidth to subscribers, including discussions of the environment that gave rise to FTTX, a survey of the available FTTX technologies, and information on the state-of-the-art knowledge needed for successful deployment of FTTX.



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Earth and Planetary Sciences

2017 eBook Frontlist Collection | 50 titles, including:

Practical Petroleum Geochemistry for Exploration and Production

Harry Dembicki

Provides readers with a single reference that addresses the principle concepts and applications of petroleum geochemistry to the finding, evaluating, and production of petroleum deposits. .

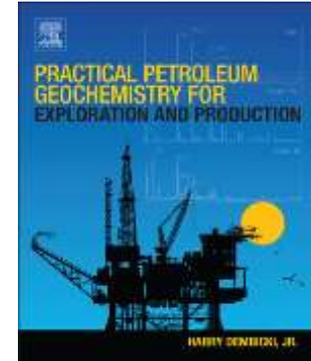


Image sources:
shalegas.cleantechpoland.com

Shale Gas

Exploration and Environmental and Economic Impacts

Anurodh Mohan Dayal and Devleena Mani

A guide to shale gas exploration for geoscientists, the oil and gas industry, and anyone with a vested interest in unconventional oil and gas development

Social Network Analysis of Disaster Response, Recovery, and Adaptation

Eric C Jones and A.J. Faas

An international collection of studies on the impact of societal relationships and disaster management.

For the complete list of planned titles, visit: <http://www.elsevier.com/ScienceDirect/books>

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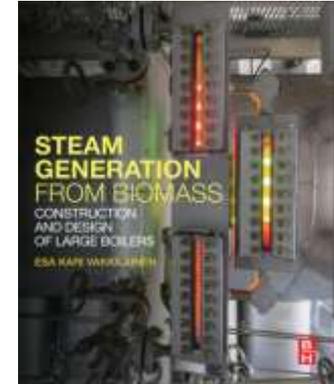
Energy

2007 eBook Frontlist Collection | 71 titles, including:

Steam Generation from Biomass

Esa Kari Vakkilainen

Covers steam generator engineering for biomass combustion in depth. It presents the design process, and allows the understanding of not only the function of different components of a steam generator, but also what design choices have been made. Automated design and dimensioning calculation spreadsheets are available for download at the book's companion website.



Greenhouse Gases Balance of Bioenergy Systems

Patricia Thornley and Paul Adams

A multidisciplinary guide for assessment and reduction of GHG emissions in the bioenergy life-cycle, from biomass establishment and production through processing, conversion and energy product delivery.

Handbook of Biotechnology-Based Alternative Fuels

Abdel Salam Hamdy Makhlouf, Ph.D. and Majid Hosseini

Encompasses fundamental studies, applications and recent progress, challenges, and breakthroughs related to alternative fuels. In its chapters, world-class researchers and specialists present the current knowledge in the areas of biotechnology-based alternative fuels, such as bioethanol, biobutanol, biodiesel, biohydrogen, biochar, biocrude, biogas and biohydrogen.



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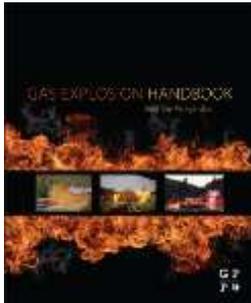
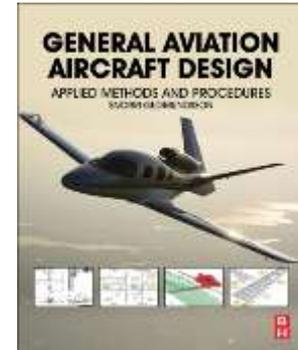
Engineering

2017 eBook Frontlist Collection | 197 titles, including:

General Aviation Aircraft Design

Snorri Gudmundsson

Find the right answer the first time with this practical handbook of preliminary aircraft design. Written by an engineer with close to 20 years of design experience, this book provides the practicing engineer with a versatile handbook that serves as the first source for finding answers to realistic aircraft design questions.



Gas Explosion Handbook

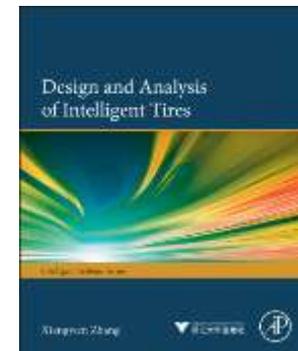
Kees Van Wingerden

Presenting an overview of the latest research on gas explosion hazards, the book covers all aspects of the topic to help prevent accidents, injury, loss of life, and capital damage

Design and Analysis of Intelligent Tires

Xiangwen Zhang

A handy reference on the critical aspects involved in the manufacture of intelligent tires, including properties analysis and application development



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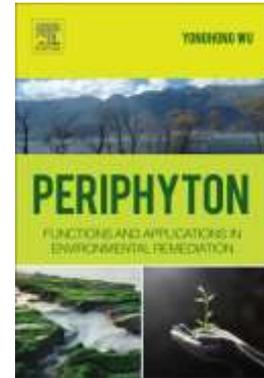
Environmental Science

2017 eBook Frontlist Collection | 33 titles, including:

Periphyton

Yonghong Wu

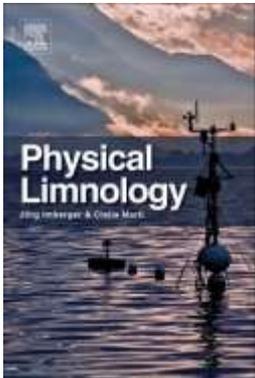
This book presents a systematic overview of a wide variety of periphyton functions and applications in environmental remediation, providing readers with an understanding of the biological/ecological features of periphyton, the methodology of their study, and their application in environmental conservation.



Physical Limnology

Jorg Imberger and Clelia Marti

Featuring the latest challenges in physical limnology and practical guidance for effectively managing inland waters, this seminal book by a leading experts is the first to cover in detail the motion, dispersion and mixing of water in lakes, rivers, wetlands, and estuaries



Atmospheric Impacts of the Oil and Gas Industry

Eduardo P Olaguer

The book outlines the air quality and global change issues that must be addressed, and the state-of-the-art scientific and technological tools required, to ensure the sustainability of oil and gas exploration and production.

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Finance

2017 eBook Frontlist Collection | 23 titles, including:

Advanced Macroeconomics: An Alternative Approach

Kumaraswamy Velupillai

A comprehensive, historical reconsideration of macroeconomics that transcends traditional neoclassical models



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Image Credit: Peshkova/Shutterstock

Entrepreneurship and the Finance of Innovation in Emerging Markets

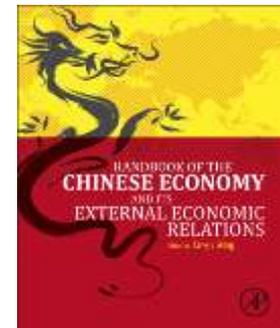
Lourdes Casanova, Peter Cornelius and Soumitra Dutta

Presents a compelling description of the ways micro and macro foundations of entrepreneurship and innovation combine with financing opportunities

Handbook of the Chinese Economy and Its External Economic Relations

Kar-riu Wong

Provides a detailed look at China's economic relations with other regions and countries, and includes significant data archive



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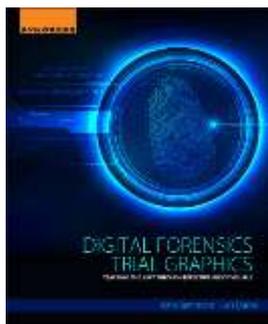
Forensics and Security

2017 eBook Frontlist Collection | 25 titles, including:

Deception in the Digital Age

Cameron H. Malin

Learn how to develop a criminal profile of malicious code attackers through both technical profiling and behavioral analysis.



Digital Forensics Trial Graphics

John Sammons and Lars Danie

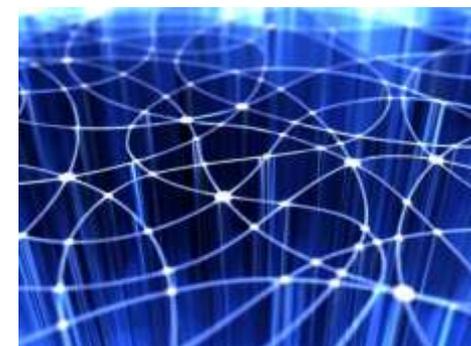
This book helps digital forensics practitioners explain to laypeople the critical systems and processes used in the discovery and preservation of digital forensic evidence, including invaluable information on theory and best practices, along with guidance on how to design and deliver successful explanations.

The Art and Science of Security Design

A Holistic Approach to Integrated Solutions

Richard Grassie

This book provides users with a comprehensive methodology for incorporating risk analysis into security design to create a truly effective and holistic security solution.



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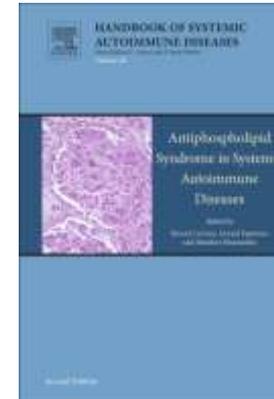
Immunology and Microbiology

2017 eBook Frontlist Collection | 23 titles, including:

Antiphospholipid Syndrome in Systemic Autoimmune Diseases

Ricard Cervera, Gerard Espinosa and Munther Khamashta, MD, FRCP, PhD

Fully revised and updated, Antiphospholipid Syndrome in Systemic Autoimmune Diseases, Second Edition, provides an overview of our current understanding of this major autoimmune disease that causes abnormal blood clots



Antimicrobial Stewardship (AMS)

Onder Ergonul

Provides updated knowledge on bacterial resistance and recent developments on antimicrobial stewardship

Ticks of Trinidad and Tobago - An Overview

Asoka Kumar Basu

This booklet focuses on the tick species prevalent in Trinidad and Tobago (T&T), their distribution, associated pathogens, their effects on the host and control methods. The basic biology of ticks are also reviewed.



For the complete list of planned titles, visit: <http://www.elsevier.com/ScienceDirect/books>

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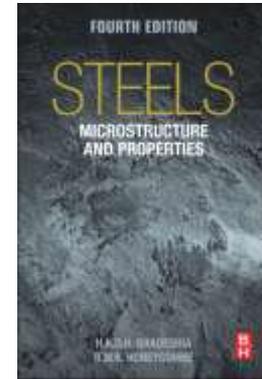
Materials Science

2017 eBook Frontlist Collection | 125 titles, including:

Steels: Microstructure and Properties

Harry Bhadeshia, Ph.D. and Robert Honeycombe

The fourth edition has been thoroughly updated with expanded content, several new chapters, and improved organization, while retaining its clear writing style, extensive bibliographies and real-life examples. This title remains an essential text and reference, providing indispensable foundational content for researchers, metallurgists and engineers in industry and academia.



Plasma Etching For CMOS Devices Realization

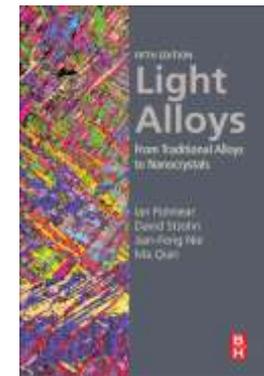
Nicolas Posseme

A precise understanding of varying CMOS devices and the etch issues encountered in the microelectronics industry.

Light Alloys

Ian Polmear, Jian Ne, Ma Qian, Ph.D. and David St. John, Ph.D.

The definitive overview of the science and metallurgy of aluminum, magnesium, titanium and beryllium alloys, this is the only book available covering the background materials science, properties, manufacturing processes and applications of these key engineering metals in a single accessible volume. Use of these metals is now more widespread than ever, and they are routinely found in motor vehicles and aircraft. New material includes materials characteristics and applications; heat treatment properties; fabrication; microstructure/property relationships; new applications and processes.



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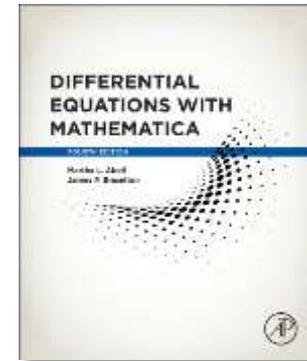
Mathematics

2017 eBook Frontlist Collection | 26 titles, including:

Differential Equations with Mathematica

Martha L. Abell and James P. Braselton

This is an extensive revision of the mammoth reference which updates all major classes of differential equations to the much-enhanced Mathematica 10.0 standard, focusing particularly on application examples and making full use of the extended graphical capabilities of the latest release



Engineering Mathematics with Examples

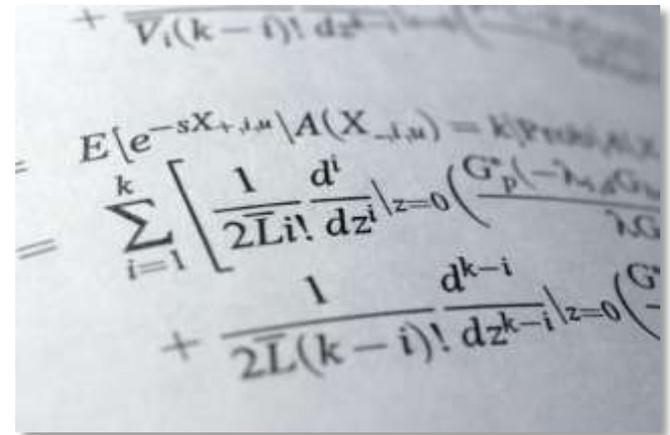
Xin-She Yang

A compact and highly accessible introduction to many of the most pertinent areas of applied mathematics relevant to the engineering profession.

Handbook of Statistical Analysis and Data Mining Applications

Robert Nisbet, Gary Miner and John Elder, IV

This essential reference is for business analysts, scientists, engineers, and researchers who want to understand the strengths and weaknesses of modern data mining algorithms, as well as analyze massive, complex datasets using the latest statistical approaches. Features clear, intuitive explanations of novel analytical tools and techniques, and their practical applications.



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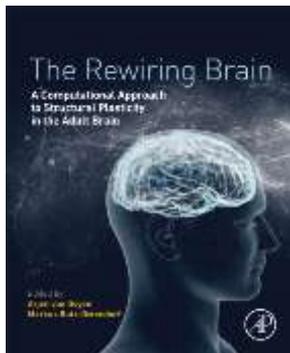
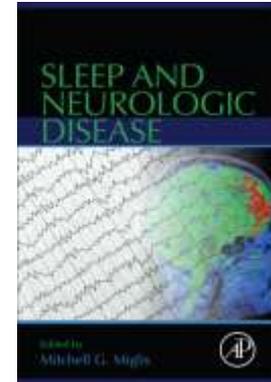
Neuroscience

2017 eBook Frontlist Collection | 56 titles, including:

Sleep and Neurologic Disease

Mitchell G. Miglis

Comprehensive reference detailing the mechanisms and treatment of how common neurological illnesses impact sleep and the impact of sleep disorders on neurologic disease



The Rewiring Brain

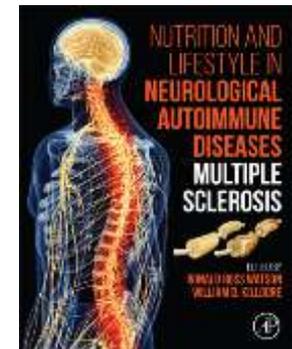
Arjen van Ooyen and Markus Butz-Ostendorf

In this book, the editors bring together for the first time recent modelling studies that investigate the implications of structural plasticity for brain function and connectivity. It contains a valuable overview of contemporary computational and theoretical studies on structural plasticity.

Nutrition and Lifestyle in Neurological Autoimmune Diseases

Ronald Ross Watson and William D. Killgore

Discusses important discoveries relating to types and efficacy of nutritional and lifestyle responses to symptoms and reoccurrence of MS. Each chapter defines a new approach to use in foods, dietary supplements, exercise, behavior and/or lifestyle in health promotion and symptoms management for MS.



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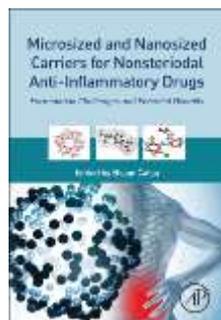
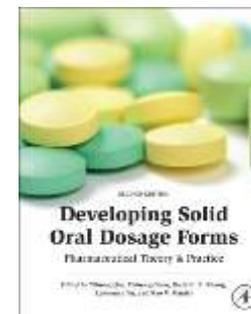
Pharmacology, Toxicology and Pharmaceutical Science

2017 eBook Frontlist Collection | 38 titles, including:

Developing Solid Oral Dosage Forms

Yihong Qiu, Yisheng Chen, Geoff G.Z. Zhang, Lawrence Yu and Rao V. Mantri

The second edition of this book illustrates how to develop high-quality, safe and effective pharmaceutical products by discussing the latest techniques, tools and scientific advances in preformulation investigation, formulation and process design, characterization and scale-up and production operations.



Microsized and Nanosized Carriers for Nonsteroidal Anti-Inflammatory Drugs

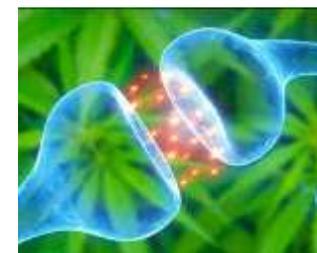
Bojan Čalija

A thorough reference dedicated to improving the delivery of NSAIDs by encapsulation in microsized and nanosized carriers through a variety of formulation strategies, practical solutions and case studies.

Discovery and Development of Neuroprotective Agents From Natural Products

Goutam Brahmachari

Reviews the medicinal chemistry of, and latest developments in, the identification and chemical development of neuroprotective agents from natural sources. Comprehensive coverage of cutting-edge research advances in the design of drugs from natural products targeted at different kinds of neurodegenerative diseases



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Physics and Astronomy

2017 eBook Frontlist Collection | 12 titles, including:

Advances in Semiconductor Nanostructures

Alexander V. Latyshev, Anatoliy V. Dvurechenskii and Alexander L. Aseev
Comprehensive reference providing novel physical phenomena and properties of semiconductor nanostructures. The very comprehensive nature of the book makes it an indispensable source of information for researchers, scientists and post-graduate students in the field of semiconductor physics, condensed matter physics, and physics of nanostructures and helps them in their daily research.

Introduction to Magnetic Reconnection in Plasmas

Francesco Porcelli

This book provides an introduction to the theory of magnetic reconnection while emphasizing basic mathematical tools and concepts. Reading the book will enable both students and specialists to tackle the vast body of scientific literature on the subject.



Image source: wcsu.edu

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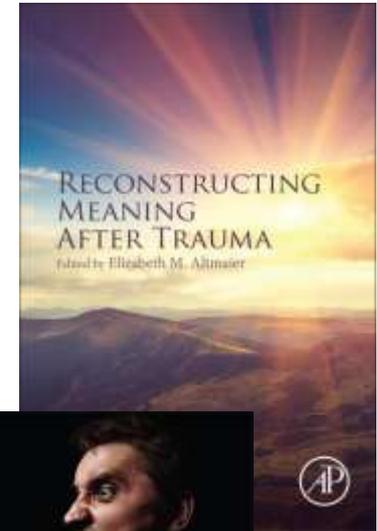
Psychology

2017 eBook Frontlist Collection | 32 titles, including:

Reconstructing Meaning After Trauma

Elizabeth M Altmaier

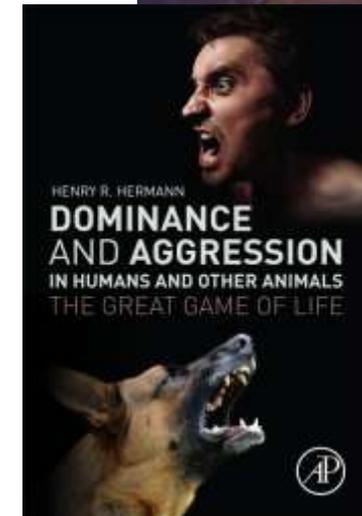
This book covers identifiable treatments and specific lines of research in assisting clients in developing new meaning, such as posttraumatic growth (after sexual assault, diagnosis and treatment of cancer, destructive natural phenomena such as hurricanes, and refugee experiences) and finding benefit (in the context of loss—loss of health, or loss of the a loved one).



Dominance and Aggression in Humans and Other Animals

Henry R. Hermann

This author treats the human species as first and foremost an animal, but one with special traits and a strong influence on Earth's other biota. The book discusses social behavior as it relates to dominance and aggression and how humans are similar to and different from other animals in their acts of dominance and aggression. The book discusses the chemical, physical, and genetic components of aggression and how animalistic features influence human thinking and behavior.



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Social Sciences

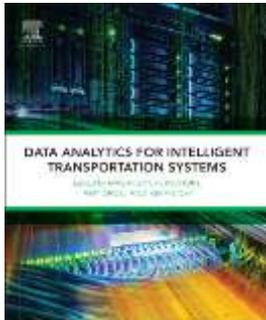
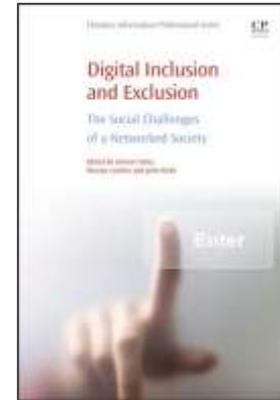
2017 eBook Frontlist Collection | 53 titles, including:

Digital Inclusion and Exclusion

The Social Challenges of a Networked Society

Simeon Yates, Eleanor Lockley and John Kirby

This book explores, through the use of empirical evidence, including national data sets and local community studies, the social issues that arise from digital exclusion and the digital inclusion approaches taken by government, the third sector, and private enterprise.



Data Analytics for Intelligent Transportation Systems

Mashrur Chowdhury, Amy Apon and Kakan De

Shows how using data improves transportation management decisions, mobility and efficiency, and reduces transportation environmental impacts



Academic Librarianship, Publishing, and the Tenure Track

Creative Strategies for Scholarly Success

Karl Madden

This text examines how the publishing process is critical to the tenure track for academic librarians, including the roles of creativity and passion.

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Specialty Medicine

2017 eBook Frontlist Collection | 67 titles, including:

Hematology, 7th edition

Ronald Hoffman, MD, Edward J. Benz, Jr., MD, Leslie E. Silberstein, MD, Helen Heslop, MD, Jeffrey Weitz, MD and John Anastasi, MD

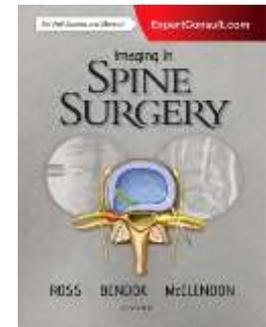
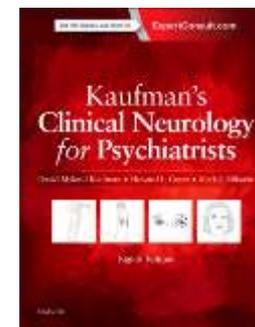
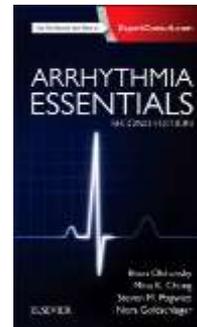
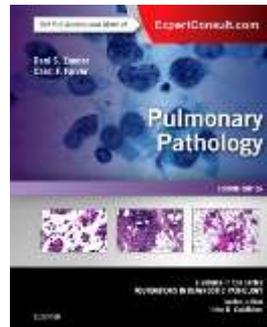
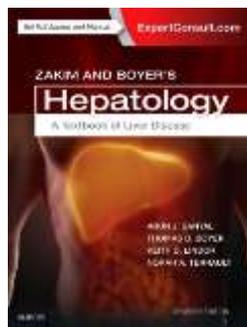
This leading text reflects both the new direction and explosive growth of the field of hematology. Edited and written by practitioners who are the leaders in the field, the book covers basic scientific foundations of hematology while focusing on its clinical aspects. Contains over 1,000 vivid images selected by a hematopathology image consultant.

Plotkin's Vaccines, 7th edition

Stanley A. Plotkin, MD, Walter Orenstein, MD and Paul A. Offit, MD

Apply the latest vaccination knowledge with a reference that Bill Gates calls "an indispensable guide to the enhancement of the well-being of our world." Inside Vaccines, you'll find comprehensive and current coverage of every aspect of vaccination, from the development of each vaccine to its use in reducing disease.

Also includes:



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Specialty Surgery

2017 eBook Frontlist Collection | 19 titles, including:

**NEW for
2017!**

Principles of Neurological Surgery, 4th edition

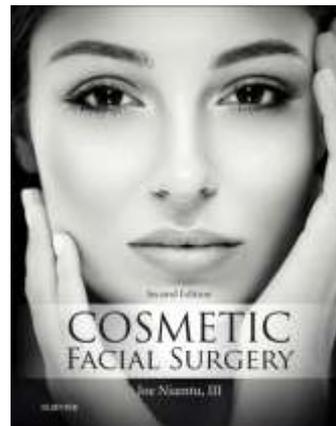
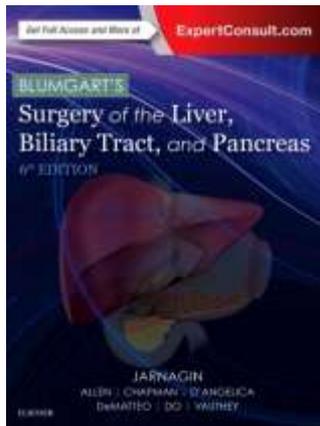
Richard G. Ellenbogen, MD, FACS, Laligam N Sekhar, MD, FACS and Neil Kitchen

Covers the entire breadth and width of neurosurgery, and its stated purpose is, in the words of former legendary editor Setti S. Rengachary, to be "comprehensive without being encyclopedic". It familiarizes you with the latest advances in the field, including neuroimaging, the medical and surgical treatment of epilepsy, minimally invasive techniques, and new techniques in position and incisions.

Operative Techniques: Knee Surgery, 2nd edition

Provides all the how-to step-by-step guidance to understand the latest and best techniques in sports knee surgery. The complete, lavishly illustrated volume covers hot topics such as knee arthroscopy and meniscus, articular cartilage procedures, knee ligament procedures, and patellofemoral procedures.

Also includes:



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Health Professions

2017 eBook Frontlist Collection | 6 titles, including:

Maxillofacial Surgery, 3rd edition

Peter Prof. Brennan, Henning Prof Dr Schliephake, G.E. Dr. Ghali, DDS, MD, FACS and Luke Cascarini

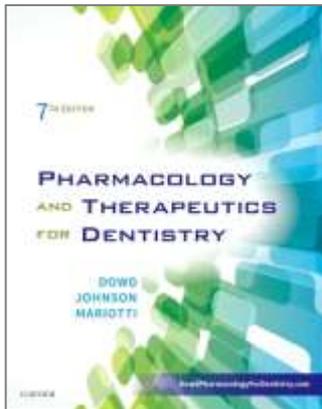
This updated edition features 29 new chapters reflecting new topics such as salivary glands, thyroid and parathyroid glands, and state-of-the-art chapters on tissue engineering, navigational surgery, 3D modeling, and lasers in OMFS. Also includes a more expansive section on oncology.

Clinical Reasoning in Musculoskeletal Practice, 2nd edition

Mark A Jones, BSc(Psych) Cert Phys Ther, Grad Dip Advan Manip Ther, MAppSc(Manip Ther) and Darren A Rivett, BAppSc((Phty), GradDipManipTher, MAppSc(ManipPhty), PhD, MAICD, APAM, MMCTA(Hon)

A practical text covering the theory and most importantly the practice of clinical reasoning skills for all physiotherapists. This book provides the reader with opportunities to improve their reasoning through facilitated analysis of case studies and access to the reasoning of experts from around the world for comparison to their own.

Also included:



For the complete list of planned titles, visit: <http://www.elsevier.com/ScienceDirect/books>

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Veterinary Medicine

2017 eBook Frontlist Collection | 7 titles, including:

Veterinary Medicine: A Textbook of the Diseases of Cattle, Horses, Sheep, Pigs and Goats, 11th Edition

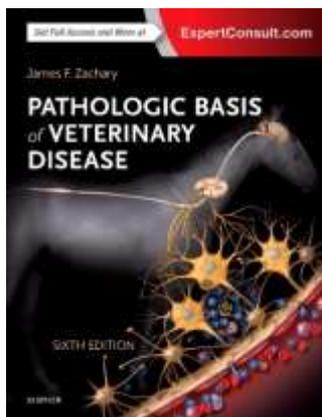
Peter D. Constable, BVSc, MS, PhD, Dipl ACVIM, Kenneth W Hinchcliff, BVSc, MS, PhD, DACVIM (Large Animal) and Stanley H. Done, BA, BVetMed, PhD, DECPHM, DECVF, FRCVS, FRCPath

Veterinary Medicine is a comprehensive textbook of the diseases of cattle, horses, sheep, pigs and goats that addresses the needs of both students and large/mixed animal veterinary practitioners. It is extensively used as a reference by veterinarians around the world, attaining international recognition and acceptance with several translations.

Exotic Animal Formulary, 5th edition

A quick, concise reference to the drugs and dosages used to treat exotic animals. Species covered include birds, fish, amphibians, reptiles, primates, wildlife, and all kinds of small mammals and "pocket pets." Written by clinical and research veterinarian James Carpenter, this book is the only drug formulary on the market created solely for the treatment of exotic animals.

Also includes:



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