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**Electron Spin Resonance** - 1982

The New Handbook of Organizational Communication - Fredric M. Jablin  
2004-12-17

This handbook provides an analysis of

the latest advances in this exciting field. It assists in establishing a clear identity that has grown over the latter part of the century. The contributors provide a more multidisciplinary perspective drawing

from the fields of organizational behavior, management studies and communication.

*Saturated Heterocyclic Chemistry* - 1977

Plant Response to Air Pollution -

Mohammed Yunus 1996-09-10

Air pollution poses a serious threat to human health and the environment worldwide. It contributes significantly to regional and global atmospheric issues such as global warming, acidification and depletion of the ozone layer. It affects every living thing, including all kinds of vegetation on which we depend for our survival. Although several works have appeared on air pollution, few, are able to provide the broad background that encompasses the whole gamut of plant responses to atmospheric

insult. This multi-authored work integrates the varied plant growth responses to the pollution stress; the focus of the attention is plant rather than pollutant. This portrays a clearer picture of plant performance versus air pollution, and helps develop a better insight of the pollution-based disturbances at the different levels of plant life. The book shall interest both students and researchers of environmental botany and forestry as well as all those who love plants and have any interest towards global vegetation and environmental health.

*Properties of Gallium Arsenide* - M. R. Brozel 1996

It was in 1986 that INSPEC (The Information Division of the Institution of Electrical Engineers) published the book *Properties of*

Gallium Arsenide. Since then, major developments have taken place. This third edition is comprised of 150 specially commissioned articles contributed by experts from the USA, Europe and Japan.

Social Capital Theory - Julia Häuberer 2010-10-27

The field of social capital still lacks a recognized general theory. Accordingly, various and sometimes inappropriate measurements are used for it. Julia Häuberer contributes to filling in this gap and provides progress towards the creation of a formalized social capital theory based on the founding concepts of social capital of Bourdieu (1983) and Coleman (1988), and current concepts of Putnam (2000), Burt (1992) and Lin (2001). The second part of the monograph focuses on the quality of

measurements of the more general concept of social capital derived in the first part. Therefore, the telephone survey "Social Relationships among Czech Citizens" conducted as a test-retest experiment is analyzed. This book is valuable reading for academics in Sociology and Political Science.

*Molecular Materials* - Duncan W. Bruce 2011-04-04

"... the book does an excellent job of putting together several different classes of materials. Many common points emerge, and the book may facilitate the development of hybrids in which the qualities of the "parents" are enhanced." –Angew. Chem. Int. Ed. 2011 With applications in optoelectronics and photonics, quantum information processing, nanotechnology and data storage,

molecular materials enrich our daily lives in countless ways. These materials have properties that depend on their exact structure, the degree of order in the way the molecules are aligned and their crystalline nature. Small, delicate changes in molecular structure can totally alter the properties of the material in bulk. There has been increasing emphasis on functional metal complexes that demonstrate a wide range of physical phenomena. Molecular Materials represents the diversity of the area, encapsulating magnetic, optical and electrical properties, with chapters on: Metal-Based Quadratic Nonlinear Optical Materials Physical Properties of Metallomesogens Molecular Magnetic Materials Molecular Inorganic Conductors and Superconductors Molecular Nanomagnets Structured to

include a clear introduction, a discussion of the basic concepts and up-to-date coverage of key aspects, each chapter provides a detailed review which conveys the excitement of work in that field. Additional volumes in the Inorganic Materials Series: Low-Dimensional Solids | Molecular Materials | Porous Materials | Energy Materials  
**Zentralorgan für die gesamte Chirurgie und ihre Grenzgebiete - 1925**

*Saturated Heterocyclic Chemistry* - M F Ansell 2007-10-31

Specialist Periodical Reports provide systematic and detailed review coverage of progress in the major areas of chemical research. Written by experts in their specialist fields the series creates a unique service

for the active research chemist, supplying regular critical in-depth accounts of progress in particular areas of chemistry. For over 90 years The Royal Society of Chemistry and its predecessor, the Chemical Society, have been publishing reports charting developments in chemistry, which originally took the form of Annual Reports. However, by 1967 the whole spectrum of chemistry could no longer be contained within one volume and the series Specialist Periodical Reports was born. The Annual Reports themselves still existed but were divided into two, and subsequently three, volumes covering Inorganic, Organic, and Physical Chemistry. For more general coverage of the highlights in chemistry they remain a 'must'. Since that time the SPR series has altered according to the

fluctuating degree of activity in various fields of chemistry. Some titles have remained unchanged, while others have altered their emphasis along with their titles; some have been combined under a new name whereas others have had to be discontinued. The current list of Specialist Periodical Reports can be seen on the inside flap of this volume.

**The Structure of Ionic Liquids** -  
Ruggero Caminiti 2013-11-09

This volume describes the most recent findings on the structure of ILs interpreted through cutting-edge experimental and theoretical methods. Research in the field of ionic liquids (ILs) keeps a fast and steady pace. Since these new-generation molten salts first appeared in the chemistry and physics landscape, a

large number of new compounds has been synthesized. Most of them display unexpected behaviour and possess stunning properties. The coverage in this book ranges from the mesoscopic structure of ILs to their interaction with proteins. The reader will learn how diffraction techniques (small and large angle X-Ray and neutron scattering, powder methods), X-Ray absorption spectroscopies (EXAFS/XANES), optical methods (IR, RAMAN), NMR and calorimetric methods can help the study of ILs, both as neat liquids and in mixtures with other compounds. It will enable the reader to choose the best method to suit their experimental needs. A detailed survey of theoretical methods, both quantum-chemical and classical, and of their predictive power will accompany the exposition

of experimental ones. This book is a must read for postgraduate students, for post-docs, and for researchers who are interested in understanding the structural properties of ILs. Nutrient Requirements of Poultry - National Research Council 1994-02-01 This classic reference for poultry nutrition has been updated for the first time since 1984. The chapter on general considerations concerning individual nutrients and water has been greatly expanded and includes, for the first time, equations for predicting the energy value of individual feed ingredients from their proximate composition. This volume includes the latest information on the nutrient requirements of meat- and egg-type chickens, incorporating data on brown-egg strains, turkeys, geese,

ducks, pheasants, Japanese quail, and Bobwhite quail. This publication also contains new appendix tables that document in detail the scientific information used to derive the nutrient requirements appearing in the summary tables for each species of bird.

**International Medical and Surgical Survey** - 1924

**The small intestine. The large intestine. Herniation and eventration of the diaphragm. The gallbladder and the bile ducts. Spleen, liver and pancreas** - Jacob Buckstein 1953

*Bone and Soft Tissue Pathology* - Andrew L. Folpe, MD 2009-08-04  
*Bone and Soft Tissue Pathology: A Volume in the Diagnostic Pathology Series*, by Andrew L. Folpe, MD and

Carrie Y. Inwards, MD, packs today's most essential bone and soft tissue pathology know-how into a compact, high-yield format! The book's pragmatic, well-organized approach-complemented by abundant full-color, high-quality illustrations and at-a-glance tables-makes it easy to access the information you need to quickly and accurately identify pathology specimens. Best of all, Expert Consult functionality provides online access to the full text of the book, downloadable illustrations for your personal use, and more. The result is a practical, affordable reference for study and review as well as for everyday clinical practice. Includes access to the complete contents online, fully searchable, downloadable illustrations for your personal use, and more, allowing you

to consult the text a quick, convenient manner. Reviews normal histology before examining abnormal findings, enabling you to conveniently compare their characteristics in one place at one time. Covers both neoplastic and non-neoplastic conditions of bone and soft tissue to equip you to meet a wide range of diagnostic challenges. Uses a consistent, user-friendly format to explore each entity's clinical features, pathologic features (gross and microscopic), ancillary studies, differential diagnoses, and prognostic and therapeutic considerations...making it easy to locate specific information on a particular entity. Features abundant boxes and tables throughout that enhance the presentation and accessibility of the

material. Offers nearly 1,000 full-color, high-quality illustrations that demonstrate the key features of a wide variety of pathologic lesions to facilitate greater accuracy in identification of specimens. The Foundations in Diagnostic Pathology Series answers the call for fresh, affordable, and easy-to-use guidance. Each region-specific volume provides all of the most essential information on the pathologic entities encountered in practice. Series Editor: John R. Goldblum, MD, FACP, FASCP, FACG Your purchase entitles you to access the web site until the next edition is published, or until the current edition is no longer offered for sale by Elsevier, whichever occurs first. Elsevier reserves the right to offer a suitable replacement product (such as

a downloadable or CD-ROM-based electronic version) should access to the web site be discontinued.

### **Long Acting Injections and Implants -**

Jeremy C. Wright 2012-01-29

Long acting injections and implants improve therapy, enhance patient compliance, improve dosing convenience, and are the most appropriate formulation choice for drugs that undergo extensive first pass metabolism or that exhibit poor oral bioavailability. An intriguing variety of technologies have been developed to provide long acting injections and implants. Many considerations need to go into the design of these systems in order to translate a concept from the lab bench to actual therapy for a patient. This book surveys and summarizes the field. Topics covered

in Long Acting Injections and Implants include the historical development of the field, drugs, diseases and clinical applications for long acting injections and implants, anatomy and physiology for these systems, specific injectable technologies (including lipophilic solutions, aqueous suspensions, microspheres, liposomes, in situ forming depots and self-assembling lipid formulations), specific implantable technologies (including osmotic implants, drug eluting stents and microfabricated systems), peptide, protein and vaccine delivery, sterilization, drug release testing and regulatory aspects of long acting injections and implants. This volume provides essential information for experienced development professionals but was

also written to be useful for scientists just beginning work in the field and for others who need an understanding of long acting injections and implants. This book will also be ideal as a graduate textbook.

**The Science of Learning and Development** - Pamela Cantor  
2021-06-22

This essential text unpacks major transformations in the study of learning and human development and provides evidence for how science can inform innovation in the design of settings, policies, practice, and research to enhance the life path, opportunity and prosperity of every child. The ideas presented provide researchers and educators with a rationale for focusing on the specific pathways and developmental

patterns that may lead a specific child, with a specific family, school, and community, to prosper in school and in life. Expanding key published articles and expert commentary, the book explores a profound evolution in thinking that integrates findings from psychology with biology through sociology, education, law, and history with an emphasis on institutionalized inequities and disparate outcomes and how to address them. It points toward possible solutions through an understanding of and addressing the dynamic relations between a child and the contexts within which he or she lives, offering all researchers of human development and education a new way to understand and promote healthy development and learning for diverse, specific youth regardless of race,

socioeconomic status, or history of adversity, challenge, or trauma. The book brings together scholars and practitioners from the biological/medical sciences, the social and behavioral sciences, educational science, and fields of law and social and educational policy. It provides an invaluable and unique resource for understanding the bases and status of the new science, and presents a roadmap for progress that will frame progress for at least the next decade and perhaps beyond.

*Kidney Disease and Nephrology Index - 1976-07*

*Autoxidation in Food and Biological Systems - M.G. Simic 2013-06-29*

The material presented in this book deals with basic mechanisms of free radical reactions in autoxidation

processes and antioxidant suppression of autoxidation of foods, biochemical models and biological systems. Autoxidation in foods and corresponding biological effects are usually approached separately although recent mechanistic developments in the biochemistry and free radical chemistry of peroxides and their precursors tend to bring these two fields closer. Apparent ability of antioxidants in diets to reduce the incidence of cancer has resulted in scrutiny of autoxidized products and their precursors as possibly toxic, mutagenic and carcinogenic agents. Mechanisms of any of these effects have been barely addressed. Yet we know now that free radicals, as esoteric as they were only a few decades ago, are being discovered in foods, biochemical and

biological systems and do play a role in the above-mentioned causalities. The purpose of the Workshop and the resulting book was to give a unifying approach towards study of beneficial and deleterious effects of autoxidation, based on rigorous scientific considerations. It is our hope that the material presented in this book will not only provide a review of the "state of the art" of autoxidation and anti oxidants, but also reflect the interaction which occurred during the Workshop between workers using model systems, and food and biological systems.

### **Rhythmic Aspects of Behavior -**

Frederick M. Brown 2020-09-07

Originally published in 1982, this book provides rich evidence of the relevance of the temporal aspects of behavior. The generalized areas of

learning, memory, operant scheduled behavior, task performance, vigilance, mood and motivation and their rhythmic components are explored in varying detail. The particularized measures range from on-the-job errors, through reading efficiency to milliseconds of change in reaction time in the laboratory. The subjects range from ants to older persons. Across this range of settings, subjects, and behaviors, the message is clear: there is an interaction between time and behavior.

### **Goal-Directed Decision Making -**

Richard W. Morris 2018-08-23

Goal-Directed Decision Making: Computations and Neural Circuits examines the role of goal-directed choice. It begins with an examination of the computations performed by

associated circuits, but then moves on to in-depth examinations on how goal-directed learning interacts with other forms of choice and response selection. This is the only book that embraces the multidisciplinary nature of this area of decision-making, integrating our knowledge of goal-directed decision-making from basic, computational, clinical, and ethology research into a single resource that is invaluable for neuroscientists, psychologists and computer scientists alike. The book presents discussions on the broader field of decision-making and how it has expanded to incorporate ideas related to flexible behaviors, such as cognitive control, economic choice, and Bayesian inference, as well as the influences that motivation, context and cues have on behavior and decision-making.

Details the neural circuits functionally involved in goal-directed decision-making and the computations these circuits perform. Discusses changes in goal-directed decision-making spurred by development and disorders, and within real-world applications, including social contexts and addiction. Synthesizes neuroscience, psychology and computer science research to offer a unique perspective on the central and emerging issues in goal-directed decision-making.

**British Abstracts** - 1952

How People Learn - National Research Council 2000-08-11

First released in the Spring of 1999, How People Learn has been expanded to show how the theories and insights from the original book can translate

into actions and practice, now making a real connection between classroom activities and learning behavior. This edition includes far-reaching suggestions for research that could increase the impact that classroom teaching has on actual learning. Like the original edition, this book offers exciting new research about the mind and the brain that provides answers to a number of compelling questions. When do infants begin to learn? How do experts learn and how is this different from non-experts? What can teachers and schools do—with curricula, classroom settings, and teaching methods—to help children learn most effectively? New evidence from many branches of science has significantly added to our understanding of what it means to know, from the neural processes that

occur during learning to the influence of culture on what people see and absorb. *How People Learn* examines these findings and their implications for what we teach, how we teach it, and how we assess what our children learn. The book uses exemplary teaching to illustrate how approaches based on what we now know result in in-depth learning. This new knowledge calls into question concepts and practices firmly entrenched in our current education system. Topics include: How learning actually changes the physical structure of the brain. How existing knowledge affects what people notice and how they learn. What the thought processes of experts tell us about how to teach. The amazing learning potential of infants. The relationship of classroom learning

and everyday settings of community and workplace. Learning needs and opportunities for teachers. A realistic look at the role of technology in education.

**Tissue Inhomogeneity Corrections for Megalovoltage Photon Beams** - 2004

**Abstracts of World Medicine** - 1955

**The Nervous System** - Walter S. Root  
2017-01-31

Physiological Pharmacology: A Comprehensive Treatise, Volume I: The Nervous System – Part A, Central Nervous System Drugs focuses on the influence of drugs on the functions of the central nervous system. The selection first offers information on absorption, distribution, and elimination and effects upon physiological systems. Discussions

focus on factors that disturb normal sequence of uptake and elimination of volatile drugs; variations in distribution due to systemic effects of anesthetics; factors influencing the uptake of gases by tissues; and theories of general anesthesia. The book also ponders on alcohols, including alcohols acting on the central nervous system; effect of alcohols on and outside the central nervous system; and synergisms and antagonisms between alcohols and other drugs. The publication takes a look at sedatives and hypnotics, effects upon physiological systems, and analgesics and antipyretic drugs. The text also examines non-narcotic analgesics, tranquilizers, and diphenylmethane derivatives. The selection is a vital source of data for readers interested in the effects

of drugs on the central nervous system.

Teaching Crowds - John Dron

2014-09-01

Within the rapidly expanding field of educational technology, learners and educators must confront a seemingly overwhelming selection of tools designed to deliver and facilitate both online and blended learning.

Many of these tools assume that learning is configured and delivered in closed contexts, through learning management systems (LMS). However, while traditional "classroom" learning is by no means obsolete, networked learning is in the ascendant. A foundational method in online and blended education, as well as the most common means of informal and self-directed learning, networked learning is rapidly becoming the

dominant mode of teaching as well as learning. In *Teaching Crowds*, Dron and Anderson introduce a new model for understanding and exploiting the pedagogical potential of Web-based technologies, one that rests on connections – on networks and collectives – rather than on separations. Recognizing that online learning both demands and affords new models of teaching and learning, the authors show how learners can engage with social media platforms to create an unbounded field of emergent connections. These connections empower learners, allowing them to draw from one another's expertise to formulate and fulfill their own educational goals. In an increasingly networked world, developing such skills will, they argue, better prepare students to become self-

directed, lifelong learners.

*Nuclear Magnetic Resonance* - R J Abraham 2007-10-31

As a spectroscopic method, Nuclear Magnetic Resonance (NMR) has seen spectacular growth over the past two decades, both as a technique and in its applications. Today the applications of NMR span a wide range of scientific disciplines, from physics to biology to medicine. Each volume of *Nuclear Magnetic Resonance* comprises a combination of annual and biennial reports which together provide comprehensive of the literature on this topic. This Specialist Periodical Report reflects the growing volume of published work involving NMR techniques and applications, in particular NMR of natural macromolecules which is covered in two reports: "NMR of

Proteins and Acids" and "NMR of Carbohydrates, Lipids and Membranes". For those wanting to become rapidly acquainted with specific areas of NMR, this title provides unrivalled scope of coverage. Seasoned practitioners of NMR will find this an invaluable source of current methods and applications. Specialist Periodical Reports provide systematic and detailed review coverage in major areas of chemical research. Compiled by teams of leading authorities in the relevant subject areas, the series creates a unique service for the active research chemist, with regular, in-depth accounts of progress in particular fields of chemistry. Subject coverage within different volumes of a given title is similar and publication is on an annual or biennial basis.

## **Cumulated Index Medicus -**

Fibroids and Reproduction - Botros  
R.M.B. Rizk 2020-10-13

The most common abnormal growth of the female reproductive system, fibroids, are thought to affect the majority of women at some point during their reproductive years. This text from leading fibroid experts looks at the latest evidence on how the problem impinges on reproduction and the most up-to-date management and treatment options available to help patients with fibroids hoping to conceive. Print versions of this book also include access to the eBook version with links to procedural videos.

Annual Review of Nutrition - 1985

*Teaching and Learning STEM* - Richard

M. Felder 2016-02-22

Rethink traditional teaching methods to improve student learning and retention in STEM Educational research has repeatedly shown that compared to traditional teacher-centered instruction, certain learner-centered methods lead to improved learning outcomes, greater development of critical high-level skills, and increased retention in science, technology, engineering, and mathematics (STEM) disciplines. Teaching and Learning STEM presents a trove of practical research-based strategies for designing and teaching STEM courses at the university, community college, and high school levels. The book draws on the authors' extensive backgrounds and decades of experience in STEM education and faculty development.

Its engaging and well-illustrated descriptions will equip you to implement the strategies in your courses and to deal effectively with problems (including student resistance) that might occur in the implementation. The book will help you: Plan and conduct class sessions in which students are actively engaged, no matter how large the class is Make good use of technology in face-to-face, online, and hybrid courses and flipped classrooms Assess how well students are acquiring the knowledge, skills, and conceptual understanding the course is designed to teach Help students develop expert problem-solving skills and skills in communication, creative thinking, critical thinking, high-performance teamwork, and self-directed learning Meet the learning needs of STEM

students with a broad diversity of attributes and backgrounds The strategies presented in Teaching and Learning STEM don't require revolutionary time-intensive changes in your teaching, but rather a gradual integration of traditional and new methods. The result will be continual improvement in your teaching and your students' learning. More information about Teaching and Learning STEM can be found at <http://educationdesignsinc.com/book> including its preface, foreword, table of contents, first chapter, a reading guide, and reviews in 10 prominent STEM education journals. **Carbohydrate and Protein Synthesis** - 1978

*Physiological Pharmacology, a Comprehensive Treatise: Central*

*nervous system drugs* - Walter Stanton  
Root 1963

Electron Spin Resonance - P B

Ayscough 2007-10-31

Specialist Periodical Reports provide systematic and detailed review coverage of progress in the major areas of chemical research. Written by experts in their specialist fields the series creates a unique service for the active research chemist, supplying regular critical in-depth accounts of progress in particular areas of chemistry. For over 80 years the Royal Society of Chemistry and its predecessor, the Chemical Society, have been publishing reports charting developments in chemistry, which originally took the form of Annual Reports. However, by 1967 the whole spectrum of chemistry could no

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**Metamagical Themas** - Douglas R.

Hofstadter 2008-08-04

Hofstadter's collection of quirky essays is unified by its primary concern: to examine the way people perceive and think.

*How People Learn II* - National Academies of Sciences, Engineering, and Medicine 2018-09-27

There are many reasons to be curious about the way people learn, and the past several decades have seen an explosion of research that has important implications for individual learning, schooling, workforce training, and policy. In 2000, *How People Learn: Brain, Mind, Experience, and School: Expanded Edition* was published and its influence has been wide and deep. The report summarized insights on the nature of learning in school-aged

children; described principles for the design of effective learning environments; and provided examples of how that could be implemented in the classroom. Since then, researchers have continued to investigate the nature of learning and have generated new findings related to the neurological processes involved in learning, individual and cultural variability related to learning, and educational technologies. In addition to expanding scientific understanding of the mechanisms of learning and how the brain adapts throughout the lifespan, there have been important discoveries about influences on learning, particularly sociocultural factors and the structure of learning environments. *How People Learn II: Learners, Contexts, and Cultures*

provides a much-needed update incorporating insights gained from this research over the past decade. The book expands on the foundation laid out in the 2000 report and takes an in-depth look at the constellation of influences that affect individual learning. How People Learn II will become an indispensable resource to understand learning throughout the lifespan for educators of students and adults.

### **Statistical Modeling by Wavelets** -

Brani Vidakovic 2009-09-25

A comprehensive, step-by-step introduction to wavelets in statistics. What are wavelets? What makes them increasingly indispensable in statistical nonparametrics? Why are they suitable for "time-scale" applications? How are they used to solve such problems as denoising,

regression, or density estimation? Where can one find up-to-date information on these newly "discovered" mathematical objects? These are some of the questions Brani Vidakovic answers in *Statistical Modeling by Wavelets*. Providing a much-needed introduction to the latest tools afforded statisticians by wavelet theory, Vidakovic compiles, organizes, and explains in depth research data previously available only in disparate journal articles. He carefully balances both statistical and mathematical techniques, supplementing the material with a wealth of examples, more than 100 illustrations, and extensive references-with data sets and S-Plus wavelet overviews made available for downloading over the Internet. Both introductory and data-

oriented modeling topics are featured, including: \* Continuous and discrete wavelet transformations. \* Statistical optimality properties of wavelet shrinkage. \* Theoretical aspects of wavelet density estimation. \* Bayesian modeling in the wavelet domain. \* Properties of wavelet-based random functions and densities. \* Several novel and important wavelet applications in statistics. \* Wavelet methods in time series. Accessible to anyone with a background in advanced calculus and algebra, *Statistical Modeling by Wavelets* promises to become the standard reference for statisticians and engineers seeking a comprehensive introduction to an emerging field. Amino-acids, Peptides, and Proteins - 1976

**Marriages and Families** - Nijole Vaicaitis Benokraitis 2003  
For courses in Marriage and Family, Sociology of Family, and Family Studies/Relationships in departments of Sociology, Family Studies, Psychology, and Women's Studies. This best-selling, full-color text introduces students to the study of contemporary marriages and families by examining the changing American family and exploring their choices and constraints. This approach, combined with the most current research and practical guidelines, encourages students to join the effort to resolve some of the crucial issues confronting 21st century families. Endocytosis and Signaling - Christophe Lamaze 2018-08-10  
This book focuses on the context

dependency of cell signaling by showing how the endosomal system helps to structure and regulate signaling pathways. The location and concentration of signaling nodes regulate their activation cycles and engagement with distinct effector pathways. Whilst many cell signaling pathways are initiated from the cell surface, endocytosis provides an opportunity for modulating signaling networks' output. In this book, first

a series of reviews describe the endocytic and endosomal system and show how these subcellular platforms sort and regulate a wide range of signaling pathway components and phenotypic outputs. The book then reviews the latest scientific insights into how endocytic trafficking and subcellular location modulate a set of major pathways that are essential to normal cellular function and organisms' development.