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Oncogenomics
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 DiSaia and Creasman Clinical Gynecologic Oncology , E- Book
 Step-by-step Natural Sciences
 Research Efforts in Material Science and Mechanics Engineering
 Mutant p53 in Cancer Progression and Personalized Therapeutic Treatments
 Combining multiple non-invasive images and/or biochemical tests to predict prostate cancer aggressiveness
 Spot on Life Orientation
 Advances in Epithelial Ovarian Cancer: Model Systems, Microenvironmental Influences, Therapy, and Origins
 Applied Mining Geology
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 Oxford Textbook of Obstetrics and Gynaecology
 The Complete Book of Colleges, 2013 Edition
 Cyclodecanes—Advances in Research and Application: 2013 Edition
 Metals in Wastes
 Frontiers in Ovarian Cancer Science
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 Ovarian Cancers
 Defining the Spatial Organization of Immune Responses to Cancer and Viruses in situ
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 Diagnostic Pathology: Gynecological E-Book
 Emerging Molecular Signaling Pathways and Therapeutic Targets for Genitourinary Cancer Metastasis
 Spot on Natural Sciences
 STEM Activity: Sensational Science
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 Natural Gas Seepage
 Gynecologic and Obstetric Pathology, Volume 2
 Advanced Analytics in Mining Engineering
 Epigenetic Regulation and Tumor Immunotherapy
 Nanocosmetics
 Defects in Two-Dimensional Materials

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GILLIAN NIXON

Oncogenomics ScholarlyEditions

Selected, peer reviewed papers from the International Conference on Engineering Materials for Electronics, Communication and Construction 2012 (EMECC 2012), August 25-26, 2012, Hangzhou

Platinum Natural Sciences Frontiers Media SA

This note is part of Quality testing.

DiSaia and Creasman Clinical Gynecologic Oncology , E- Book Springer Nature

Profiles every four-year college in the United States, providing detailed information on academic programs, admissions requirements, financial aid, services, housing, athletics, contact names, and campus life.

Step-by-step Natural Sciences Frontiers Media SA

This volume presents the latest advances and the current status of our understanding regarding ovarian cancer, addressing both the basic and clinical aspects of the disease. In terms of basic medicine, the WHO Classification of Tumors of Female Reproductive Organs was revised in 2014, and that version addresses several new concepts and histopathological classifications not previously included. One of the most revolutionary breakthroughs concerns the genesis of epithelial ovarian tumors, shifting the focus from the ovarian surface epithelium to serous tubal intraepithelial carcinomas. Clinically, the mortality rate of epithelial ovarian cancer has gradually increased over the past few decades, making it essential to pursue multidisciplinary treatment and apply novel techniques such as neoadjuvant chemotherapy in daily clinical practice. The primary clinical task is the effective treatment of recurrent ovarian cancer with early palliative medicine. Fertility-sparing surgery may also be pursued depending on histologic subtypes, stage, extent of disease, and preexisting ovarian reserve with the concept of oncofertility. On the basis of the considerations described above, each expert author elucidates the science of ovarian cancer in detail, thus providing a collection that will benefit young medical oncologists and seasoned gynecologists and obstetricians alike.

Research Efforts in Material Science and Mechanics Engineering National Academies Press

This fully indexed, 2-volume book covers all aspects of gynecologic and obstetric pathology. It focuses on practical issues in each chapter by demonstrating pitfalls of diagnosis in addition to general criteria needed for each disease entity. As a reference book on gynecologic and obstetric pathology, it is targeted for practicing pathologists, pathology residents, gynecologic pathology and oncology fellows, clinicians, healthcare providers, and biomedical researchers and is intended for use as a bench or scope side reference, resource for studying for board examinations or to satisfy any interest in certain topics within the field of gynecologic pathology. Volume 2 contains 17 chapters covering disease entities of the uterine myometrium, ovary, fallopian tube, peritoneum, placenta, gestational trophoblastic diseases, and gynecology related cytology. It covers all the recognized recent advances within the field. Key diagnostic and differential diagnosis related points are illustrated in numerous tables. In addition, plenty of high quality pictures are presented for the vast majority of entities to facilitate both learning and teaching.

Mutant p53 in Cancer Progression and Personalized Therapeutic Treatments Princeton Review

This book explores the relationship between the content of chemistry education and the history and philosophy of science (HPS) framework that underlies such education. It discusses the need to present an image that reflects how chemistry developed and progresses. It proposes that chemistry should be taught the way it is practiced by chemists: as a human enterprise, at the interface of scientific practice and HPS. Finally, it sets out to convince teachers to go beyond the traditional classroom practice and explore new teaching strategies. The importance of HPS has been

recognized for the science curriculum since the middle of the 20th century. The need for teaching chemistry within a historical context is not difficult to understand as HPS is not far below the surface in any science classroom. A review of the literature shows that the traditional chemistry classroom, curricula, and textbooks while dealing with concepts such as law, theory, model, explanation, hypothesis, observation, evidence and idealization, generally ignore elements of the history and philosophy of science. This book proposes that the conceptual understanding of chemistry requires knowledge and understanding of the history and philosophy of science. "Professor Niaz's book is most welcome, coming at a time when there is an urgently felt need to upgrade the teaching of science. The book is a huge aid for adding to the usual way - presenting science as a series of mere facts - also the necessary mandate: to show how science is done, and how science, through its history and philosophy, is part of the cultural development of humanity." Gerald Holton, Mallinckrodt Professor of Physics & Professor of History of Science, Harvard University "In this stimulating and sophisticated blend of history of chemistry, philosophy of science, and science pedagogy, Professor Mansoor Niaz has succeeded in offering a promising new approach to the teaching of fundamental ideas in chemistry. Historians and philosophers of chemistry --- and above all, chemistry teachers --- will find this book full of valuable and highly usable new ideas" Alan Rocke, Case Western Reserve University "This book artfully connects chemistry and chemistry education to the human context in which chemical science is practiced and the historical and philosophical background that illuminates that practice. Mansoor Niaz deftly weaves together historical episodes in the quest for scientific knowledge with the psychology of learning and philosophical reflections on the nature of scientific knowledge and method. The result is a compelling case for historically and philosophically informed science education. Highly recommended!" Harvey Siegel, University of Miami "Books that analyze the philosophy and history of science in Chemistry are quite rare. 'Chemistry Education and Contributions from History and Philosophy of Science' by Mansoor Niaz is one of the rare books on the history and philosophy of chemistry and their importance in teaching this science. The book goes through all the main concepts of chemistry, and analyzes the historical and philosophical developments as well as their reflections in textbooks. Closest to my heart is Chapter 6, which is devoted to the chemical bond, the glue that holds together all matter in our earth. The chapter emphasizes the revolutionary impact of the concept of the 'covalent bond' on the chemical community and the great novelty of the idea that was conceived 11 years before quantum mechanics was able to offer the mechanism of electron pairing and covalent bonding. The author goes then to describe the emergence of two rival theories that explained the nature of the chemical bond in terms of quantum mechanics; these are valence bond (VB) and molecular orbital (MO) theories. He emphasizes the importance of having rival theories and interpretations in science and its advancement. He further argues that this VB-MO rivalry is still alive and together the two conceptual frames serve as the tool kit for thinking and doing chemistry in creative manners. The author surveys chemistry textbooks in the light of the how the books preserve or not the balance between the two theories in describing various chemical phenomena. This Talmudic approach of conceptual tension is a universal characteristic of any branch of evolving wisdom. As such, Mansoor's book would be of great utility for chemistry teachers to examine how can they become more effective teachers by recognizing the importance of conceptual tension". Sason Shaik Saeree K. and Louis P. Fiedler Chair in Chemistry Director, The Lise Meitner-Minerva Center for Computational Quantum Chemistry, The Hebrew University of Jerusalem, ISRAEL
Combining multiple non-invasive images and/or biochemical tests to predict prostate cancer aggressiveness Oxford University Press
 This expert volume in the Diagnostic Pathology series is an excellent point-of-care resource for practitioners at all levels of experience and training. Covering the full range of nonneoplastic and neoplastic conditions of the female genital tract, it incorporates the most recent scientific and

technical knowledge in the field to provide a comprehensive overview of all key issues relevant to today's practice. Richly illustrated and easy to use, the third edition of *Diagnostic Pathology: Gynecological* is a visually stunning, one-stop resource for every practicing pathologist, resident, student, or fellow as an ideal day-to-day reference or as a reliable training resource. Covers all areas of gynecologic pathology, organized into six easy-to-reference anatomic sections: vulva, vagina, uterine cervix, uterine corpus, fallopian tube and broad ligament, ovary, and peritoneum. Includes all frequently encountered conditions plus extensive coverage of uncommon entities, such as inflammatory diseases of the vulva, discussed by experts in dermatopathology. Provides updated differential diagnoses and diagnostic pearls as well as extensive revisions based on the 2020 WHO Classification of Tumors: Female Genital Tumors, including staging issues and measurement standards. Reflects important molecular updates in endometrial carcinoma classifications as well as updated classifications for squamous and glandular tumors for the lower genital tract, both in situ and invasive. Updates ancillary techniques, newly encountered pitfalls, and advances in the molecular landscape of epithelial and mesenchymal tumors. Features more than 2,500 superb images in print and online, including many new gross and microscopic images as well as diagnostically relevant immunohistochemical and molecular findings. Includes an eBook version that enables you to access all text, figures, and references, with the ability to search, customize your content, make notes and highlights, and have content read aloud.

[Spot on Life Orientation](#) Springer

STEM Activity: Sensational Science will inspire you with super-fun activities and puzzles related to atoms, genes, gravity, acids, magnets, and more! Bite-size factoids explain the scientific theories, scientists and discoveries behind them. Complete the electrical circuits, unscramble the renewable energy sources, spot the differences in the space station, test your magnet knowledge, colour in the shapes to reveal the awesome x-ray! These are just some of the write-in activities featured in *STEM Activity: Sensational Science*. Also available: *STEM Activity: Amazing Maths*, *STEM Activity: Extreme Engineering* and *STEM Activity: Terrific Technology*

Advances in Epithelial Ovarian Cancer: Model Systems, Microenvironmental Influences, Therapy, and Origins Elsevier Health Sciences

Defects in Two-Dimensional Materials addresses the fundamental physics and chemistry of defects in 2D materials and their effects on physical, electrical and optical properties. The book explores 2D materials such as graphene, hexagonal boron nitride (h-BN) and transition metal dichalcogenides (TMD). This knowledge will enable scientists and engineers to tune 2D materials properties to meet specific application requirements. The book reviews the techniques to characterize 2D material defects and compares the defects present in the various 2D materials (e.g. graphene, h-BN, TMDs, phosphorene, silicene, etc.). As two-dimensional materials research and development is a fast-growing field that could lead to many industrial applications, the primary objective of this book is to review, discuss and present opportunities in controlling defects in these materials to improve device performance in general or use the defects in a controlled way for novel applications. Presents the theory, physics and chemistry of 2D materials. Catalogues defects of 2D materials and their impacts on materials properties and performance. Reviews methods to characterize, control and engineer defects in 2D materials.

Applied Mining Geology Frontiers Media SA

Nanotechnology is key to the design and manufacture of the new generation of cosmetics. Nanotechnology can enhance the performance and properties of cosmetics, including colour, transparency, solubility, texture, and durability. Sunscreen products, such as UV nano-filters, nano-TiO₂ and nano-ZnO particles, can offer an advantage over their traditional counterparts due to their broad UV-protection and non-cutaneous side effects. For perfumes, nano-droplets can be found in cosmetic products including Eau de Toilette and Eau de Parfum. Nanomaterials can also be used in cosmetics as transdermal drug delivery systems. By using smart nanocontainers, active compounds such as vitamins, antioxidants, nutrients, and anti-inflammatory, anti-infective agents, can be delivered effectively. These smart nanocontainers are typically related with the smart releasing property for their embedded active substances. These smart releases could be obtained by using the smart coatings as their outer nano-shells. These nano-shells could prevent the direct contact between these active agents and the adjacent local environments. *Nanocosmetics: Fundamentals, Applications and Toxicity* explores the formulation design concepts and emerging applications of nanocosmetics. The book also focuses on the mitigation or prevention of their potential nanotoxicity, potential global regulatory challenges, and the technical challenges of mass implementation. It is an important reference source for materials scientists and pharmaceutical scientists looking to further their understanding of how nanotechnology is being used for the new generation of cosmetics. Outlines the major fabrication and formulation design concepts of nanoscale products for cosmetic applications. Explores how nanomaterials can safely be used for various applications in cosmetic products. Assesses the major challenges of using nanomaterials for cosmetic applications on a large scale.

Platinum Natural Sciences and Technology Grade 6 Learner's Book ePDF Springer

Cyclodecanes—Advances in Research and Application: 2013 Edition is a ScholarlyBrief™ that delivers timely, authoritative, comprehensive, and specialized information about ZZZAdditional Research in a concise format. The editors have built *Cyclodecanes—Advances in Research and Application: 2013 Edition* on the vast information databases of ScholarlyNews.™ You can expect the information about ZZZAdditional Research in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of *Cyclodecanes—Advances in Research and Application: 2013 Edition* has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

Oxford Textbook of Obstetrics and Gynaecology Springer

In this book, Dr. Soofastaei and his colleagues reveal how all mining managers can effectively deploy advanced analytics in their day-to-day operations- one business decision at a time. Most mining companies have a massive amount of data at their disposal. However, they cannot use the stored data in any meaningful way. The powerful new business tool-advanced analytics enables many mining companies to aggressively leverage their data in key business decisions and processes with impressive results. From statistical analysis to machine learning and artificial intelligence, the authors show how many analytical tools can improve decisions about everything in the mine value chain, from exploration to marketing. Combining the science of advanced analytics with the mining industrial business solutions, introduce the "Advanced Analytics in Mining Engineering Book" as a practical road map and tools for unleashing the potential buried in your company's data. The book is aimed at providing mining executives, managers, and research and development teams with an understanding of the business value and applicability of different analytic approaches and helping data analytics leads by giving them a business framework in which to assess the value, cost, and risk of potential analytical solutions. In addition, the book will provide the next generation of miners

- undergraduate and graduate IT and mining engineering students - with an understanding of data analytics applied to the mining industry. By providing a book with chapters structured in line with the mining value chain, we will provide a clear, enterprise-level view of where and how advanced data analytics can best be applied. This book highlights the potential to interconnect activities in the mining enterprise better. Furthermore, the book explores the opportunities for optimization and increased productivity offered by better interoperability along the mining value chain - in line with the emerging vision of creating a digital mine with much-enhanced capabilities for modeling, simulation, and the use of digital twins - in line with leading "digital" industries.

The Complete Book of Colleges, 2013 Edition Academic Press

Looks at one hundred fifty colleges and universities across the country that provide superb academic studies, top-notch facilities, and other excellent features for a lot less money than the other schools.

Cyclodecanes—Advances in Research and Application: 2013 Edition Frontiers Media SA

In an era of promising advances in cancer research, there are considerable and even alarming gaps in the fundamental knowledge and understanding of ovarian cancer. Researchers now know that ovarian cancer is not a single disease-several distinct subtypes exist with different origins, risk factors, genetic mutations, biological behaviors, and prognoses. However, persistent questions have impeded progress toward improving the prevention, early detection, treatment, and management of ovarian cancers. Failure to significantly improve morbidity and mortality during the past several decades is likely due to several factors, including the lack of research being performed by specific disease subtype, lack of definitive knowledge of the cell of origin and disease progression, and incomplete understanding of genetic and non-genetic risk factors. *Ovarian Cancers* examines the state of the science in ovarian cancer research, identifies key gaps in the evidence base and the challenges to addressing those gaps, considers opportunities for advancing ovarian cancer research, and examines avenues for translation and dissemination of new findings and communication of new information to patients and others. This study makes recommendations for public- and private-sector efforts that could facilitate progress in reducing the incidence of morbidity and mortality from ovarian cancers.

Metals in Wastes Frontiers Media SA

Oncogenomics: From Basic Research to Precision Medicine offers a thorough survey of precision medicine and its diagnostic and therapeutic applications in oncology. Gathering contributions from leading international researchers in the field, chapters examine recent translational advances in oncogenomic methods and technologies, detailing novel molecular classifications of tumors as well as diagnostic and prognostic biomarkers for various types of cancers including pancreatic, gastrointestinal, breast, hematological, lung, osteotropic, genitourinary, and skin cancers. This book provides a foundation for clinical oncologists, human geneticists, and physicians to develop new targeted cancer treatments and incorporate genomic medicine into clinical practice, with particular attention paid to noninvasive diagnostic techniques such as the liquid biopsy and molecular characterization of solid malignancies. Provides clinical oncologists, human geneticists, physicians, and students with a thorough understanding of current diagnostic and prognostic applications of genomic methods and technologies to a variety of solid malignancies. Employs current knowledge in oncogenomics towards developing therapeutic interventions for various cancer types. Features a team of internationally recognized researchers and physicians in clinical oncology, oncogenomics and precision medicine.

Frontiers in Ovarian Cancer Science Springer

This note is part of Quality testing.

The Best Value Colleges 2013 Frontiers Media SA

Metals in Wastes is an excellent guide for scientists, students, engineers, chemists, and industrial chemists who are looking for knowledge of the main sources of metals in industrial wastes. Metals are valuable materials that can be recycled again and again without degrading their properties. The recycling of metals enables us to preserve natural resources while requiring less energy to process than the manufacture of new products using virgin raw materials. A team of experts reviews the state-of-the-art and provides the readers not only with a comprehensive in-depth overview of the main composition of wastes but also discloses innovative methods which have been applied for recovery of critical and valuable metals in petrochemical industry, rubber, energy and automotive industries. This know-how could be considered as a useful reference tool for moving towards the zero-waste economy. Additionally, the book describes the economic aspects of metals recovery from various sources. This is essential for those already involved in the metals business and also for the financial, investment and advisory community internationally.

Platinum Natural Sciences and Technology Grade 6 Learner's Book ePUB Princeton Review

This book provides a detailed overview of the operational principles of modern mining geology, which are presented as a good mix of theory and practice, allowing use by a broad range of specialists, from students to lecturers and experienced geologists. The book includes comprehensive descriptions of mining geology techniques, including conventional methods and new approaches. The attributes presented in the book can be used as a reference and as a guide by mining industry specialists developing mining projects and for optimizing mining geology procedures. Applications of the methods are explained using case studies and are facilitated by the computer scripts added to the book as Electronic Supplementary Material.

Platinum Natural Sciences Frontiers Media SA

For more than 40 years, DiSaia and Creasman *Clinical Gynecologic Oncology* has been the leading reference for diagnosis and treatment of gynecologic cancers, providing physicians and trainees alike with expert guidance on clinical presentations and management. The fully revised 10th Edition remains the most readable, most comprehensive text in the field. Under outstanding editorial leadership from Dr. William Creasman and featuring a "who's who" list of expert contributing authors, this authoritative reference is a must-have resource for improving outcomes and providing effective patient care. Emphasizes practical clinical presentations and management of commonly seen problems, making this text an excellent resource for daily decision making. Provides in-depth explanations of major topics supplemented with up-to-date references. Features a new chapter on Immunotherapy in Gynecologic Malignancies, updated information on invasive cervical cancer, and significantly revised content on vulvar cancer, with new guidance on micro-staging for sentinels and updates from GOG 173 and the GROINS VII study. Covers key topics such as precision medicine and new biomarker-driven targeted therapies, cancer staging, targeted therapy, and immunotherapy. Includes quick-reference features such as key point boxes with bulleted lists, highlighted key text, enhanced chapter outlines, clinical algorithms that review recommended treatment and management options, and additional references online. Contains useful appendices covering staging, screening, nutritional therapy, toxicity criteria, blood component therapy, and radiation therapy. An ideal comprehensive resource for clinical practice, personal study, and exam review. *Study and Master Natural Sciences and Technology Grade 6 CAPS Teacher's Guide* Elsevier

The *Oxford Textbook of Obstetrics and Gynaecology* is an objective and readable text that covers the full speciality of obstetrics and gynaecology. This comprehensive and rigorously referenced textbook will be a vital resource in print and online for all practising clinicians. Edited by a team of four leading figures in the field, whose clinical and scientific backgrounds collectively cover the

whole spectrum of obstetrics and gynaecology with particular expertise in fetomaternal medicine and obstetrics, gynaecological oncology, urogynaecology, and reproductive medicine, the textbook helps inform and promote evidence-based practice and improve clinical outcomes worldwide across all facets of the discipline. The editors are supported by contributors who are internationally renowned specialists and ensure high quality and global perspective to the work. Larger sections on the Basics in Obstetrics and Gynaecology, Fetomaternal Medicine, Management of Labour,

Gynaecological problems, and Gynaecological Oncology are complimented by specialist sections on areas such as Neonatal Care and Neonatal Problems, Reproductive Medicine, and Urogynaecology and Pelvic Floor Disorders to name a few. The evidence-based presentation of diagnostic and therapeutic methods is complemented in the text by numerous treatment algorithms, giving the reader the knowledge and tools needed for effective clinical practice. The Oxford Textbook of Obstetrics and Gynaecology is essential reading for obstetricians and gynaecologists, subspecialists, and trainees across the world.

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