

Los 7 H Itos De La Gente Altamente Efectiva Stephen R Covey

Discusses the synthesis, properties, and current and potential applications of a wide variety of functional polymers in four major areas: radiation effects and applications, opoelectronic properties and applications, chemical and physicochemical applications, and biomedical applications. Reviews the general synthetic methods for preparing functional polymers. Examines functional polymers with properties of interest in such fields as microlithography, photochemistry, nonlinear optics, electrical conductivity, chemical sensors, electron and energy transfer processes, polymeric liquid crystalline networks, chiral liquid crystalline polymers, solar energy utilization, flocculation of minerals, catalysis, polymeric dental aids, polymer-drug conjugates, biocompatible polymer surfaces, and drug targeting by functional polymers. Research on intercellular communication through gap junctions has continued to expand, and the meeting on which this book is based brought together many scientists from many different countries and disciplines. In line with the objective of the meeting, this volume focuses on the biological meaning of intercellular communication through gap junctions in various organs. The most recent up-to-date findings have been included in this extensive volume, valuable to all those interested in this rapidly expanding field.

El conocimiento científico resulta de la suma, a lo largo del tiempo, de las aportaciones de diversos grupos investigadores. Suele ser, pues, un proceso lento aunque continuado. Sin embargo, a veces suceden hechos que, por su especial relevancia, marcan auténticos hitos en el devenir del saber en áreas científicas concretas, acelerando su evolución. En este libro he seleccionado ocho acontecimientos capitales en la historia de la cronobiología. El primero, en 1729, fue un experimento, demostrando que el movimiento de las hojas del heliotropo era independiente de la luz solar. Ni su propio autor apreció la importancia del descubrimiento. La cronobiología, como ciencia con personalidad propia dentro de la biología, nació en 1960, en un Congreso en Cold Spring Harbor donde se compilaron los datos conocidos sobre los mecanismos de la ritmicidad biológica y se describió el código que rige la forma en que la luz la sincroniza. Otro hito fue el inicio de las investigaciones en humanos, ligada a la ocurrencia de algunos científicos de utilizar búnkeres abandonados y cuevas como laboratorios para analizar los ritmos biológicos en condiciones de aislamiento. El descubrimiento del primer gen reloj en mamíferos supuso el salto al nivel genético en los estudios de la ritmicidad biológica, algo que culminaría hace pocos años, con la concesión en 2017 del Nobel de Fisiología o Medicina y Cirugía de a investigadores que estudiaron los mecanismos moleculares de los relojes biológicos. Otros avances fueron la descripción del proceso de la fototransducción retiniana y del papel de la melatonina como mediador de las acciones del reloj biológico. La aplicación de los conocimientos de la cronobiología a la práctica médica es un camino con futuro prometedor. Scientific knowledge results from the sum, over time, of the contributions from numerous researchers. Therefore, it is usually a slow but continuous process. However, sometimes events occur that, due to their special relevance, mark authentic milestones in the evolution of knowledge in specific areas of science, accelerating its progress. In this book I have selected eight major events in the history of chronobiology. The first, in 1729, was an experiment, showing that the movement of the heliotrope's leaves was independent of sunlight. Not even its own author appreciated the importance of their discovery. Chronobiology, as a science with its own personality within biology, was born in 1960, at a Congress in Cold Spring Harbor. There, the known data on the mechanisms of biological rhythmicity were compiled and the code that governs how light synchronizes them was described. Another milestone was the start of research in humans, linked to the occurrence of some scientists of using abandoned bunkers and caves as laboratories to analyze biological rhythms in isolation. The discovery of the first clock-gene in mammals marked the leap to the genetic level in the studies of biological rhythmicity, something that would culminate a few years ago, with the award of the 2017 Nobel Prize in Physiology or Medicine to researchers who studied the molecular mechanisms of biological clocks. The description of the retinal phototransduction process as well that of the role of melatonin as a mediator of the actions of the biological clock also represented great advances for the knowledge of the mechanisms involved in circadian rhythmicity. The application of the knowledge of chronobiology to medical practice has a promising future.

?This book provides up-to-date information on all aspects of autoimmune pancreatitis, a unique form of pancreatitis characterized clinically by frequent presentation with obstructive jaundice and dramatic response to steroids, histologically by a lymphoplasmacytic infiltrate with fibrosis, and radiologically by pancreatic enlargement. Current concepts regarding the disease and its classification into subtypes 1 and 2 are explained, and clinical, serological, and histopathological findings are carefully described. Imaging features on all the relevant modalities are illustrated, covering both the pancreas and other involved organs. Current and emerging therapeutic strategies, including steroids, immunomodulatory drugs, and rituximab, are then discussed. The reader will find the book to be an excellent aid to the diagnosis of autoimmune pancreatitis and its differentiation from pancreatobiliary malignancies, as well as a clear guide to treatment.

Through expanded intelligence, the use of robotics has fundamentally transformed a variety of fields, including manufacturing, aerospace, medicine, social services, and agriculture. Continued research on robotic design is critical to solving various dynamic obstacles individuals, enterprises, and humanity at large face on a daily basis. Robotic Systems: Concepts, Methodologies, Tools, and Applications is a vital reference source that delves into the current issues, methodologies, and trends relating to advanced robotic technology in the modern world. Highlighting a range of topics such as mechatronics, cybernetics, and human-computer interaction, this multi-volume book is ideally designed for robotics engineers, mechanical engineers, robotics technicians, operators, software engineers, designers, programmers, industry professionals, researchers, students, academicians, and computer practitioners seeking current research on developing innovative ideas for intelligent and autonomous robotics systems. The study of chaos expansions and multiple Wiener-Ito integrals has become a field of considerable interest in applied and theoretical areas of probability, stochastic processes, mathematical physics, and statistics. Divided into four parts, this book features a wide selection of surveys and recent developments on these subjects. Part 1 introduces the concepts, techniques, and applications of multiple Wiener-Ito and related integrals. The second part includes papers on chaos random variables appearing in many limiting theorems. Part 3 is devoted to mixing, zero-one laws, and path continuity properties of chaos processes. The final part presents several applications to stochastic analysis.

En el presente volumen un conjunto de especialistas en el sistema penitenciario se han adentrado en algunos de los más significativos momentos de la historia penitenciaria española. Se abordan, entre otros periodos y aspectos, episodios y construcciones doctrinales de los precursores del humanitarismo penitenciario del siglo de oro, la figura de Lardizábal, el desarrollo penitenciario del siglo XIX con Montesinos y Concepción Arenal, los comienzos del siglo XX con Rafael Salillas o la transformación del sistema penitenciario en la transición española de los años setenta del siglo pasado. Se presentan de esta forma al lector algunos de los cuadros fundamentales en la evolución del sistema penitenciario español, desembocando en su configuración actual que tiene su origen en la reforma penitenciaria de la transición, a la que se dedican varios análisis, y su plasmación en la vigente Ley Orgánica General Penitenciaria.

HELL-O-KITTY Master of Japanese horror manga Junji Ito presents a series of hissterical tales chronicling his real-life trials and tribulations of becoming a cat owner. Junji Ito, as J-kun, has recently built a new house and has invited his financée, A-ko, to live with him. Little did he know...his blushing bride-to-be has some unexpected company in tow—Yon, a ghastly-looking family cat, and Mu, an adorable Norwegian forest cat. Despite being a dog person, J-kun finds himself purrsuaded by their odd cuteness and thus begins his comedic struggle to gain the affection of his new feline friends.

In this incisive, concise overview of this booming field, the editors -- two of the leading figures in the field with a proven track record -- combine their expertise to provide an invaluable reference on the topic. Following a treatment of transcriptome analysis, the book goes on to discuss replacement and mutation analysis, gene silencing and computational analysis. The whole is rounded off with a look at emerging technologies. Each chapter is accompanied by a concise overview, helping readers to quickly identify topics of interest, while important, carefully selected words and concepts are explained in a handy glossary. Equally accessible to both experienced scientists and newcomers to the field.

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