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Grand Dictionnaire Universel [du XIXe Siecle] Francais: A-Z 1805-76 CRC Press

This volume presents the first multidisciplinary bioarchaeological analysis to reconstruct life conditions in ancient Tuscany between Late Antiquity and the Middle Ages. This was done through the examination of stress markers, including adult stature, periosteal reaction, cranial porosities, linear enamel hypoplasia and paleodietary reconstruction.

Subject Index of the Modern Works Added to the Library of the British Museum in the Years 1906-1910 Springer Science & Business Media

Biologically functional ceramic materials have been known about for several decades, like phosphate cements and gypsum, and they are within the zeroth generation. Modern and artificially synthesized bioceramics include amorphous materials in the Bioglass® family that were developed in the early 1970 ' s and derivative glass ceramics such as Bioverit® and Cerabone A-W® that came in 1980 ' s. They are from the 2nd generation of materials, and mostly applicable to bone replacement or bone defect fillers. Since the late 1990 ' s, newer technologies have been introduced to the biologically functional material fields; they are the syntheses of organic-inorganic hybrids of micro- and macroscopic scales as well as nano-scales, organic fragment-covered ceramic particles of varied sizes, with light-controlling abilities to modify the frequency of light, in addition synthesis of high strength and high-tribological durability that had not been available before. With the advent of additive manufacturing

technology employing lasers, electron beams, and printers, clinical materials of complicated porous structures are now easily prepared. These materials are of the 3rd generation. This book will cover almost all kinds of such 3rd generation ceramic and ceramic-related biomaterials. This book conveys the current state-of-the-art on the science and technology of bioceramics, from nano-size dots or particles to macro-scale architectures, of a wide range of constitutions including quantum dots with peptide fragments, meso-scale therapeutic particles designed to involve drugs or genes, mesoporous organic-inorganic hybrids, nano-structured oxide layers on metals and alloys. Comprehensively covers all aspects (research/experimental and commercial products) related to the latest progresses in bioceramic science, technology and applications, with emphasis on nanobioceramics Pulls together a broad range of materials, concepts, and technologies based on nanomaterials Features novel preparation procedures like additive manufacturing (3-D printing and related techniques) that have also been introduced and practiced for forming complicated architectures Features innovative 3rd generation ceramic and ceramic-related biomaterials

Subject Index of the Modern Works Added to the Library of the British Museum in the Years ... American Mathematical Soc. The Specialty Section " Pharmacogenetics and Pharmacogenomics " makes part of two different Journals: Frontiers in Pharmacology and Frontiers in Genetics. This Specialty Section focuses on the mechanisms by which genetic variations influence drug effects and adverse drug events, and cover basic research, clinical translation, applications in drug development and regulatory issues related to this field. Also, studies addressing the role of other factors such as epigenetics, phenotypic factors or drug-drug interactions on drug pharmacokinetics or pharmacodynamics are welcome. The editorial board is composed of 34 Associate Editors which,

together with the Guest Associate Editors and the Reviewer Editors, constitute a team of nearly 340 leading experts in the field of Pharmacogenetics and Pharmacogenomics. This guarantees high quality in the reviewing process as well as short review times. A look back: 10 years of Frontiers in Pharmacogenetics & Pharmacogenomics (Continued in eBook) A Collection of Entries of Declarations, Barres, Replications, Rejoinders, Issues, Verdicts, Judgements, Executions, Proces, Continuances, Essoynes ... The last edition carefully corrected Frontiers Media SA

Coatings based on hydroxyapatite and calcium phosphates have a significant relevance in several research fields, such as biomaterials, cultural heritage, and water treatment, due to their characteristic properties. Hydroxyapatite can easily accommodate foreign ions, which can either be incorporated into the lattice, thanks to its specific lattice characteristics, or be adsorbed onto its surface. All these substitutions significantly alter the morphology, lattice parameters, and crystallinity of hydroxyapatite so they influence its main properties. These ion substitutions can be sought or can derive from substrate contaminations, which is an important aspect to be evaluated. Finally, this capability can be used to obtain hydroxyapatites with specific properties, such as antibacterial characteristics, among others. For these reasons, the aim of this Special Issue is to document current advances in the field of ion-substituted hydroxyapatites and highlight possible future perspectives regarding their use. Contributions in the form of original articles and review articles are presented, covering different areas of application.

Geographia Polonica Archaeopress Publishing Ltd Fourteen papers take advantage of advances in

archaeological methods and theory to explore the role of the built environment in expressing and shaping community organization and identity at prehistoric and historic nucleated settlements and early cities in the Old World.

Louisiana Folk-tales Springer Nature

Microbes and Microbial Biotechnology for Green Remediation provides a comprehensive account of sustainable microbial treatment technologies. The research presented highlights the significantly important microbial species involved in remediation, the mechanisms of remediation by various microbes, and suggestions for future improvement of bioremediation technology. The introduction of contaminants, due to rapid urbanization and anthropogenic activities, into the environment causes unsteadiness and distress to the physicochemical systems, including living organisms. Hence, there is an immediate global demand for the diminution of such contaminants and xenobiotics which can otherwise adversely affect the living organisms. Over time, microbial remediation processes have been accelerated to produce better, eco-friendlier, and more biodegradable products for complete dissemination of these xenobiotic compounds. The advancements in microbiology and biotechnology lead to the launch of microbial biotechnology as a separate area of research and contributed dramatically to the development of the areas such as agriculture, environment, biopharmaceutics, and fermented foods. Microbes stand as an imperative, efficient, green, and economical alternative to conventional treatment technologies. The proposed book provides cost-effective and sustainable alternatives. This book serves as a reference for graduate and postgraduate students in environmental biotechnology and microbiology as well as researchers and scientists working in the laboratories and industries involved in research related to microbiology, environmental biotechnology, and allied research. Discusses important microbial activities, such as biofertilizer, biocontrol, biosorption, biochar, biofilm, biodegradation, bioremediation, bioclogging, and quorum sensing Covers all the advanced microbial bioremediation techniques which are finding their way from the laboratory to the field for revival of the degraded agro-ecosystems Examines the role of bacteria, fungi, microalgae, *Bacillus* sp., *Prosopis juliflora*, *Deinococcus radiodurans*, *Pseudomonas*,

methanotrophs, siderophores, and PGPRs as the biocontrol and green remediation agents for soil sustainability

Droit des médias et de la communication MDPI

Omniprésente et diffusée en flux continu, l'information rythme nos vies et accapare notre attention. Cette tendance est renforcée par l'apparition d'Internet à la fin du XXe siècle et par la multiplication des écrans. La presse écrite et l'audiovisuel ont toutefois conservé une place essentielle dans l'univers médiatique.

L'ouvrage fait le point sur l'encadrement juridique des médias et des informations communiquées. Il analyse les libertés à leur fondement : la liberté d'expression, mais aussi la liberté d'entreprise tant il est vrai que les médias sont devenus un secteur économique à part entière. Les régimes de responsabilité et la régulation d'Internet font également l'objet de développements approfondis. Juristes et praticiens des métiers de la communication trouveront ici une somme d'informations, notamment sur la déontologie journalistique, les droits d'auteur des journalistes, la calomnie et la diffamation, la notion de bonnes mœurs, la protection de la vie privée, de l'honneur et de la réputation, les conditions et procédures de créations des médias audiovisuels ou la responsabilité des intermédiaires sur Internet. L'ouvrage examine non seulement les règles de droit belge, et plus particulièrement celles applicables à Bruxelles et en région de langue française, mais il s'appuie aussi largement sur le droit européen, tant de l'Union européenne que du Conseil de l'Europe.

Low-Energy Ion Irradiation of Materials Elsevier

Composites from Renewable and Sustainable Materials consists of 16 chapters written by international subject matter experts investigating the characteristic and current application of materials from renewable and sustainable sources. The reader will develop a deeper understanding about the concepts related to renewable materials, biomaterials, natural fibers, biodegradable composites, starch, and recycled materials. This book will serve as the starting point for materials science researchers, engineers, and technologists from the diverse backgrounds in physics, chemistry, biology, materials science, and engineering who want to know and better understand the fundamental aspects and

current applications of renewable and sustainable materials in several applications.

Bibliography of Agriculture BoD – Books on Demand

The serotonin transporter is a key brain protein that modulates the reuptake of the neurotransmitter serotonin from synaptic spaces back into the presynaptic neuron. This control over neuronal signalling makes it a prime area of neuroscientific study. In this book an international team of top experts introduce and explicate the role of serotonin and the serotonin transporter in both human and animal brains. They demonstrate the relevance of the transporter and indeed the serotonergic system to substrates of neuropsychiatric disorders, and explain how this knowledge is translated into valid animal models that will help foster new discoveries in human neurobiology. Writing for graduate students and academic researchers, they provide a comprehensive coverage of a wide spectrum of data from animal experimentation to clinical psychiatry, creating the only book exclusively dedicated to this exciting new avenue of brain research.

Bioceramics Elsevier

The inflammasome was first described in 2002 as a molecular complex activating proinflammatory caspases and therefore regulating the maturation and biological activities of cytokines such as IL-1 and IL-18. This finding was substantiated by the identification of several mutations in the *CIAS1* gene, encoding the human NLRP3 protein, responsible for several autoinflammatory disorders such as the Muckle Wells syndrome. Since, the interest for this complex has constantly increased and several inflammasome complexes with different specificities have been described. These inflammasomes sense a wide variety of pathogens and danger signals and are key players in the inflammatory response. With the contributions of leading international experts in the field, this book provides an extensive overview of the current knowledge of inflammasome biology and their role in health and disease.

The Archaeology of Nucleation in the Old World

Éditions Larcier

Melatonin, the pineal neurohormone, is a pleiotropic molecule acting in the center of the integrative molecular mechanisms of the organism, based on interconnections of the regulatory systems: neural,

endocrine, immune, and genetic, conveying into the uniqueness of human architecture. This book provides a systematic and updated overview of melatonin biochemical mechanisms of action, pharmacological features, and clinical uses, clutching the subject with complete details of pharmaceutical formulations designed for different routes of administration and different health issues, aiming at optimal melatonin bioavailability when therapeutically delivered. The book addresses a broad range of audiences, from healthcare professionals, medically and pharmaceutically based, to highly profiled medical specialists and biomedical researchers, helping them to expand their knowledge of the physiological and pathological implications of melatonin and its metabolites.

Composites from Renewable and Sustainable Materials Plural Publishing

The Dictionary of Louisiana French (DLF) provides the richest inventory of French vocabulary in Louisiana and reflects precisely the speech of the period from 1930 to the present. This dictionary describes the current usage of French-speaking peoples in the five broad regions of South Louisiana: the coastal marshes, the banks of the Mississippi River, the central area, the north, and the western prairie. Data were collected during interviews from at least five persons in each of twenty-four areas in these regions. In addition to the data collected from fieldwork, the dictionary contains material compiled from existing lexical inventories, from texts published after 1930, and from archival recordings. The new authoritative resource, the DLF not only contains the largest number of words and expressions but also provides the most complete information available for each entry. Entries include the word in the conventional French spelling, the pronunciation (including attested variants), the part of speech classification, the English equivalent, and the word's use in common phrases. The DLF features a wealth of illustrative examples derived from fieldwork and textual sources and identification of the parish where the entry was collected or the source from which it was compiled. An English-to-Louisiana French index enables readers to find out how particular notions would be expressed in la Louisiane .

Head and Neck Cancer Archaeopress Publishing Ltd
This book explains various kinds of non-ionizing and high-energy radiations, their interaction with materials and chemical reactions, and conditions of various kinds of materials development technologies including applications. It covers a processing-

structure-property relationship and radiations used in developing many advanced materials used in various fields. It highlights application-oriented materials synthesis and modification covering a wide variety of materials such as plastics, rubber, thermo-set, ceramics, and so forth by various radiations. Features: Explains ionizing and non-ionizing radiation-assisted materials development technologies, for polymers, ceramics, metals, and carbons. Covers radiation-assisted synthesis, processing, and modification of all kinds of materials. Provides comparative studies, merits, demerits, and applications very systematically. Criss-crosses polymers science and technology, radiation technology, advanced materials technology, biomaterials technology, and so forth. Includes a section on 3D printing by LASER melting of CoCr alloys. This book is aimed at researchers and graduate students in materials science, radiation chemistry and physics, and polymer and other materials processing.

The Inflammasomes BoD – Books on Demand

For long, high dose ionizing radiation was considered as a net immune suppressing agent, as shown, among others, by the exquisite radiosensitivity of the lymphoid system to radiation-induced cell killing. However, recent advances in radiobiology and immunology have made this picture more complex. For example, the recognition that radiation-induced bystander effects, share common mediators with various immunological signalling processes, suggests that they are at least partly immune mediated. Another milestone was the finding, in the field of onco-immunology, that local tumor irradiation can modulate the immunogenicity of tumor cells and the anti-tumor immune responsiveness both locally, in the tumor microenvironment, and at systemic level. These observations paved the way for studies exploring optimal combinations of radiotherapy and immunotherapy in order to achieve a synergistic effect to eradicate tumors. However, not all interactions between radiation and the immune system are beneficial, as it was recognized that many of radiation-induced late side effects are also of immune and inflammatory nature. Currently perhaps the most studied field of research in radiation biology is focused around the biological effects of low doses, where many of the observed pathophysiological endpoints are due to mechanisms other than direct radiation-induced cell killing and are immune-

related. Finally, it must not be forgotten that the interactions between the ionizing radiations and the immune system are bi-directional, and activation of the immune system also influences the outcome of radiation exposure. This Research Topic brings together 23 articles and aims to give an overview of the complex and very often contradictory nature of the interactions between ionizing radiation and the immune system. Due to its increasing penetrance in the population both through medical diagnostic or environmental sources or during cosmic travel low dose ionizing radiation exposure is becoming a major epidemiological concern world-wide. Several of the articles within the Research Topic specifically address potential long-term health consequences and the underlying mechanisms of low dose radiation exposure. A major intention of the Editors was also to draw the attention of the non-radiobiological scientific community on the fact that ionizing radiation is by far more than purely an immune suppressing agent.

Radiation Technologies and Applications in Materials Science Univ. Press of Mississippi

This book provides a comprehensive introduction to all aspects of low-energy ion – solid interaction from basic principles to advanced applications in materials science. It features a balanced and insightful approach to the fundamentals of the low-energy ion – solid surface interaction, focusing on relevant topics such as interaction potentials, kinetics of binary collisions, ion range, radiation damages, and sputtering. Additionally, the book incorporates key updates reflecting the latest relevant results of modern research on topics such as topography evolution and thin-film deposition under ion bombardment, ion beam figuring and smoothing, generation of nanostructures, and ion beam-controlled glancing angle deposition. Filling a gap of almost 20 years of relevant research activity, this book offers a wealth of information and up-to-date results for graduate students, academic researchers, and industrial scientists working in these areas.

Geomorphological Problems of Carpathians: Evolution of the relief during the Quaternary Springer
Includes section, "Recent book acquisitions" (varies: Recent United States publications) formerly published separately by the U.S. Army Medical Library.

Dictionary Etymologicum, Philologicum

Phraseologicumque Frontiers Media SA

The four volume set LNCS 9947, LNCS 9948, LNCS 9949, and LNCS 9950 constitutes the proceedings of the 23rd International Conference on Neural Information Processing, ICONIP 2016, held in Kyoto, Japan, in October 2016. The 296 full papers presented were carefully reviewed and selected from 431 submissions. The 4 volumes are organized in topical sections on deep and reinforcement learning; big data analysis; neural data analysis; robotics and control; bio-inspired/energy efficient information processing; whole brain architecture; neurodynamics; bioinformatics; biomedical engineering; data mining and cybersecurity workshop; machine learning; neuromorphic hardware; sensory perception; pattern recognition; social networks; brain-machine interface; computer vision; time series analysis; data-driven approach for extracting latent features; topological and graph based clustering methods; computational intelligence; data mining; deep neural networks; computational and cognitive neurosciences; theory and algorithms.

Radiation and the Immune System: Current Knowledge and Future Perspectives Cambridge University Press

[Melatonin](#)

Index for C^* -Subalgebras