

CHIMICA / CHEMISTRY

Biochimica / Biochemistry



Mol N.J.

Surface Plasmon Resonance - Methods and Protocols

Series: *Methods in Molecular Biology*

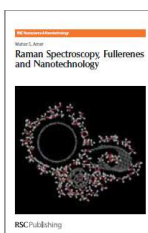
ril. 9781607616696 Eur 98,75 pagg. 142;

Springer Verlag (01/03/2010)

Biochimica / Biochemistry

While commercial instruments have expanded the usage and the related literature has increased, the quality of surface plasmon resonance (SPR) research has been hindered by a lack of knowledge of the processes that influence the SPR signal. In *Surface Plasmon Resonance: Methods and Protocols*, experts in the field present a wide variety of applications involving commercially available SPR instruments. The heart of the SPR technique is to construct a dedicated surface for an assay. Protocols describe such surfaces for many needs, including the study of membrane bound proteins

Chimica / Chemistry



Amer M.

Raman Spectroscopy, Fullerenes and Nanotechnology

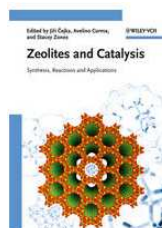
Series: *RSC Nanoscience & Nanotechnology*

ril. 9781847552402 Lst 100 pagg. 302;

Royal Society of Chemistry RSC (31/03/2010)

Chimica / Chemistry

The discovery of fullerenes, with their unique properties, versatility and many potential applications, has launched a new branch of research known as nanotechnology. Aimed at scientists in academia, government and industry, this book provides a concise analysis of fullerene based nanostructures and the use of Raman spectroscopy to elucidate their structure and behaviour. It starts by introducing the concept of nanotechnology before going on to describe the production, structure, properties and current applications of fullerenes



Cejka J.

Zeolites and Catalysis: Synthesis, Reactions and Applications

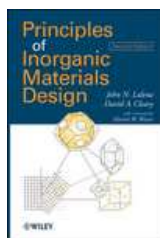
ril. 9783527325146 Lst 215 pagg. 918;

Wiley-Vch (01/04/2010)

Chimica / Chemistry

This indispensable two-volume handbook covers everything on this hot research field. The first part deals with the synthesis, modification, characterization and application of catalytic active zeolites, while the second focuses on such reaction types as cracking, hydrocracking, isomerization, reforming and other industrially important topics. Edited by a highly experienced and internationally renowned team with chapters written by the "Who's Who" of zeolite research

Chimica Inorganica / Inorganic Chemistry



Lalena J.N.

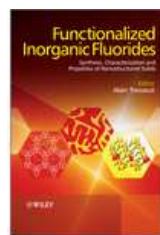
Principles of Inorganic Materials Design, 2nd Edition

ril. 9780470404034 Lst 96,95 pagg. 585;

Wiley (01/02/2010)

Chimica Inorganica / Inorganic Chemistry -CHIMICA INDUSTRIALE / INDUSTRIAL CHEMISTRY

Integrating concepts from chemistry, physics, materials science, metallurgy, and ceramics, Principles of Inorganic Materials Design, Second Edition offers a unique interdisciplinary approach that enables readers to grasp the complexities of inorganic materials. The book provides a solid foundation in the principles underlying the design of inorganic materials and then offers the guidance and tools needed to create specific materials with desired macroscopic properties



Tressaud A.

Functionalized Inorganic Fluorides: Synthesis, Characterization and Properties of Nanostructured Solids

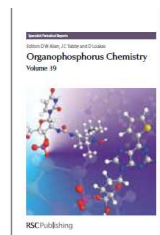
ril. 9780470740507 Lst 120 pagg. 616;

Wiley (01/04/2010)

Chimica Inorganica / Inorganic Chemistry

Functionalized Inorganic Fluorides: Synthesis, Characterization & Properties of Nanostructured Solids covers several classes of nanostructured and functionalized inorganic fluorides, oxide-fluorides, and fluorinated oxides such as silica and alumina. Ranging from powders or glass-ceramics to thin layers and coatings, they have applications as more efficient and less aggressive catalysts, UV absorbers, planar optical waveguides, integrated lasers and optical amplifiers, luminescent materials, anti-reflective coatings and high Tc superconductors

Chimica Organica / Organic Chemistry



Allen D.W.

Organophosphorus Chemistry

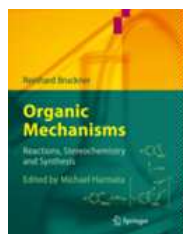
Series: *Specialist Periodical Reports*

ril. 9781847550583 Lst 299,95 pagg. 404;

Royal Society of Chemistry RSC (01/04/2010)

Chimica Organica / Organic Chemistry

Organophosphorus Chemistry provides a comprehensive and critical review of the recent literature. Coverage includes phosphines and their chalcogenides, phosphonium salts, low coordination number phosphorus compounds, penta- and hexa- coordinated compounds, trivalent phosphorus acid derivatives, quiquevalent phosphorus acids, nucleotides and nucleic acids, ylides and related compounds, phosphazenes and the application of physical methods in the study of organophosphorus compounds. This Specialist Periodical Report will be of value to research workers in universities, government and industrial research organisations whose work involves the use of organophosphorus compounds



Bruckner R.

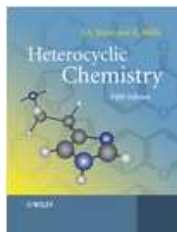
Organic Mechanisms - Reactions, Stereochemistry and Synthesis

ril. 9783642036507 Eur 83,15 pagg. 856;

Springer Verlag (01/03/2010)

Chimica Organica / Organic Chemistry

This English edition of a best-selling and award-winning German textbook Reaction Mechanisms: Organic Reactions · Stereochemistry · Modern Synthetic Methods is aimed at those who desire to learn organic chemistry through an approach that is facile to understand and easily committed to memory. Michael Harmata, Norman Rabjohn Distinguished Professor of Organic Chemistry (University of Missouri) surveyed the accuracy of the translation, made certain contributions, and above all adapted its rationalizations to those prevalent in the organic chemistry community in the English-speaking world



Joule J.A.

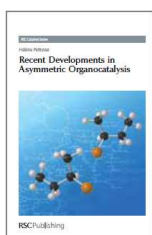
Heterocyclic Chemistry - 5/e

ril. 9781405193658 Lst 120 pagg. 718;

Wiley-Blackwell (01/04/2010)

Chimica Organica / Organic Chemistry

Heterocyclic chemistry comprises at least half of all organic chemistry research worldwide. In particular, the vast majority of organic work done in the pharmaceutical and agrochemical industries is heterocyclic chemistry. The fifth edition of Heterocyclic Chemistry maintains the principal objective of earlier editions – to teach the fundamentals of heterocyclic reactivity and synthesis in a way that is understandable to second- and third-year undergraduate chemistry students. The inclusion of more advanced and current material also makes the book a valuable reference text for postgraduate taught courses, postgraduate researchers, and chemists at all levels working with heterocyclic compounds in industry



Pellissier H.

Recent Developments in Asymmetric Organocatalysis

Series: RSC Catalysis Book Series

ril. 9781849730549 Lst 94,99 pagg. 258;

Royal Society of Chemistry RSC (23/03/2010)

Chimica Organica / Organic Chemistry

Up to now, this field has been covered by several excellent reviews in addition with two books published in 2005 and 2007), covering the literature until the beginning of 2008. On the basis of the spectacular number of reports (400 reports in one year) appeared in the literature in such a short period of time: from the beginning of 2008 to now, this book provides a valid topical update. The book is divided into ten sections, dealing successively with nucleophilic additions to electron-deficient C=C double bonds, nucleophilic additions to C=O double bonds, nucleophilic additions to C=N double bonds, nucleophilic additions to unsaturated nitrogen, nucleophilic substitutions at aliphatic carbon, cycloaddition reactions, oxidations, reductions, kinetic resolutions and desymmetrisations, and miscellaneous reactions.



Pilato L.

Phenolic Resins: A Century of Progress

ril. 9783642047138 Eur 197,55 pagg. 598;

Springer Verlag (01/04/2010)

Chimica Organica / Organic Chemistry

With global capacity in excess of 5 million tons annually, phenolic resins are one of the leading thermosetting resins that are used in many diverse industries such as wood adhesives, fiberglass/mineral wool binder, molded materials for autos/electronic/electrical industries, brakes, abrasives, foam, coatings/adhesives, laminates, composites, metal castings/refractories, and rubber industry. These phenolic resin business areas are critical to the national economy and general welfare of emerging and developed nations. Although phenolic resins are barely noticed in these applications, it is difficult to imagine their absence since they are vital and not easily replaced by other polymeric materials due to favorable cost/performance characteristics of phenolic resins

INGEGNERIA / ENGINEERING

Ingegneria Edile / Building Engineering



Zhang H.

Building Materials in Civil Engineering

ril. 9781845699550 Lst 145 pagg. 440;

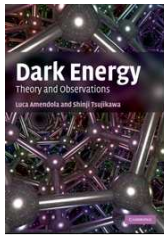
Woodhead Publishing Ltd (01/04/2010)

Ingegneria Edile / Building Engineering -INGEGNERIA CIVILE / CIVIL ENGINEERING

The construction of buildings and structures relies on having a thorough understanding of building materials. Without this knowledge it would not be possible to build safe, efficient and long-lasting buildings, structures and dwellings. Building materials in civil engineering provides an overview of the complete range of building materials available to civil engineers and all those involved in the building and construction industries

SCIENZE FISICO-MATEMATICHE / MATHEMATICS AND

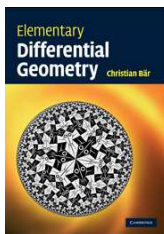
Astronomia / Astronomy



Amendola
Dark Energy - Theory and Observations
ril. 9780521516006 Lst 45 pagg. 504;
Cambridge U.P. (01/06/2010)
Astronomia / Astronomy

Dark energy, the mysterious cause of the accelerating expansion of the universe, is one of the most important fields of research in astrophysics and cosmology today. Introducing the theoretical ideas, observational methods and results, this textbook is ideally suited to graduate courses on dark energy, and will also supplement advanced cosmology courses. Providing a thorough introduction to this exciting field, the textbook covers the cosmological constant, quintessence, k-essence, perfect fluid models, extra-dimensional models, and modified gravity. Observational research is reviewed, from the cosmic microwave background to baryon acoustic oscillations, weak lensing and cluster abundances. Every chapter ends with problems, with full solutions provided, and any calculations are worked through step-by-step

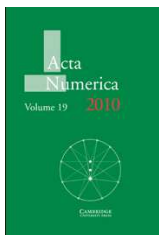
Geometria / Geometry



Bär C.
Elementary Differential Geometry
ril. 978052189671 Lst 65 br. 9780521721493 Lst 27,99 pagg. 335;
Cambridge U.P. (31/05/2010)
Geometria / Geometry

The link between the physical world and its visualization is geometry. This easy-to-read, generously illustrated textbook presents an elementary introduction to differential geometry with emphasis on geometric results. Avoiding formalism as much as possible, the author harnesses basic mathematical skills in analysis and linear algebra to solve interesting geometric problems, which prepare students for more advanced study in mathematics and other scientific fields such as physics and computer science. The wide range of topics includes curve theory, a detailed study of surfaces, curvature, variation of area and minimal surfaces, geodesics, spherical and hyperbolic geometry, the divergence theorem, triangulations, and the Gauss–Bonnet theorem

Matematica / Mathematics



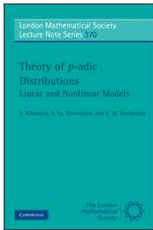
Acta Numerica 2010
Series: Acta Numerica
ril. 9780521192842 Lst 80 pagg. 582;
Cambridge U.P. (01/05/2010)
Matematica / Mathematics

Acta Numerica is an annual publication containing invited survey papers by leading researchers in numerical mathematics and scientific computing. The papers present overviews of recent developments in their area and provide 'state of the art' techniques and analysis. High impact survey volume • Contributors are leading researchers • Covers topics of current interest and presents state-of-the-art overviews of them



a cura di Jacob, Niels; Oshima, Yoichi; Takeda, Masayoshi
Masatoshi Fukushima: Selecta
ril. 9783110215243 Eur 139,95 pagg. 549;
De Gruyter (25/04/2010)
Matematica / Mathematics -STATISTICA / STATISTICS

Masatoshi Fukushima is one of the most influential probabilists of our times. His fundamental work on Dirichlet forms and Markov processes made Hilbert space methods a tool in stochastic analysis and by this he opened the way to several new developments. His impact on a new generation of probabilists can hardly be overstated



Albeverio S.

Theory of p-adic Distributions - Linear and Nonlinear Models

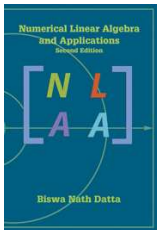
Series: *London Mathematical Society Lecture Note Series*

br. 9780521148566 Lst 40 pagg. 368;

Cambridge U.P. (01/03/2010)

Matematica / Mathematics

This is the first book devoted to the theory of p-adic wavelets and pseudo-differential equations in the framework of distribution theory. This relatively recent theory has become increasingly important in the last decade with exciting applications in a variety of fields, including biology, image analysis, psychology, and information science. p-Adic mathematical physics also plays an important role in quantum mechanics and quantum field theory, the theory of strings, quantum gravity and cosmology, and solid state physics. The authors include many new results



Biswa Nath Datta

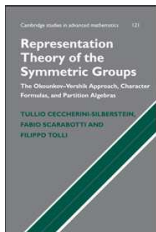
Numerical Linear Algebra and Applications 2/e

ril. 9780898716856 Lst 48 pagg. 554;

Cambridge U.P. (01/03/2010)

Matematica / Mathematics

Full of features and applications, this acclaimed textbook for upper undergraduate level and graduate level students includes all the major topics of computational linear algebra, including solution of a system of linear equations, least-squares solutions of linear systems, computation of eigenvalues, eigenvectors, and singular value problems. Drawing from numerous disciplines of science and engineering, the author covers a variety of motivating applications. When a physical problem is posed, the scientific and engineering significance of the solution is clearly stated



Ceccherini-Silberstein T.

Representation Theory of the Symmetric Groups -

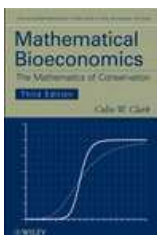
Series: *Cambridge Studies in Advanced Mathematics*

ril. 9780521118170 Lst 45 pagg. 428;

Cambridge U.P. (01/03/2010)

Matematica / Mathematics

The representation theory of the symmetric groups is a classical topic that, since the pioneering work of Frobenius, Schur and Young, has grown into a huge body of theory, with many important connections to other areas of mathematics and physics. This self-contained book provides a detailed introduction to the subject, covering classical topics such as the Littlewood–Richardson rule and the Schur–Weyl duality. Importantly the authors also present many recent advances in the area, including Lassalle's character formulas, the theory of partition algebras, and an exhaustive exposition of the approach developed by A. M. Vershik and A. Okounkov. A wealth of examples and exercises makes this an ideal textbook for graduate students. It will also serve as a useful reference for more experienced researchers across a range of areas, including algebra, computer science, statistical mechanics and theoretical physics



Clark

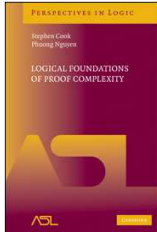
Mathematical Bioeconomics - The Mathematics of Conservation

pagg. 392;

Wiley (01/06/2010)

Matematica / Mathematics

Mathematical Bioeconomics: The Mathematics of Conservation analyzes the economic forces underlying the misuse of biological renewable resources and discusses economically effective methods of resource management. It shows how rigorous mathematical modeling can be used to solve the complex problems of bioeconomics. This Third Edition has been revised to address the importance of individual economic incentives, the over-riding importance of uncertainty, and the value of diversity. Resource managers, conservation biologists, ecologists, applied mathematicians, biologists, and economic analysts will rely on this timely resource



Cook S.

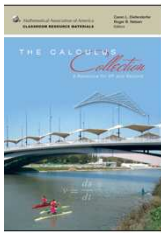
Logical Foundations of Proof Complexity

ril. 9780521517294 Lst 50 pagg. 492;

Cambridge U.P. (01/03/2010)

Matematica / Mathematics

This book treats bounded arithmetic and propositional proof complexity from the point of view of computational complexity. The first seven chapters include the necessary logical background for the material and are suitable for a graduate course. Associated with each of many complexity classes are both a two-sorted predicate calculus theory, with induction restricted to concepts in the class, and a propositional proof system. The complexity classes range from AC0 for the weakest theory up to the polynomial hierarchy. Each bounded theorem in a theory translates into a family of (quantified) propositional tautologies with polynomial size proofs in the corresponding proof system.



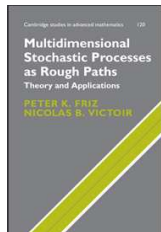
Diefenderfer C.L.

The Calculus Collection - A Resource for AP and Beyond

ril. 9780883857618 Lst 45,50 pagg. 528;

Cambridge U.P. (01/03/2010)

Matematica / Mathematics



Friz P.K.

Multidimensional Stochastic Processes as Rough Paths - Theory and Applications

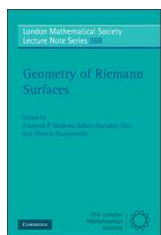
Series: Cambridge Studies in Advanced Mathematics

ril. 9780521876070 Lst 50 pagg. 670;

Cambridge U.P. (01/03/2010)

Matematica / Mathematics

Rough path analysis provides a fresh perspective on Ito's important theory of stochastic differential equations. Key theorems of modern stochastic analysis (existence and limit theorems for stochastic flows, Freidlin-Wentzell theory, the Stroock-Varadhan support description) can be obtained with dramatic simplifications. Classical approximation results and their limitations (Wong-Zakai, McShane's counterexample) receive 'obvious' rough path explanations. Evidence is building that rough paths will play an important role in the future analysis of stochastic partial differential equations and the authors include some first results in this direction



Gardiner F.P.

Geometry of Riemann Surfaces

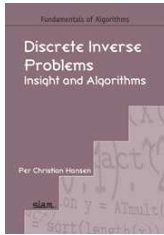
Series: London Mathematical Society Lecture Note Series

br. 9780521733076 Lst 45 pagg. 416;

Cambridge U.P. (01/03/2010)

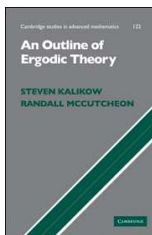
Matematica / Mathematics -GEOLOGIA / GEOLOGY

Riemann surfaces is a thriving area of mathematics with applications to hyperbolic geometry, complex analysis, fractal geometry, conformal dynamics, discrete groups, geometric group theory, algebraic curves and their moduli, various kinds of deformation theory, coding, thermodynamic formalism, and topology of three-dimensional manifolds. This collection of articles, authored by leading authorities in the field, comprises 16 expository essays presenting original research and up-to-date surveys of important topics related to Riemann surfaces and their geometry.



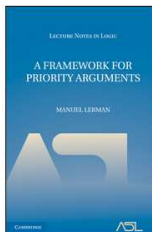
Hansen
Discrete Inverse Problems - Insight and Algorithms
br. 9780898716962 Lst pagg. 226;
Cambridge U.P. (01/03/2010)
Matematica / Mathematics

This acclaimed book introduces the practical treatment of inverse problems by means of numerical methods, with a focus on basic mathematical and computational aspects. To solve inverse problems, it demonstrates that insight about them and algorithms go hand in hand. Discrete Inverse Problems includes a number of tutorial exercises that give the reader hands-on experience with the methods, and challenges associated with the treatment of inverse problems. It includes carefully constructed illustrative computed examples and figures that highlight the important issues in the theory and algorithms.



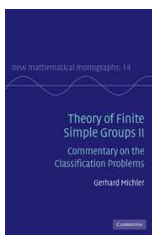
Kalikow S.
An Outline of Ergodic Theory
Series: Cambridge Studies in Advanced Mathematics
br. 9780521194402 Lst 35 pagg. 160;
Cambridge U.P. (01/03/2010)
Matematica / Mathematics

This informal introduction provides a fresh perspective on isomorphism theory, which is the branch of ergodic theory that explores the conditions under which two measure preserving systems are essentially equivalent. It contains a primer in basic measure theory, proofs of fundamental ergodic theorems, and material on entropy, martingales, Bernoulli processes, and various varieties of mixing. Original proofs of classic theorems - including the Shannon-McMillan-Breiman theorem, the Krieger finite generator theorem, and the Ornstein isomorphism theorem - are presented by degrees, together with helpful hints that encourage the reader to develop the proofs on their own



Lerman M.
A Framework for Priority Arguments
ril. 9780521119696 Lst 50 pagg. 176;
Cambridge U.P. (01/05/2010)
Matematica / Mathematics

This book presents a unifying framework for using priority arguments to prove theorems in computability. Priority arguments provide the most powerful theorem-proving technique in the field, but most of the applications of this technique are ad hoc, masking the unifying principles used in the proofs. The proposed framework presented isolates many of these unifying combinatorial principles and uses them to give shorter and easier-to-follow proofs of computability-theoretic theorems. Standard theorems of priority levels 1, 2, and 3 are chosen to demonstrate the framework's use, with all proofs following the same pattern



Michler
G.
Theory of Finite Simple Groups II - Commentary on the Classification Problems
Series: New Mathematical Monographs
ril. 9780521764919 Lst 95 pagg. 574;
Cambridge U.P. (01/03/2010)
Matematica / Mathematics

This is a coherent explanation for the existence of the 26 known sporadic simple groups originally arising from many unrelated contexts. The given proofs build on the close relations between general group theory, ordinary character theory, modular representation theory and algorithmic algebra described in the first volume. The author presents a new algorithm by which 25 sporadic simple groups can be constructed (the smallest Mathieu group M11 can be omitted for theoretical reasons), and demonstrates that it is not restricted to sporadic simple groups



Rosales J.C.

Numerical Semigroups

ril. 9781441901590 Eur 72,75 pagg. 182;

Springer Verlag (01/04/2010)

Matematica / Mathematics

This monograph is the first devoted exclusively to the development of the theory of numerical semigroups. In this concise, self-contained text, graduate students and researchers will benefit from this broad exposition of the topic



Turaev V.G.

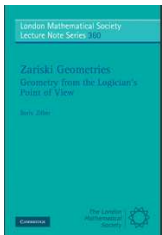
Quantum Invariants of Knots and 3-Manifolds / 2nd rev. ed

ril. 9783110221831 Eur 119,95 pagg. 592;

De Gruyter (20/04/2010)

Matematica / Mathematics

Due to the strong appeal and wide use of this monograph, it is now available in its second revised edition. The monograph gives a systematic treatment of 3-dimensional topological quantum field theories (TQFTs) based on the work of the author with N. Reshetikhin and O. Viro. This subject was inspired by the discovery of the Jones polynomial of knots and the Witten-Chern-Simons field theory. On the algebraic side, the study of 3-dimensional TQFTs has been influenced by the theory of braided categories and the theory of quantum groups



Zilber B.

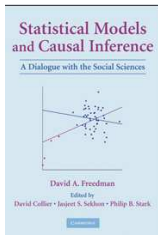
Zariski Geometries - Geometry from the Logician's Point of View

br. 9780521735605 Lst 35 pagg. 224;

Cambridge U.P. (01/03/2010)

Matematica / Mathematics -GEOLOGIA / GEOLOGY

This book presents methods and results from the theory of Zariski structures and discusses their applications in geometry as well as various other mathematical fields. Its logical approach helps us understand why algebraic geometry is so fundamental throughout mathematics and why the extension to noncommutative geometry, which has been forced by recent developments in quantum physics, is both natural and necessary. Beginning with a crash course in model theory, this book will suit not only model theorists but also readers with a more classical geometric background

Statistica / Statistics

Freedman D.A.

Statistical Models and Causal Inference - A Dialogue with the Social Sciences

ril. 9780521195003 Lst 50 br. 9780521123907 Lst 22,99 pagg. 416;

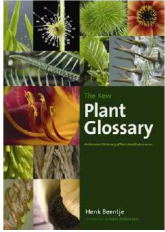
Cambridge U.P. (01/03/2010)

Statistica / Statistics

David A. Freedman presents here a definitive synthesis of his approach to causal inference in the social sciences. He explores the foundations and limitations of statistical modeling, illustrating basic arguments with examples from political science, public policy, law, and epidemiology. Freedman maintains that many new technical approaches to statistical modeling constitute not progress, but regress. Instead, he advocates a 'shoe leather' methodology, which exploits natural variation to mitigate confounding and relies on intimate knowledge of the subject matter to develop meticulous research designs and eliminate rival explanations. When Freedman first enunciated this position, he was met with scepticism, in part because it was hard to believe that a mathematical statistician of his stature would favor 'low-tech' approaches.

SCIENZE NATURALI / NATURAL SCIENCE

Botanica / Botany

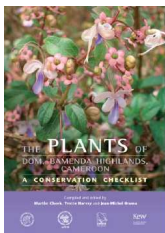


Beentje H.J.

The Kew Plant Glossary: an Illustrated Dictionary of Plant Identification terms

br. 9781842464229 Lst 18 pagg. 170;
ROYAL BOTANIC GARDENS Kew (01/06/2010)
Botanica / Botany

This plant glossary includes all descriptive terms used in floras, plant field guides and monographs. This is an essential companion for anyone working with plant descriptions, plant identification keys, floras, monographs and field guides. 4,100 botanical terms are described with accompanying illustrations



Cheek M.

The Plants of Dom, Bamenda Highlands, Cameroon: A Conservation Checklist

br. 9781842463987 Lst 35 pagg. 174; illustrazioni: 50;
ROYAL BOTANIC GARDENS Kew (01/04/2010)
Botanica / Botany

Dom is located in the Bamenda Highlands of North West Region (formerly North West Province) of Cameroon, and is home not just to several hundred people, but to several areas of forest now protected, managed, and in the process of being enlarged by the people of Dom, guided by the Bamenda-based NGO Apiculture and Nature Conservation organisation (ANCO). These protected forest areas are among the last fragments of a much greater area of forest that occurred in the Kejojang Mountains

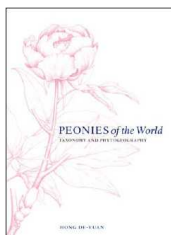


Clayton W.D.

A Key to Pacific Grasses

br. 9781842463796 Lst 30 pagg. 114;
ROYAL BOTANIC GARDENS Kew (30/04/2010)
Botanica / Botany

The Pacific Ocean is the most expansive geographical feature on Earth. Included in its domain are thousands of atolls, smaller islands and, depending on how its boundaries are defined, several larger islands and island groups. Members of the grass family, Poaceae, are almost ubiquitous and are widespread across the Pacific and this detailed key provides a taxonomic reference of the grasses growing throughout this region

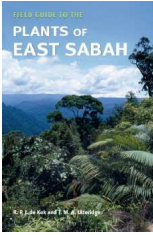


Hong De-Yuan

Peonies of the World: Taxonomy and Phytogeography

ril. 9781842463925 Lst 90 pagg. 312; illustrazioni: 80;
ROYAL BOTANIC GARDENS Kew (01/06/2010)
Botanica / Botany

The genus *Paeonia* is a famous group of plants that has been culturally significant in both the East and West for millennia, and is extensively cultivated for both ornamental and medicine purposes. The cultivated tree peony is known as 'The King of Flowers' in China, and the herbaceous peony was known as 'The Queen of Herbs' in ancient Greece. This book contains a comprehensive taxonomic revision of the genus based on extensive field observations, population sampling, examination of a large quantity of specimens (including type specimens) and statistic analysis of characters

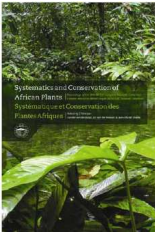


Rogier de Kok

Field Guide to the Plants of East Sabah, Malaysia

br. 9781842463789 Lst 25 pagg. 176;
ROYAL BOTANIC GARDENS Kew (01/06/2010)
Botanica / Botany

This is the first field guide dealing with the seed plants of the lowlands of East Sabah, Malaysia, and features the 84 most commonly encountered families in the low land rainforest of Danum Valley, Maliau Basin and Imbak Canyon. Plant families are presented alphabetically, and each carries a full description, with field characters and descriptions of the key genera. Each family is illustrated with full colour photographic images



Xander Van Der Burgt

Systematics and Conservation of African Plants: Proceedings of the 18th AETFAT Congress, Yaounde, Cameroon

ril. 9781842463888 Lst 100 pagg. 882;
ROYAL BOTANIC GARDENS Kew (01/05/2010)
Botanica / Botany

An edited volume based on the proceedings of the 18th AETFAT Congress held in Yaoundé, Cameroon. Includes 100 research papers in separate sections on taxonomy, phytogeography, ethnobotany, and the conservation and sustainable use of African plants. Includes papers covering recent advances in reproductive biology, vegetation and Podostomataceae in Africa. A separate section on African floras reflects the present state of knowledge and progress towards our understanding and documentation of the plants of Africa

TECNOLOGIA / TECHNOLOGY

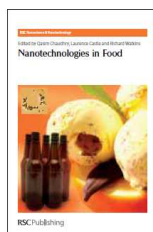
Tecnologia / Technology



Behera B.K.
Woven Textile Structure: Theory and Application
ril. 9781845695149 Lst 145 pagg. 472;
Woodhead Publishing Ltd (01/03/2010)
Tecnologia / Technology

Understanding and predicting the structure and properties of woven textiles is important for achieving specific performance characteristics in various woven applications. Woven textiles are used in a range of products such as apparel, technical and industrial textiles. Woven textile structure: Theory and applications provides comprehensive coverage of the structure, behaviour, modeling and design of woven fabrics and their relevance to the textile industry

Tecnologia Degli Alimenti & Bevande / Food & Beverage Technology



Chaudhry Q.
Nanotechnologies in Food
Series: RSC Nanoscience & Nanotechnology
ril. 9780854041695 Lst 110 pagg. 224;
Royal Society of Chemistry RSC (30/04/2010)
Tecnologia Degli Alimenti & Bevande / Food & Beverage Technology

The advent of nanotechnology has led to novel applications in a variety of industrial and consumer products, including food and food packaging. Although nanotechnology applications in the EU's food/food packaging industry are still at an elementary stage, it is widely anticipated that they will emerge on the EU market during the next few years. This book provides a source of much needed and up-to-date information on nano foods and food contact materials. Ideal for scientists, regulators, industrialists and consumers alike, this valuable book reviews current developments in the field and highlights areas of uncertainty in relation to safety of the consumer and the environment, and regulatory inadequacies and gaps



Hua T.C.
Freeze-drying of pharmaceutical and food products
ril. 9781845697464 Lst 115 pagg. 280;
Woodhead Publishing Ltd (01/04/2010)
Tecnologia Degli Alimenti & Bevande / Food & Beverage Technology

Freeze-drying is an important preservation technique for heat-sensitive pharmaceuticals and foods. Products are first frozen, then dried in a vacuum at low temperature by sublimation and desorption, rather than by the application of heat. The resulting items can be stored at room temperature for long periods. This informative text addresses both principles and practice in this area. The first chapter introduces freeze-drying. The authors then review the fundamentals of the technique, heat-mass transfer analyses, modelling of the drying process and the equipment employed. Further chapters focus on freeze-drying of food, freeze-drying of pharmaceuticals and the protective agents and additives applied. The final chapter covers the important subjects of disinfection, sterilization and process validation



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