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[History and Development of Traditional Chinese Medicine](#) - Zhen'guo Wang 1999

[Culture, Philosophy, and Chinese Medicine](#) - Fengli Lan 2012
Chinese medicine is a culturally dependent art of healing deeply rooted in the culture and philosophy of the country it originated from: China. This book has three independent but progressive parts, each bearing the title of one of the three courses taught by the author as a visiting professor at the Faculty of Philosophy, Vienna University, in the 2010-2011 winter semester, namely: <I>Overview of Chinese Culture through Chinese Characters, <I>Fundamental Concepts of Classical Chinese Philosophy and <I>The Importance of Metaphors in Chinese Medicine, which are in the fields of philosophy of language, philosophy of science, and intercultural philosophy, aiming to reveal the essence of philosophy of Chinese language, classical Chinese philosophy and Chinese medicine within the context of a global, multicultural background. This book sums up the author's research outcome of the last few years in an area of study on culture, philosophy and Chinese medicine which has been too often misunderstood or insufficiently emphasized.

Zen and Japanese Culture - Daisetz Teitaro Suzuki 1970
One of this century's leading works on Zen, this book is a valuable source

for those wishing to understand its concepts in the context of Japanese life and art. In simple, often poetic, language, Daisetz Suzuki describes what Zen is, how it evolved, and how its emphasis on primitive simplicity and self-effacement have helped to shape an aesthetics found throughout Japanese culture. He explores the surprising role of Zen in the philosophy of the samurai, and subtly portrays the relationship between Zen and swordsmanship, haiku, tea ceremonies, and the Japanese love of nature. Suzuki's contemplative discussion is enhanced by anecdotes, poetry, and illustrations showing silk screens, calligraphy, and examples of architecture.

Warm Disease Theory - Jian Min Wen 2000

An academic, rigorous, and faithful translation of one of the four great classics of Chinese medicine.

Framing the Rhetoric of a Leader - Marta Degani 2015-01-16
Framing the Rhetoric of a Leader investigates Barack Obama's much celebrated rhetoric from a cognitive semantics point of view. Based on a selection of 30 election campaign speeches during Obama's first run for the American presidency in 2008, the book provides an application of Lakoff's (1996) Strict Father and Nurturant Parent models of political morality. Degani explores the question of whether the Democratic presidential candidate presented himself as a 'nurturant parent' at this crucial phase in his career, as predicted in Lakoff's models. The

empirical approach taken in this book combines the identification of moral values, conceptual metaphors and key terms contained in the speeches to provide a comprehensive analysis of Obama's language and political discourse in the USA. This book will be of great interest to researchers of political discourse, rhetoric and American politics, as well as to speech writers.

An Innocent Abroad - J. Hillis Miller 2015-11-30

Since 1988, J. Hillis Miller has traveled to China to lecture on literary theory, especially the role of globalization in literary theory. Over time, he has assisted in the development of distinctively Chinese forms of literary theory, Comparative Literature, and World Literature. The fifteen lectures gathered in *An Innocent Abroad* span both time and geographic location, reflecting his work at universities across China for more than twenty-five years. More important, they reflect the evolution of Miller's thinking and of the lectures' contexts in China as these have markedly changed over the years, especially on either side of Tiananmen Square and in light of China's economic growth and technological change. A foreword by the leading theorist Fredric Jameson provides additional context.

Federated Learning - Qiang Yang 2020-11-25

This book provides a comprehensive and self-contained introduction to federated learning, ranging from the basic knowledge and theories to various key applications. Privacy and incentive issues are the focus of this book. It is timely as federated learning is becoming popular after the release of the General Data Protection Regulation (GDPR). Since federated learning aims to enable a machine model to be collaboratively trained without each party exposing private data to others. This setting adheres to regulatory requirements of data privacy protection such as GDPR. This book contains three main parts. Firstly, it introduces different privacy-preserving methods for protecting a federated learning model against different types of attacks such as data leakage and/or data poisoning. Secondly, the book presents incentive mechanisms which aim to encourage individuals to participate in the federated learning ecosystems. Last but not least, this book also describes how federated

learning can be applied in industry and business to address data silo and privacy-preserving problems. The book is intended for readers from both the academia and the industry, who would like to learn about federated learning, practice its implementation, and apply it in their own business. Readers are expected to have some basic understanding of linear algebra, calculus, and neural network. Additionally, domain knowledge in FinTech and marketing would be helpful."

Tense-Switching in Classical Greek - Arjan A. Nijk 2022-02-17

Tense is at its most interesting when it behaves badly. In this book Arjan Nijk investigates the variation between the past and present tenses to refer to past events in Classical Greek and beyond. Adopting a cognitive approach to the issue, he argues that the use of the present for preterite depends on the activation of implicit conceptual scenarios in which the gap between the past and the present is bridged. The book is distinguished from previous accounts by its precision in describing these conceptual scenarios, the combination of linguistic theorising with philological and statistical methods, the size of the corpus under investigation and the explicitly cross-linguistic scope. It provides a complete overview of the phenomenon of tense switching in Classical Greek, as well as new theoretical perspectives on deixis and viewpoint, and is important for classicists, narratologists and linguists of every stamp.

WHO Global Report on Traditional and Complementary Medicine 2019 - World Health Organization 2019-05-16

This report is structured in five parts: national framework for traditional and complementary medicine (T&CM); product regulation; practices and practitioners; the challenges faced by countries; and finally the country profiles. Apart from the section on practices and practitioners the report is consistent with the format of the report of the first global survey in order to provide a useful comparison. The section on practices and practitioners which covers providers education and health insurance is a new section incorporated to reflect the emerging trends in T&CM and to gather new information regarding these topics at a national level. All new information received has been incorporated into individual country

profiles and data graphs. The report captures the three phases of progress made by Member States; that is before and after the first WHO Traditional Medicine Strategy (1999?2005) from the first global survey to the second global survey (2005?2012) and from the second survey to the most recent timeline (2012?2018).

3D Printing in Medicine - Deepak M Kalaskar 2017-04-17

3D Printing in Medicine examines the emerging market of 3D-printed biomaterials and its clinical applications. With a particular focus on both commercial and premarket tools, the book looks at their applications within medicine and the future outlook for the field. The book begins with a discussion of the fundamentals of 3D printing, including topics such as materials, and hardware. Chapters go on to cover applications within medicine such as computational analysis of 3D printed constructs, personalized 3D printing and 3D cell and organ printing. The concluding chapters in the book review the applications of 3D printing in diagnostics, drug development, 3D-printed disease models and 3D printers for surgical practice. With a strong focus on the translation of 3D printing technology to a clinical setting, this book is a valuable resource for scientists and engineers working in biomaterial, biomedical, and nanotechnology based industries and academia. Provides a comprehensive and authoritative overview of all the medical applications of 3D printing biomaterials and technologies Focuses on the emerging market of 3D printed biomaterials in clinical applications Reviews both commercial and under development materials, tools, their applications, and future evolution

Sleep Medicine - Sudhansu Chokroverty 2015-09-22

This comprehensive volume provides a balanced and easily readable account of the rise of modern sleep medicine, its history and developmental milestones. Authored by an international group of experts, the remarkable progress and fascinating evolution from rudimentary concepts of the ancient prehistoric and early classical periods to our contemporary knowledge are covered in detail. These examples and their relationship to modern therapies offer neurologists, psychiatrists, respiratory specialists, clinicians, researchers and those

interested in sleep medicine an important perspective to the origins of current practice.

Acupuncture for Brain - Tianjun Wang 2020-12-05

This book systematically introduces the Brain in Traditional Chinese Medicine (TCM) and its acupuncture treatments. It discusses the origin and development of the TCM Brain theory, and presents current research on brain and acupuncture, the unique brain related techniques such as scalp acupuncture and Dao-qi technique, the new developing acupuncture treatment methods for brain-related conditions, such as stroke, Parkinson's, dementia, Alzheimer's disease, multiple sclerosis, traumatic brain injury, autism, cerebral palsy and depression, anxiety, bipolar disorder among others. This book is of interest to TCM and acupuncture practitioners in the West, as well as acupuncture researchers and lecturers. It gives a new understanding of the brain and treatments for brain-related conditions from a complementary medicine point of view.

Persuasion in Public Discourse - Jana Pelclová 2018-08-08

This book approaches persuasion in public discourse as a rhetorical phenomenon that enables the persuader to appeal to the addressee's intellectual and emotional capacities in a competing public environment. The aim is to investigate persuasive strategies from the overlapping perspectives of cognitive and functional linguistics. Both qualitative and quantitative analyses of authentic data (including English, Czech, Spanish, Slovene, Russian, and Hungarian) are grounded in the frameworks of functional grammar, facework and rapport management, classical rhetoric studies and multimodal discourse analysis and are linked to the constructs of (re)framing, conceptual metaphor and blending, mental space and viewpoint. In addition to traditional genres such as political speeches, news reporting, and advertising, the book also studies texts that examine book reviews, medieval medical recipes, public complaints or anonymous viral videos. Apart from discourse analysts, pragmatists and cognitive linguists, this book will appeal to cognitive musicologists, semioticians, historical linguists and scholars of related disciplines.

The Genus Citrus - Manuel Talon 2020-01-21

The Genus Citrus presents the enormous amount of new knowledge that has been generated in recent years on nearly all topics related to citrus. Beginning with an overview of the fundamental principles and understanding of citrus biology and behavior, the book provides a comprehensive view from Citrus evolution to current market importance. Reporting on new insights supported by the elucidation of the citrus genome sequence, it presents groundbreaking theories and fills in previous knowledge gaps. Because citrus is among the most difficult plants to improve through traditional breeding, citrus researchers, institutions and industries must quickly learn to adapt to new developments, knowledge and technologies to address the biological constraints of a unique fruit-tree such as citrus. Despite the challenges of working with citrus, tremendous progress has been made, mostly through advances in molecular biology and genomics. This book is valuable for all those involved with researching and advancing, producing, processing, and delivering citrus products. Includes the most current research on citrus genomic information Provides the first detailed description of citrus origin, a new proposal for citrus taxonomy, and a redefinition of the genus Citrus Details citrus challenges including climate change, global disease impacts, and plant improvement strategies

Shang Han Lun - Zhongjing Zhang 1999

The Shang Han Lun (On Cold Damage) is among the oldest surviving, the most copiously annotated and the most revered of Chinas traditional medical texts. Of all of Chinas early medical classics, the Shang Han Lun is undoubtedly the one with the greatest relevance to the modern practice of Chinese medicine, and the one most deserving of Western attention. It was the first book to attempt to incorporate medicinal therapy into the medicine of systematic correspondences and channels and network vessels. Far ahead of its time in both theory and practice, it is not surprising that the prescriptions it contains comprise an important part of todays medicinal formulary.

Li Dong-yuan's Treatise on the Spleen & Stomach - Shou-zhong

Yang 1993

This is a translation and annotation of Li Dong-yuan's Pi Wei Lun; by Bob Flaws. With so much new research in China on the ideas and formulas of Li Dong-yuan, we feel this book is one of the most important pre-modern texts in Chinese medicine for 21st century clinicians. Bob has undertaken the task of a fresh translation of this book, this time including detailed commentary, relevant case histories and random clinical trail reports for each chapter.

A Desperate Passion: An Autobiography - Helen Caldicott 1997-11-17

"She showed me what one set-on-fire human being can do to shift the consciousness of the world." —Sister Helen Prejean, author of Dead Man Walking "Dr. Helen Caldicott," the Sunday San Francisco Chronicle declares, "is back on the scene." A Desperate Passion is Caldicott's engaging, inspiring memoir, chronicling her life both on and off the scene. Raised in Australia and trained as a physician, she first found her voice protesting French nuclear tests in the Pacific. Years later she rose to international prominence, founding Physicians for Social Responsibility, "which did perhaps more than any other group to thrust the nuclear issue under the public eye" (New York Times). "Driven by intense passions, she seems to have adopted the world's population as her children. And all of us are probably better off as a result" (East Bay Express Books)—but Caldicott, wife and mother of three, found that her success did not come without cost. This is a personal story too, a candid, revealing self-portrait of a woman who has not relinquished her remarkable efforts to save the world.

A History of Chinese Science and Technology - Yongxiang Lu 2014-10-10

A History of Chinese Science and Technology (Volumes 1, 2 & 3) presents 44 individual lectures, beginning with Ancient Chinese Science and Technology in the Process of Human Civilizations and an Overview of Chinese Science and Technology, and continuing with in-depth discussions of several issues in the History of Science and the Needham Puzzle, interspersed with topics on Astronomy, Arithmetic, Agriculture and Medicine, The Four Great Inventions, and various technological areas closely related to clothing, food, shelter and transportation. This

book is the most authoritative work on the history of Chinese Science and Technology. It is the Winner of the China Book Award, the Shanghai Book Award (1st prize), and the Classical China International Publishing Project (GAPP, General Administration of Press and Publication of China) and offers an essential resource for academic researchers and non-experts alike. It originated with a series of 44 lectures presented to top Chinese leaders, which received very positive feedback. Written by top Chinese scholars in their respective fields from the Institute for the History of Natural Sciences, Chinese Academy of Sciences and many other respected Chinese organizations, the book is intended for scientists, researchers and postgraduate students working in the history of science, philosophy of science and technology, and related disciplines. Yongxiang Lu is a professor, former president and member of the Chinese Academy of Sciences (CAS) and Chinese Academy of Engineering (CAE), and Vice Chairman of the National Congress of China.

Biocomputing - Panos M. Pardalos 2013-12-01

In the quest to understand and model the healthy or sick human body, researchers and medical doctors are utilizing more and more quantitative tools and techniques. This trend is pushing the envelope of a new field we call Biomedical Computing, as an exciting frontier among signal processing, pattern recognition, optimization, nonlinear dynamics, computer science and biology, chemistry and medicine. A conference on Biocomputing was held during February 25-27, 2001 at the University of Florida. The conference was sponsored by the Center for Applied Optimization, the Computational Neuroengineering Center, the Biomedical Engineering Program (through a Whitaker Foundation grant), the Brain Institute, the School of Engineering, and the University of Florida Research & Graduate Programs. The conference provided a forum for researchers to discuss and present new directions in Biocomputing. The well-attended three days event was highlighted by the presence of top researchers in the field who presented their work in Biocomputing. This volume contains a selective collection of refereed papers based on talks presented at this conference. You will find seminal

contributions in genomics, global optimization, computational neuroscience, FMRI, brain dynamics, epileptic seizure prediction and cancer diagnostics. We would like to take the opportunity to thank the sponsors, the authors of the papers, the anonymous referees, and Kluwer Academic Publishers for making the conference successful and the publication of this volume possible. Panos M. Pardalos and Jose C. **The Web That Has No Weaver** - Ted J. Kaptchuk 2000-05-02
A Doody's Core Title for 2019! The Web That Has No Weaver is the classic, comprehensive guide to the theory and practice of Chinese alternative medicine. This accessible and invaluable resource has earned its place as the foremost authority in synthesizing Western and Eastern healing practices. This revised edition is the product of years of further reflection on ancient Chinese sources and active involvement in cutting-edge scientific research.

Judging a Book by Its Cover - Nickianne Moody 2016-12-05

How do books attract their readers? This collection takes a closer look at book covers and their role in promoting sales and shaping readers' responses. Judging a Book by Its Cover brings together leading scholars, many with experience in the publishing industry, who examine the marketing of popular fiction across the twentieth century and beyond. Using case studies, and grounding their discussions historically and methodologically, the contributors address key themes in contemporary media, literary, publishing, and business studies related to globalisation, the correlation between text and image, identity politics, and reader reception. Topics include book covers and the internet bookstore; the links between books, the music industry, and film; literary prizes and the selling of books; subcultures and sales of young adult fiction; the cover as a signifier of literary value; and the marketing of ethnicity and lesbian pulp fiction. This exciting collection opens a new field of enquiry for scholars of book history, literature, media and communication studies, marketing, and cultural studies.

Nanoscale Materials - Luis M. Liz-Marzán 2007-05-08

Organized nanoassemblies of inorganic nanoparticles and organic molecules are building blocks of nanodevices, whether they are designed

to perform molecular level computing, sense the environment or improve the catalytic properties of a material. The key to creation of these hybrid nanostructures lies in understanding the chemistry at a fundamental level. This book serves as a reference book for researchers by providing fundamental understanding of many nanoscopic materials.

Innovation Policy and the Economy - National Bureau of Economic Research 2004

Leading economists discuss how economic policy can stimulate technological innovation.

Key Advances in Clinical Informatics - Aziz Sheikh 2017-06-28

Key Advances in Clinical Informatics: Transforming Health Care through Health Information Technology provides a state-of-the-art overview of the most current subjects in clinical informatics. Leading international authorities write short, accessible, well-referenced chapters which bring readers up-to-date with key developments and likely future advances in the relevant subject areas. This book encompasses topics such as inpatient and outpatient clinical information systems, clinical decision support systems, health information technology, genomics, mobile health, telehealth and cloud-based computing. Additionally, it discusses privacy, confidentiality and security required for health data. Edited by internationally recognized authorities in the field of clinical informatics, the book is a valuable resource for medical/nursing students, clinical informaticists, clinicians in training, practicing clinicians and allied health professionals with an interest in health informatics. Presents a state-of-the-art overview of the most current subjects in clinical informatics. Provides summary boxes of key points at the beginning of each chapter to impart relevant messages in an easily digestible fashion. Includes internationally acclaimed experts contributing to chapters in one accessible text. Explains and illustrates through international case studies to show how the evidence presented is applied in a real world setting.

Knowledge and Text Production in an Age of Print: China, 900-1400 - Lucille Chia 2011-02-17

"The essays in this volume come mostly out of the conference, 'First

Impressions: The Cultural History of Print in Imperial China (8th-14th centuries), ' that took place at the Fairbank Center for East Asian Research, Harvard University, June 25-27, 2007"--Acknowledgements.

Huang Di Nei Jing Su Wen - Paul U. Unschuld 2011-07-28

A foundation of Chinese life sciences and medicine, the Huang Di Nei Jing Su Wen is now available for the first time in a complete, fully annotated English translation. Also known as Su Wen, or The Yellow Emperor's Inner Classic, this influential work came into being over a long period reaching from the 2nd century bce to the 8th century ce. Combining the views of different schools, it relies exclusively on natural law as conceptualized in yin/yang and Five Agents doctrines to define health and disease, and repeatedly emphasizes personal responsibility for the length and quality of one's life. This two-volume edition includes excerpts from all the major commentaries on the Su Wen, and extensive annotation drawn from hundreds of monographs and articles by Chinese and Japanese authors produced over the past 1600 years and into the twentieth century.

Drug Utilization Research - Monique Elseviers 2016-05-31

Drug Utilization Research (DUR) is an eclectic scientific discipline, integrating descriptive and analytical methods for the quantification, understanding and evaluation of the processes of prescribing, dispensing and consumption of medicines and for the testing of interventions to enhance the quality of these processes. The discipline is closely related and linked mainly to the broader field of pharmacoepidemiology, but also to health outcomes research, pharmacovigilance and health economics. Drug Utilization Research is a unique, practical guide to the assessment and evaluation of prescribing practices and to interventions to improve the use of medicines in populations. Edited by an international expert team from the International Society for Pharmacoepidemiology (ISPE), DUR is the only title to cover both the methodology and applications of drug utilization research and covers areas such as health policy, specific populations, therapeutics and adherence.

Cancer Risk by Social Class and Occupation - Eero I. Pukkala 1995

This study deals with the vexed question of what groups in the general

population run the risk of developing cancer. Based on information provided by the highly-regarded Finnish Cancer Registry, the survey considers the incidence of cancers affecting as many as 46 parts of the body and their links with 335 occupational categories. By adjusting the occupation-specific risk ratios for social class, restricting their study to a particular age-group and applying the same criteria to women as to men, the author strives to make the relationship between cancers and certain occupations as clear as possible. His results are shown to correlate well with those obtained from specific studies of occupational cancer. Factors related to a person's occupation seem to determine some cancer risks, while the overall incidence and types of malignancy appear to be associated with the way of life of one's social class. Smoking, diet and reproductive factors are discussed from this viewpoint. Of interest for future research, new connections between disease and occupation are indicated in some contributions. Epidemiologists, oncologists, environmentalists and those working in preventive medicine as well as in occupational and public health will find much to interest them in this clearly organized book.

Cheap Modernism - Lise Jaillant 2017-04-17

We often think of Mrs Dalloway or A Portrait of the Artist as a Young Man as difficult books, originally published in small print runs for a handful of readers. But from the mid-1920s, these texts and others were available in cheap format across Europe. Uniform series of reprints such as the Travellers' Library, the Phoenix Library, Tauchnitz and Albatross sold modernism to a wide audience - thus transforming a little-read 'highbrow' movement into a popular phenomenon. The expansion of the readership for modernism was not only vertical (from 'high' to 'low') but also spatial - since publisher's series were distributed within and outside metropolitan centres in Britain, continental Europe and elsewhere. Many non-English native speakers discovered texts by Joyce, Woolf and others in the original language - a fact that has rarely been mentioned in histories of modernism. Drawing on extensive work in neglected archives, Cheap Modernism will be of interest to all those who want to know how the new

literature became a global commercial hit.

Everyday Religion - Nancy Tatom Ammerman 2007

Attempting to let 'everyday religion' raise critical questions about how we understand the role of religion in society, this book examines the social circumstances of religion's presence and absence.

Antituberculosis Chemotherapy - Peter R. Donald 2011

Tuberculosis (TB) remains one of the major infectious diseases of mankind although drugs for its treatment have been available for nearly 60 years. The standard short-course 6-month regimen used since about 1980 has helped to save millions of lives, but co-infection with HIV has had a devastating effect on the epidemic, and multidrug-resistant TB is a growing problem, particularly in communities with a high incidence of HIV. Following the declaration by the WHO in the early 1990s that TB was a 'global health emergency', interest in TB research and the development of new drugs has increased significantly. This volume reviews anti-TB chemotherapy with the emphasis on the actions and pharmacology of existing drugs and the development and evaluation of new agents. A close look is taken at new research regarding our existing drugs by some of the best-known specialists in the field, and historical aspects of these agents are reviewed from a modern perspective. The prospects for the introduction of new drugs and different approaches of how to assess them in adults and in children are discussed in detail.

Several papers address the problems associated with drug resistance, its spread and diagnosis. Compiled by two editors from Cape Town, which has a particularly high incidence of TB and is a centre of tuberculosis research, this publication is an indispensable reference for anyone involved in the management of TB either as a researcher, clinician or administrator, and those working in drug development.

Chinese Medicine and Healing - TJ Hinrichs 2013

In covering the subject of Chinese medicine, this book addresses topics such as oracle bones, the treatment of women, fertility and childbirth, nutrition, acupuncture, and Qi as well as examining Chinese medicine as practiced globally in places such as Africa, Australia, Vietnam, Korea, and the United States.

Bridge Maintenance, Safety, Management, Life-Cycle Sustainability and Innovations - Hiroshi Yokota 2021-04-20

Bridge Maintenance, Safety, Management, Life-Cycle Sustainability and Innovations contains lectures and papers presented at the Tenth International Conference on Bridge Maintenance, Safety and Management (IABMAS 2020), held in Sapporo, Hokkaido, Japan, April 11-15, 2021. This volume consists of a book of extended abstracts and a USB card containing the full papers of 571 contributions presented at IABMAS 2020, including the T.Y. Lin Lecture, 9 Keynote Lectures, and 561 technical papers from 40 countries. The contributions presented at IABMAS 2020 deal with the state of the art as well as emerging concepts and innovative applications related to the main aspects of maintenance, safety, management, life-cycle sustainability and technological innovations of bridges. Major topics include: advanced bridge design, construction and maintenance approaches, safety, reliability and risk evaluation, life-cycle management, life-cycle sustainability, standardization, analytical models, bridge management systems, service life prediction, maintenance and management strategies, structural health monitoring, non-destructive testing and field testing, safety, resilience, robustness and redundancy, durability enhancement, repair and rehabilitation, fatigue and corrosion, extreme loads, and application of information and computer technology and artificial intelligence for bridges, among others. This volume provides both an up-to-date overview of the field of bridge engineering and significant contributions to the process of making more rational decisions on maintenance, safety, management, life-cycle sustainability and technological innovations of bridges for the purpose of enhancing the welfare of society. The Editors hope that these Proceedings will serve as a valuable reference to all concerned with bridge structure and infrastructure systems, including engineers, researchers, academics and students from all areas of bridge engineering.

Advances in Human Factors and Ergonomics in Healthcare and Medical Devices - Jay Kalra 2021-07-08

This book is concerned with human factors and ergonomics research and

developments in the design and use of systems and devices for effective and safe healthcare delivery. It reports on approaches for improving healthcare devices so that they better fit to people's, including special population's needs. It also covers assistive devices aimed at reducing occupational risks of health professionals as well as innovative strategies for error reduction, and more effective training and education methods for healthcare workers and professionals. Equal emphasis is given to digital technologies and to physical, cognitive and organizational aspects, which are considered in an integrated manner, so as to facilitate a systemic approach for improving the quality and safety of healthcare service. The book also includes a special section dedicated to innovative strategies for assisting caregivers', patients', and people's needs during pandemic. Based on papers presented at the AHFE 2021 Conference on Human Factors and Ergonomics in Healthcare and Medical Devices, held virtually on 25-29 July, 2021, from USA, the book offers a timely reference guide to both researchers and healthcare professionals involved in the design of medical systems and managing healthcare settings, as well as to healthcare counselors and global health organizations.

The Evolution of Chinese Medicine - Asaf Goldschmidt 2008-10-08

The history of Chinese medicine hinges on three major turning points: the formation of canonical theory in the Han dynasty; the transformation of medicine via the integration of earlier medical theories and practices in the Song dynasty; and the impact of Western medicine from the nineteenth century onwards. This book offers a comprehensive overview of the crucial second stage in the evolution of Chinese medicine by examining the changes in Chinese medicine during the pivotal era of the Song dynasty. Scholars often characterize the Song era as a time of change in every aspect of political, social, intellectual or economic life. More specifically it focuses on three narratives of change: the emperor's interest in medicine elevated the status of medicine in the eyes of the elite, leading to an increased involvement of intellectuals and the literary elite in medicine government officials systematically revised, printed, and promulgated earlier heterogeneous medical manuscripts belonging

to various traditions the government established unique imperially sponsored medical institutions to handle public health and other aspects of medicine. As the first book to study the transformation medicine underwent during the Song period this volume will appeal to Sinologists and scholars of the history of medicine alike.

Metal-Organic Framework Materials - Leonard R. MacGillivray
2014-09-19

Metal-Organic Frameworks (MOFs) are crystalline compounds consisting of rigid organic molecules held together and organized by metal ions or clusters. Special interests in these materials arise from the fact that many are highly porous and can be used for storage of small molecules, for example H₂ or CO₂. Consequently, the materials are ideal candidates for a wide range of applications including gas storage, separation technologies and catalysis. Potential applications include the storage of hydrogen for fuel-cell cars, and the removal and storage of carbon dioxide in sustainable technical processes. MOFs offer the inorganic chemist and materials scientist a wide range of new synthetic possibilities and open the doors to new and exciting basic research. Metal-Organic Frameworks Materials provides a solid basis for the understanding of MOFs and insights into new inorganic materials structures and properties. The volume also reflects progress that has been made in recent years, presenting a wider range of new applications including state-of-the-art developments in the promising technology for alternative fuels. The comprehensive volume investigates structures, symmetry, supramolecular chemistry, surface engineering, recognition, properties, and reactions. The content from this book will be added online to the Encyclopedia of Inorganic and Bioinorganic Chemistry:

<http://www.wileyonlinelibrary.com/ref/eibc>
<http://www.wileyonlinelibrary.com/ref/eibc/a>

Biocomputing 2021 - Proceedings Of The Pacific Symposium - Russ B Altman 2020-11-24

The Pacific Symposium on Biocomputing (PSB) 2021 is an international, multidisciplinary conference for the presentation and discussion of

current research in the theory and application of computational methods in problems of biological significance. Presentations are rigorously peer reviewed and are published in an archival proceedings volume. PSB 2021 will be held on a virtual platform at psb.stanford.edu/ on January 5-7, 2021. Tutorials and workshops will be offered prior to the start of the conference. PSB 2021 will bring together top researchers from the US, the Asian Pacific nations, and around the world to exchange research results and address open issues in all aspects of computational biology. It is a forum for the presentation of work in databases, algorithms, interfaces, visualization, modeling, and other computational methods, as applied to biological problems, with emphasis on applications in data-rich areas of molecular biology. The PSB has been designed to be responsive to the need for critical mass in sub-disciplines within biocomputing. For that reason, it is the only meeting whose sessions are defined dynamically each year in response to specific proposals. PSB sessions are organized by leaders of research in biocomputing's 'hot topics.' In this way, the meeting provides an early forum for serious examination of emerging methods and approaches in this rapidly changing field.

Laser Induced Breakdown Spectroscopy - Andrzej W. Miziolek
2006-09-07

Laser Induced Breakdown Spectroscopy (LIBS) is an emerging technique for determining elemental composition. With the ability to analyse solids, liquids and gases with little or no sample preparation, it is more versatile than conventional methods and is ideal for on-site analysis. This is a comprehensive reference explaining the fundamentals of the LIBS phenomenon, its history and its fascinating applications across eighteen chapters written by recognized leaders in the field. Over 300 illustrations aid understanding. This book will be of significant interest to researchers in chemical and materials analysis within academia and industry.

Jewish Refugees in Shanghai 1933-1947 - Irene Eber 2018-11-12

Around 20,000 Jews, mostly from Germany and Austria, managed to escape Nazi persecution in the late 1930s and fled to Shanghai, where they found a safe refuge despite the increasing harassment of the Japanese authorities. In the face of difficult conditions, the Jewish

refugees tried to arrange for both their material needs and the continuation of their communal cultural life. The 184 sources collected in the present volume document not only these efforts, but also the support of the local Jewish aid committees and other, mostly Jewish international aid organizations. The reactions of Nazi authorities in Germany and their

representatives in Shanghai are included as well, as are impressions from the Japanese and Chinese sides. The documents - in German, English, Yiddish, Hebrew, Russian, and Chinese - are annotated, partially translated, and accompanied by introductions, maps, and photographs. In Pursuit of Excellence - B. V. Subbarayappa 1992