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 Proceedings of 9th Edition of International Conference on Analytical Chemistry 2018
 Issues in Biotechnology and Medical Technology Research and Application: 2011 Edition
 The Promise of Small and Medium Enterprises
 Enhancing Art, Culture, and Design With Technological Integration
 Materials Science and Engineering: Concepts, Methodologies, Tools, and Applications
 Nanostructured Metal-Oxide Electrode Materials for Water Purification
 Light Metals—Advances in Research and Application: 2012 Edition
 Enhanced Chitosan Material for Water Treatment
 Technology Development and Platform Enhancements for Successful Global E-Government Design
 Intelligent Systems Applications in Software Engineering
 Advances in Nanotechnology Research and Application: 2012 Edition
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KAYDEN ASHLEY

ICT Education IGI Global

Biotechnological Applications of Biomass provides a comprehensive overview of the current state of the art of biomass utilization in agriculture and pharmaceuticals. The information contained herein is useful to researchers and other readers interested in biomass utilization and production of bioproducts.

Application of Nanotechnology in Mining Processes IGI Global

This book reports on the development of nanostructured metal-oxide-based electrode materials for use in water purification. The removal of organic pollutants and heavy metals from wastewater is a growing environmental and societal priority. This book thus focuses primarily on new techniques to modify the nanostructural properties of various solvent-electrolyte combinations to address these issues. Water treatment is becoming more and more challenging due to the ever increasing complexity of the pollutants present, requiring alternative and complementary approaches toward the removal of toxic chemicals, heavy metals and micro-organisms, to name a few. This contributed volume cuts across the fields of electrochemistry, water science, materials science, and nanotechnology, while presenting up-to-date experimental results on the properties and synthesis of metal-oxide electrode materials, as well as their application to areas such as biosensing and photochemical removal of organic wastewater pollutants.

Featuring an introductory chapter on electrochemical cells, this book is well positioned to acquaint interdisciplinary researchers to the field, while providing topical coverage of the latest techniques and methodology. It is ideal for students and research professionals in water science, materials science, and chemical and civil engineering.

Achieving Full Realization and Mitigating the Challenges of the Internet of Things Springer Nature

Light Metals—Advances in Research and Application: 2012 Edition is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Light Metals. The editors have built Light Metals—Advances in Research and Application: 2012 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Light Metals in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Light Metals—Advances in Research and Application: 2012 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

Deanship in the Global South IGI Global

Alkalies: Advances in Research and Application: 2011 Edition is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Alkalies. The editors have built Alkalies: Advances in Research and Application: 2011 Edition on the vast information databases of

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[Software Engineering Application in Informatics](#) Springer Nature

Students who partook in the study displayed a positive perception of using messaging service applications in an educational environment. The textual interaction analysis indicates that students were able to successfully interact and use messaging services as educational supporting tool outside the classroom.

Additive Manufacturing: Materials, Processes, Quantifications and Applications Springer Nature

March 26-28, 2018 Vienna, Austria Key Topics : Novel Approaches To Analytical And Bioanalytical Methods, Analytical Methodology, Bioanalytical Methodology, Chromatographic Techniques, Environmental Analytical Chemistry, Electrophoresis, Advancements In Mass Spectrometry, Forensic Analysis, Advances In Separation Techniques, Analytical Biotechnology, Pharmaceutical Analysis, Process Analytical Chemistry, Thermal Analysis And Glycomics, Applications Of Analytical And Bioanalytical Methods, New Instrumentation And Equipment, Regulatory Issues And Biosafety Challenges In Bioanalysis,

Computer Systems and Software Engineering: Concepts, Methodologies, Tools, and Applications African Sun Media

Centered on the impact of information and communication technology in socio-technical environments and its support of human activity systems, the study of information systems remains a distinctive focus in the area of computer science research. Information Systems Research and Exploring Social Artifacts: Approaches and Methodologies discusses the approaches and methodologies currently being used in the field on information systems. This reference source covers a wide variety of socio-technical aspects of the design of IS artifacts as well as the study of their use. This book aims to be useful for researchers, scholars and students interested in expanding their knowledge on the assortment of research on information systems.

[Alkalies: Advances in Research and Application: 2011 Edition](#) Elsevier

This series of books brings together results of an extensive research programme on aspects of the national systems of innovation (NSI) in the five BRICS countries — Brazil, Russia, India, China, and South Africa. It provides a comprehensive and comparative examination of the challenges and opportunities faced by these dynamic and emerging economies. In discussing the impact of innovation with respect to economic, geopolitical, socio-cultural, institutional, and technological systems, it reveals the possibilities of new development paradigms for equitable and sustainable growth. This volume, third in the series, looks at the relationship between small and medium enterprises (SMEs) and the National Systems of Innovation in the BRICS countries. It brings to fore crucial issues in the evolution and future trends of industrial or innovation policies for small firms: their scope, applicability, co-ordination, and main results, as well as the influence of macroeconomic, legal and regulatory environments. Taking into account the specificities and complexities of SMEs' production and innovation systems, it seeks to inform research, policy design and implementation in the field. Original and detailed data, together with expert analyses on wide-ranging issues, make this book an invaluable resource for researchers and scholars in economics, development studies and political science, in addition to policy makers and development practitioners interested in the BRICS countries.

ScholarlyEditions

These proceedings gather carefully selected, peer-reviewed contributions from the International Conference on Pure and Applied Chemistry (ICPAC 2018). The event, the latest installment in a biennial conference series, was held in July 2018 in Mauritius. The respective chapters in this unique collection reflect a wide range of fundamental and applied research in the chemical sciences and various interdisciplinary subjects. In addition to reviews, they highlight cutting-edge advances.

[Chemical Engineering; 06](#) EuroScicon

b"Application of Nanotechnology in Mining Processes Nanotechnology has revolutionized processes in many industries but its application in the mining industry has not been widely discussed. This unique book provides an overview of the successful implementation of nanotechnology in some of the key environmental and beneficiation mining processes. This book explores extensively the potential of nanotechnology to revolutionize the mining industry which has been relying for a very long on processes with limited efficiencies. The nine specialized chapters focus on applying nanoflotation to improve mineral processing, effective extraction of metals from leachates or pregnant solutions using nanoscale supramolecular hosts, and development of nano-adsorbents or nano-based strategies for the remediation or valorization of AMD. The application of nanotechnology in mining has so far received little attention from the industry and researchers and this groundbreaking book features critical issues so far under-reported in the literature: Application of nanotechnology in mineral processing for the enhancement of froth flotation Development of smart nanomaterials and application for the treatment of acid mine drainage Recovery of values from pregnant solutions using nanoadsorbents Valorization of AMD through formation of multipurpose nanoproducts. Audience Industrial interest will be from mining plant operators, environmental managers, water treatment plants managers, and operators. Researchers in nanotechnology, environmental science, mining, and metallurgy engineering will find the book valuable, as will government entities such as regulatory bodies officers and environmentalists.

[Nanohybrid Materials for Water Purification](#) Springer

The proceeding is a collection of research papers presented at the International Colloquium on Sports Science, Exercise, Engineering and Technology (ICoSSEET2014), a conference dedicated to address the challenges in the areas of sports science, exercise, sports engineering and technology including other areas of sports, thereby presenting a consolidated view to the interested researchers in the aforesaid fields. The goal of this conference was to bring together researchers and practitioners from academia and industry to focus on the scope of the conference and establishing new collaborations in these areas. The topics of interest are as follows but are not limited to:1. Sports and Exercise Science • Sports Nutrition • Sports

Biomechanics • Strength and Conditioning • Motor Learning and Control • Sports Psychology • Sports Coaching • Sports and Exercise Physiology • Sports Medicine and Athletic Trainer • Fitness and Wellness • Exercise Rehabilitation • Adapted Physical Activity / Disability Sport • Physical Education • Dance, Games and Play 2. Sports Engineering and Technology Application • Sports Equipment Mechanics • Athlete Analysis and Measurement • Instrumentation and Measurement in Sports • Fluid Dynamics in Sports • Computational Modeling in Sports 3. Sports Industry and Management • Sports Event • Sports Management • Sports Tourism • Sports Marketing • Sports Ethics and Law • Sports Sociology • Outdoor and Recreation Management • Inclusive Recreation • Leisure

[Modified Nanomaterials for Environmental Applications](#) Club Readership

Professionals in the interdisciplinary field of computer science focus on the design, operation, and maintenance of computational systems and software. Methodologies and tools of engineering are utilized alongside computer applications to develop efficient and precise information databases. Computer Systems and Software Engineering: Concepts, Methodologies, Tools, and Applications is a comprehensive reference source for the latest scholarly material on trends, techniques, and uses of various technology applications and examines the benefits and challenges of these computational developments. Highlighting a range of pertinent topics such as utility computing, computer security, and information systems applications, this multi-volume book is ideally designed for academicians, researchers, students, web designers, software developers, and practitioners interested in computer systems and software engineering.

[Innovation Africa](#) Legare Street Press

Technology affects all areas. Business and government processes are changing with the use of the internet, mobile devices, internet of things, blockchain, machine learning, artificial intelligence and many other new technologies. In this book, it is aimed to focus the use of technology, new trends in business life and government covering the studies in all sub-areas of Information Systems, Knowledge Management, eBusiness, eCommerce, eMarketing, mCommerce, eGovernment, ePublic Services, eGovernance etc. The book consists of 7 chapters. Book chapter authors are reputable scientists from different countries of the world. The first chapter is a critical review and a case study in e-Business, with special attention to the digital currencies resource and its possibilities. The second chapter attempts to incorporate the Unified Theory of Acceptance and Use of Technology (UTAUT) model with perceived risk theory (security risk and privacy risk) to explore its impact towards the intention to use m-government services. The third chapter aims to assess the level of gender inclusivity in the municipal e-procurement processes in the City of Johannesburg as a case study. The fourth chapter examines the impediments that derail the intensive uptake of eLearning programmes in a particular higher education institution. The fifth chapter investigated the role of Knowledge Management Systems (KMS) in enhancing the export performance of firms operating within the manufacturing sector in Zimbabwe. In the sixth chapter, a survey was undertaken on 131 small and medium-sized enterprises (SMEs) from Pelagonija region in order to determine the current level of SME digitalization within the region. It is aimed to compare with European Union (EU) average and to make conclusions on the impact of the SME digitalization to region gross domestic product (GDP) growth as well as revenues collection. The last chapter's purpose was to develop a measuring and modelling framework/instrument of Internet banking service quality (IBSQ) for the South African banking sector.

[Proceedings of the International Colloquium on Sports Science, Exercise, Engineering and Technology 2014 \(ICoSSEET 2014\)](#) Emerald Group Publishing

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[Research Methods: Concepts, Methodologies, Tools, and Applications](#) Issues in Biotechnology and Medical Technology Research and Application: 2011 Edition

This book constitutes the refereed proceedings of the 49th Annual Conference of the Southern African Computer Lecturers' Association on ICT Education, SACLA 2019, held in a virtual mode in South Africa, in July 2020. The 13 revised full papers presented were carefully reviewed and selected from 55 submissions. The papers focus on practical experiences in computing education, novel tools for learning and/or assessment, and research investigating aspects of computing education.

[Functionalized Nanomaterials Based Devices for Environmental Applications](#) Taylor & Francis

The design and study of materials is a pivotal component to new discoveries in the various fields of science and technology. By better understanding the components and structures of materials, researchers can increase its applications across different industries. Materials Science and Engineering: Concepts, Methodologies, Tools, and Applications is a compendium of the latest academic material on investigations, technologies, and techniques pertaining to analyzing the synthesis and design of new materials. Through its broad and extensive coverage on a variety of crucial topics, such as nanomaterials, biomaterials, and relevant computational methods, this multi-volume work is an essential reference source for engineers, academics, researchers, students, professionals, and practitioners seeking innovative perspectives in the field of materials science and engineering.

A Learner's Guide To Academic Success Efe Akademi Yayınları

This book reviews some of the latest developments in the field of water treatment using multi-functional chitosan-based materials. It covers the production of chitosan beads and membranes from chitosan powder, as well as modification techniques for enhancing the material for commercial and industrial purposes. The book summarizes the results of experimental adsorption/desorption studies for elucidating the underlying reaction mechanism of heavy-metal removal from wastewater, presenting an advanced overview of an array of characterization techniques such as Fourier-transform infrared spectroscopy, thermogravimetric analysis, x-ray diffraction, and scanning electron microscopy. Additionally, it features a look at the development and application of specialized engineering software and image analysis for modelling the kinetics of adsorption. This book is ideal for

scientists and engineers working in the broader field of environmental materials science. It is all well suited for chemists, as well as industrial and civil engineers, interested in wastewater treatment and mitigation of water pollution

[Sustainable Policy Applications for Social Ecology and Development](#) Springer Nature

Deanship in the Global South: Bridging Troubled Waters is about the lived reality of deans, their leadership role in the performance of the Faculty and its alignment to the institutional objectives. It proffers a strategic approach to successful leadership development.

TRENDS IN EBUSINESS AND EGOVERNMENT - DR. ÖMER AYDIN IGI Global

Social ecology is a philosophy rooted in deep-seated social problems, particularly in hierarchical political and social systems. Social ecologists throughout the world maintain a theory that present, ecological problems cannot be clearly understood, much less resolved, without resolutely dealing with problems within society. Therefore, social ecology locates the roots of these ecological crises firmly in the relations of domination between people. Sustainable Policy Applications for Social Ecology and Development establishes a new set of platforms for intellectual discourse and

identification of critical and strategic emerging issues, the formulation of cogent and useful policies, and practice recommendations. This publication highlights provocative, but scholarly, views that diverge from the current [conventional wisdom] taking into consideration the concepts of robust competitiveness, sustainable entrepreneurship, and democratic capitalism, central to its philosophy and objectives. The aim of this book is to highlight emerging research and practice at the dynamic intersection of these fields, where individuals, organizations, industries, regions, and nations are harnessing creativity and invention to achieve and sustain growth.

[The Use of Messaging Service Applications as an Educational Support Tool in Higher Education Institutions](#) BRILL

This book constitutes the first part of refereed proceedings of the 5th Computational Methods in Systems and Software 2021 (CoMeSySo 2021). The CoMeSySo 2021 Conference is breaking the barriers, being held online. CoMeSySo 2021 intends to provide an international forum for the discussion of the latest high-quality research results. The software engineering, computer science, and artificial intelligence are crucial topics for the research within an intelligent systems problem domain.

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- [Hello Beautiful \(oprah's Book Club\): A Novel By Ann Napolitano](#)
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