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## ENGLISH COWAN

**Service Life Prediction of Polymers and Coatings** William Andrew  
 Taking a global viewpoint, this volume addresses issues arising from recent developments in the enduring and topical debates over Genetically Modified Organisms (GMOs) and their relationship to Intellectual Property (IP). The work examines changing responses to the growing acceptance and prevalence of GMOs. Drawing together perspectives from several of the leading international scholars in this area, the contributions seek to break away from analysis of safety and regulation and examine the diversity of ways the law and GMOs have become entangled. This collection presents the start of a much broader engagement with

GMOs and law. As GMO technology becomes increasingly more complex and embedded in our lives, this volume will be a useful resource in leading further discussion and debate about GMOs in academia, in government and among those working on future policy.

### **Pyrenes—Advances in Research and Application: 2013 Edition**

ScholarlyEditions

The revised edition of the renowned and bestselling title is the most comprehensive single text on all aspects of biomaterials science from principles to applications. Biomaterials Science, fourth edition, provides a balanced, insightful approach to both the learning of the science and technology of biomaterials and acts as the key reference for practitioners who are involved in the applications of materials in medicine. This new edition incorporates key updates to reflect the latest relevant

research in the field, particularly in the applications section, which includes the latest in topics such as nanotechnology, robotic implantation, and biomaterials utilized in cancer research detection and therapy. Other additions include regenerative engineering, 3D printing, personalized medicine and organs on a chip. Translation from the lab to commercial products is emphasized with new content dedicated to medical device development, global issues related to translation, and issues of quality assurance and reimbursement. In response to customer feedback, the new edition also features consolidation of redundant material to ensure clarity and focus. Biomaterials Science, 4th edition is an important update to the best-selling text, vital to the biomaterials' community. The most comprehensive coverage of principles and applications of all classes of

biomaterials Edited and contributed by the best-known figures in the biomaterials field today; fully endorsed and supported by the Society for Biomaterials Fully revised and updated to address issues of translation, nanotechnology, additive manufacturing, organs on chip, precision medicine and much more. Online chapter exercises available for most chapters

**Biomaterials Science ScholarlyEditions Service Life Prediction of Polymers and Coatings: Enhanced Methods** focuses on the cutting-edge science behind how plastic and polymer materials are modified by the effects of weathering, offering the latest advances in service life prediction methods. The chapters have been developed by experts based on their contributions as part of the 7th Service Life Prediction Meeting. The volume begins with the premise that it is possible to produce and design life predictions, also looking at how these predictions can be used. Subsequent chapters present new developments in service life prediction, examining the most important considerations in SLP design, timescales, and other major issues. The book also considers the current state of the field in terms of both accomplishments and areas that require significant research going forward. This is a highly valuable reference for engineers, designers, technicians, scientists and R&D professionals who are looking to develop materials, components or products for outdoor applications across a range of industries. The book also supports academic researchers, scientists and advanced students with an interest in service life, the effects of weathering, material degradation, failure analysis, or sustainability across the fields of plastics engineering, polymer science and materials science. Presents novel prediction techniques for plastics and polymers exposed to outdoor weathering Provides a consensus roadmap on the scientific barriers related to a validated, predictive model for the response of polymer and plastics to outdoor exposure Enables the reader to assess and compare different methods and approaches to service life prediction

**Carbon-Carbon Ligases—Advances in Research and Application: 2013 Edition** CRC Press

Issues in Applied Agriculture / 2013 Edition is a ScholarlyEditions™ book that delivers timely, authoritative, and comprehensive information about Grape and Wine Research. The editors have built Issues in Applied Agriculture: 2013 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Grape and Wine

Research in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Applied Agriculture: 2013 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/>.

**FUSE: Foresight-driven Understanding, Strategy and Execution** ScholarlyEditions

This book discuss the meaning and implications of the social and ethical implications of the notion of social responsibility in healthcare in six major world religions — Buddhism, Christianity, Confucianism, Hinduism, Islam, & Judaism. This collection of papers is based on a four-day workshop where bioethics experts from various religious traditions gathered. They discussed the ways in which their respective traditions could, or could not, uphold the tenets of Article 14 of UNESCO's Universal Declaration of bioethics and Human Rights. The different papers presented in this book are based on this interchange of ideas at the workshop. The book explores the potential points of convergence among the various perspectives presented, as well as a discussion on the ways in which their moral differences may be managed. The managing of these moral differences through international socio-ethical mechanisms, contributes significantly to the UNESCO Universal Declaration of Bioethics and Human Rights' goal of simultaneously respecting religio-cultural pluralism while upholding a commitment to human rights.

**Geoscience for the Public Good and Global Development** ScholarlyEditions

Peptide Hydrolases—Advances in Research and Application: 2013 Edition is a ScholarlyEditions™ book that delivers timely, authoritative, and comprehensive information about Serine Proteases. The editors have built Peptide Hydrolases—Advances in Research and Application: 2013 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Serine Proteases in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The

content of Peptide Hydrolases—Advances in Research and Application: 2013 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/>.

**Antibodies—Advances in Research and Application: 2013 Edition** Routledge

**Pyrenes—Advances in Research and Application: 2013 Edition** is a ScholarlyBrief™ that delivers timely, authoritative, comprehensive, and specialized information about ZZZAdditional Research in a concise format. The editors have built Pyrenes—Advances in Research and Application: 2013 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about ZZZAdditional Research in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Pyrenes—Advances in Research and Application: 2013 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/>.

**Fabric Structures in Architecture** ScholarlyEditions

This book puts the ethics, policy and politics of stem cells into context in a way that helps readers understand why past and current issues have developed the way they have and what the implications are for their work going forward. It also addresses emerging issues as the field progresses towards clinical and industrial uses. While there is a superabundance of material on the ethics of embryo use and questions of embryonic "personhood," there is little that covers what practicing scientists and managers need to know in order to plan and execute responsible research. Furthermore, researchers funded by the NIH are required to have ethics training as a condition of the grant. As such, this book is an essential resource to

all of these pre-professional students whether they plan to move into industry, government or academia.

**Advances in Escherichia Research and Application: 2013 Edition** Marshall

Cavendish International Asia Pte Ltd

This is the second of two comprehensive volumes that provide a thorough and multi-faceted research into the emerging field of augmented reality games and consider a wide range of its major issues. These first ever research monographs on augmented reality games have been written by a team of 70 leading researchers, practitioners and artists from 20 countries. Volume II explores the most important and challenging issues that have been raised by the use of the Augmented Reality approach and technology in the gamification of education, healthcare, medicine and art. The volume deals with a systematic analysis of educational augmented reality games, their use for health promotion in old age and for improving people's well-being, the gamification of augmented reality art and immersive reading experiences, among other topics.

Augmented Reality Games II is essential reading not only for researchers, practitioners, game developers and artists, but also for students (graduates and undergraduates) and all those interested in the rapidly developing area of augmented reality games.

**Visions of Technological**

**Transcendence** ScholarlyEditions

Most existing businesses plan for a world that is straightforward and static.

Unfortunately, the world does not work that way. In an increasingly complex and uncertain world, FUSE provides a way to tackle problems whilst incorporating uncertainty into our analyses. This book: Shows how to make decisions in the present to better affect your future Explains why foresight is important even when struggling with day-to-day operations Describes how to best harvest the daily deluge of information from your internal and external environment Offers a process-driven way of thinking about strategy that places principles at its very core Highlights the importance of retaining flexibility and agility to adapt when things go wrong. Written by renowned strategist and thinker Devadas Krishnadas, FUSE is a valuable tool for any business leader, manager or strategist.

**Managing Water and Agroecosystems for Food Security** Issues in Life

Sciences—Aquatic and Marine Life: 2013 Edition

Fabric Structures in Architecture covers the varying ways textiles and their

properties are used in building construction, with particular focus given to tensile structures. The text begins with the fundamental principles of textiles, including the origins of fabric architecture, then progressing to a discussion of the modern textiles of today. It covers relevant textile materials and their properties, including coatings and membranes. In addition, a range of design considerations are discussed, with detailed information on installation and failure modes. A series of case studies from around the world accompany the discussion, illustrating the applications of textiles in architecture. Offers key coverage of the fundamental principles, from the origins of fabric architecture to modern textile Provides analysis of relevant textile materials and their properties, including coatings and membranes Contains expert insights in to the applications of textiles in architecture, presenting a series of relevant case-studies from around the world

**Cytokines—Advances in Research and Application: 2013 Edition** Elsevier

Pestivirus—Advances in Research and

Treatment: 2013 Edition is a ScholarlyBrief™ that delivers timely, authoritative, comprehensive, and specialized information about Bovine Viral Diarrhea Viruses in a concise format. The editors have built Pestivirus—Advances in Research and Treatment: 2013 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Bovine Viral Diarrhea Viruses in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Pestivirus—Advances in Research and Treatment: 2013 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/>.

**Advances in Gammaproteobacteria Research and Application: 2013 Edition** ScholarlyEditions

Antibodies—Advances in Research and Application: 2013 Edition is a ScholarlyEditions™ book that delivers timely, authoritative, and comprehensive information about Monoclonal Antibodies. The editors have built Antibodies—Advances in Research and

Application: 2013 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Monoclonal Antibodies in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Antibodies—Advances in Research and Application: 2013 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/>.

**Religious Perspectives on Social Responsibility in Health** CABI

This series gives kids from other parts of the world insight into various aspects of life in Israel today. Written and crafted by three authors currently living in Jerusalem, this series is the first of its kind to bring such insight to children. What is working life like for Israelis? What fields are most popular? How are Israelis contributing to and changing the world through their work? What are the challenges for Israelis in the current economy and how are they overcoming those challenges? Includes information about the Israeli Army and how service is required for virtually all citizens. The unique blend of immigrants and native citizens shape the economy and production of the nation.

Technological innovations are discussed; flash drives; ICQ; cell phones; Magshoe; Mobileye; "Silicon Wadi", Entrepreneurship, Medical & scientific innovations, Solar energy developments, Space satellites, and Agricultural developments. Includes personal accounts from people in various professions.

**Issues in Life Sciences—Muscle, Membrane, and General Microbiology: 2013 Edition** A&C Black

The high-level language of R is recognized as one of the most powerful and flexible statistical software environments, and is rapidly becoming the standard setting for quantitative analysis, statistics and graphics. R provides free access to unrivalled coverage and cutting-edge applications, enabling the user to apply numerous statistical methods ranging from simple regression to timeseries or multivariate analysis. Building on the success of the author's bestselling *Statistics: An Introduction using R*, *The R Book* is packed with worked



examples, providing an all inclusive guide to R, ideal for novice and more accomplished users alike. The book assumes no background in statistics or computing and introduces the advantages of the R environment, detailing its applications in a wide range of disciplines. Provides the first comprehensive reference manual for the R language, including practical guidance and full coverage of the graphics facilities. Introduces all the statistical models covered by R, beginning with simple classical tests such as chi-square and t-test. Proceeds to examine more advanced methods, from regression and analysis of variance, through to generalized linear models, generalized mixed models, time series, spatial statistics, multivariate statistics and much more. The R Book is aimed at undergraduates, postgraduates and professionals in science, engineering and medicine. It is also ideal for students and professionals in statistics, economics, geography and the social sciences.

*Intellectual Property and Genetically Modified Organisms* Parlor Press LLC  
**Issues in Life Sciences—Muscle, Membrane, and General Microbiology: 2013 Edition** is a ScholarlyEditions™ book that delivers timely, authoritative, and comprehensive information about Membrane Biology. The editors have built **Issues in Life Sciences—Muscle, Membrane, and General Microbiology: 2013 Edition** on the vast information databases of ScholarlyNews.™ You can expect the information about Membrane Biology in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of **Issues in Life Sciences—Muscle, Membrane, and General Microbiology: 2013 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/>.

*Regenerative Medicine Ethics* ScholarlyEditions

In September 2011, scientists announced new experimental findings that would not only threaten the conduct and publication of influenza research, but would have significant policy and intelligence implications. The findings presented a modified variant of the H5N1 avian influenza virus (hereafter referred to as the H5N1 virus) that was transmissible via aerosol between ferrets. These results suggested a worrisome possibility: the existence of a new airborne and highly lethal H5N1 virus that could cause a deadly global pandemic. In response, a series of international discussions on the nature of dual-use life science arose. These discussions addressed the complex social, technical, political, security, and ethical issues related to dual-use research. This Research Topic will be devoted to contributions that explore this matrix of issues from a variety of case study and international perspectives.

*INTERNATIONAL JOURNAL OF INDIAN PSYCHOLOGY* ScholarlyEditions  
**Skin Diseases: New Insights for the Healthcare Professional: 2013 Edition** is a ScholarlyBrief™ that delivers timely, authoritative, comprehensive, and specialized information about Additional Research in a concise format. The editors have built **Skin Diseases: New Insights for the Healthcare Professional: 2013 Edition** on the vast information databases of ScholarlyNews.™ You can expect the information about Additional Research in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of **Skin Diseases: New Insights for the Healthcare Professional: 2013 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/>.

**Saccharomyces—Advances in Research and Application: 2013 Edition** ScholarlyEditions

In this ethnography of Krakowian society, Siobhan Magee explores essential questions on the relationship between fur and culture in Poland. How can wearing a fur coat indicate someone's political views in Krakow, beyond their opinion on animal rights? What kinds of associations are given to someone wearing a fur coat in Poland? And what impact does generational difference have on the fur-wearing traditions of modern day Krakowians? Magee looks further into detailed analyses of conversations held relating to fur, including why fur is an apt inheritance for a grandmother to pass on to her granddaughter; what it was like trading fur on 'black markets' during socialism, and why some anti-fur activists link fur to patriarchal power and the Roman Catholic Church. In so doing, it becomes clear how fur is an evocative textile with an uncommonly rich symbolic and historical significance. "Magee's research uncovers the symbolic and historic significance that fur evokes in relation to culture in Poland. In her investigations, her ethnography becomes a means for understanding generational difference in Poland. Written with reference to extensive fieldwork, Magee goes on to show how the classification of generation can be a much more accessible indicator and measure of difference than other categories, including sexuality, class and faith. Thus, 'generation' and 'inheritance' are shown to be uniquely powerful idioms with which to discuss power and social change in Poland. A new contribution to material culture and the sensory turn, this will be of interest to scholars of anthropology, ethnography, eastern Europe and material culture and textiles.

*Material Culture and Kinship in Poland* Ashgate Publishing, Ltd.

**Issues in Life Sciences—Aquatic and Marine Life: 2013 Edition** ScholarlyEditions

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