

Harpers Illustrated Biochemistry 29th Edition Zhenbaoore

Getting the books **Harpers Illustrated Biochemistry 29th Edition Zhenbaoore** now is not type of challenging means. You could not unaccompanied going taking into consideration book hoard or library or borrowing from your friends to way in them. This is an completely easy means to specifically get lead by on-line. This online message Harpers Illustrated Biochemistry 29th Edition Zhenbaoore can be one of the options to accompany you subsequently having new time.

It will not waste your time. recognize me, the e-book will entirely circulate you other thing to read. Just invest little era to retrieve this on-line broadcast **Harpers Illustrated Biochemistry 29th Edition Zhenbaoore** as skillfully as evaluation them wherever you are now.

Victorians Undone - Kathryn Hughes
2018-02

In lively, accessible prose,
Victorians Undone fills the space

where the body ought to be, proposing new ways of thinking and writing about flesh in the nineteenth century.

The Ecology of War in China - Micah S. Muscolino 2015

This book explores the interplay between war and the environment in Henan Province, a hotly contested frontline territory that endured massive environmental destruction and human disruption during the conflict between China and Japan that raged during World War II. In a desperate attempt to block Japan's military advance, Chinese Nationalist armies under Chiang Kai-shek broke the Yellow River's dikes in Henan in June 1938, resulting in devastating floods that persisted until after the war's end. Greater catastrophe struck Henan in 1942-1943, when famine took some

two million lives and displaced millions more. Focusing on these war-induced disasters and their aftermath, this book conceptualizes the ecology of war in terms of energy flows through and between militaries, societies, and environments.

Ultimately, Micah Muscolino argues that efforts to procure and exploit nature's energy in various forms shaped the choices of generals, the fates of communities, and the trajectory of environmental change in North China.

Critical Terms for Animal Studies - Lori Gruen 2018-10-23

Animal Studies is a rapidly growing interdisciplinary field devoted to examining, understanding, and critically evaluating the complex relationships between humans and other animals. Scholarship in Animal

Studies draws on a variety of methodologies to explore these multi-faceted relationships in order to help us understand the ways in which other animals figure in our lives and we in theirs. Bringing together the work of a group of internationally distinguished scholars, the contribution in Critical Terms for Animal Studies offers distinct voices and diverse perspectives, exploring significant concepts and asking important questions. How do we take non-human animals seriously, not simply as metaphors for human endeavors, but as subjects themselves? What do we mean by anthropocentrism, captivity, empathy, sanctuary, and vulnerability, and what work do these and other critical terms do in Animal Studies? Sure to become an indispensable reference for

the field, Critical Terms for Animal Studies not only provides a framework for thinking about animals as subjects of their own experiences, but also serves as a touchstone to help us think differently about our conceptions of what it means to be human, and the impact human activities have on the more than human world.

Mesoscale Modeling in Chemical Engineering - 2016-02-16

Mesoscale Modeling in Chemical Engineering, a volume in the Advances in Chemical Engineering series provides the reader with personal views of authorities in the field. Subjects covered are not limited to the classical chemical engineering disciplines, with contributions connecting chemical engineering to related scientific fields, thus

providing new ideas for additional thought. The book balances well developed areas such as process industry, transformation of materials, energy, and environmental issues with areas where applications of chemical engineering are more recent or emerging. Contains reviews by leading authorities in the respective areas Presents Up-to-date reviews of latest techniques in modeling of catalytic processes Includes a mix of US and European authors, as well as academic/industrial/research institute perspectives Contains the critical connections between computation and experimental methods *Self-assembled Monolayers of Thiols* - Abraham Ulman 1998 This work looks at thin films and self-assembled monolayers of thiols.

It is aimed at researchers in chemistry, materials science, electrical engineering, biology and condensed matter physics.

Maoism at the Grassroots - Jeremy Brown 2015-10-13

Maoism at the Grassroots challenges state-centered views of China under Mao, providing insights into the lives of citizens across social strata, ethnicities, and regions. It reveals how ordinary people risked persecution and imprisonment in order to assert personal beliefs and identities, despite political repression and surveillance.

Hydraulic Engineering - Lique Xie 2013-03-12

Hydraulic Engineering contains 56 technical papers from the 2012 SREE Conference on Hydraulic Engineering (CHE 2012, Hong Kong, 21-22 December

2012, including the second SREE Workshop on Environment and Safety, WESE 2012). The conference served as a major forum for researchers, engineers and manufacturers to share recent advances, discuss problems, **Natural Enemy, Natural Ally** - Richard P. Tucker 2004

Contributors to this volume explore the dynamic between war and the physical environment from a variety of provocative viewpoints. The subjects of their essays range from conflicts in colonial India and South Africa to the U.S. Civil War and twentieth-century wars in Japan, Finland, and the Pacific Islands. Among the topics explored are: - the ways in which landscape can influence military strategies - why the decisive battle of the American Civil War was fought - the impact of war

and peace on timber resources - the spread of pests and disease in wartime.

Fishing Wars and Environmental Change in Late Imperial and Modern China - Micah S. Muscolino 2009

This work explores interactions between society and environment in China's most important marine fishery, the Zhoushan Archipelago off the coast of Zhejiang and Jiangsu, from its 19th-century expansion to the exhaustion of the most important fish species in the 1970s.

Catastrophe and Contention in Rural China - Ralph A. Thaxton, Jr 2008-05-05

Thaxton argues that the memory of the great famine under Mao shaped villagers' resistance to the socialist state.

Nanoparticles - American Chemical

Society. Meeting 2008

Recent advances in the synthesis, stabilization, passivation and functionalization of a wide range of metal, metal oxide, semiconductor and other inorganic, polymer, organic, carbon and biological nanoparticles are reported in this book. Diverse shapes of nanoparticles are discussed here including spheres, cubes, nanorods, nanowires, nanotubes, nanocapsules, and nanopyramids. In the section on metals, one can find description of colloidal and wet chemical approaches to synthesize nanoparticles, methods to control number of functional groups and to attain aqueous dispersibility, impact of stabilizers on SERS activity, and ways to tune plasmon resonance via nanoparticle shapes. A time dependent density functional theory to evaluate

adsorption properties of passivating ligands is also developed. The section on metal oxides describes surfactant aided formation and stabilization of iron oxide nanoparticles, the synthesis of titania nanotubes, and a hydrothermal condensation method to prepare nanowires of vanadium pentoxide. The section on semiconductor and inorganic nanoparticles includes details of the preparation of quantum dot surfactants as Langmuir Blodgett films, the synthesis of fluorinated organics silica composite nanoparticles, the kinetics of silver sulfide nanoparticle formation, the preparation of ultra bright silica nanoparticles and of nanoporous membranes from silica nanoparticle crystalline films, and a comprehensive view of microwave

synthesis methods. The section on polymeric nanoparticles describes a ligand exchange strategy to synthesize polymer functionalized ferromagnetic nanoparticles, ROMP polymerization to produce polymer overlayers on nanoparticles, colloidal approaches to polysaccharide covered nanoparticles, and self assembly approach to stable polymer nanoparticles of controlled size. The final section includes a novel method to crystallize organic nanorods as branches on semiconductor nanoparticles, the use of tobacco mosaic virus as a template to prepare composite nanofibers, the synthesis of antibody functionalized gold nanorods of various aspect ratios for SPR based biosensing, and methods to stabilize aqueous dispersions of single wall carbon nanotubes using

gamma cyclodextrins. In a fast growing field, this book offers both the beginning and advanced researchers, important details on creating nanomaterials and fruitful directions to follow

The Making of a Hinterland - Kenneth Pomeranz 1993-08-03

This wholly original reassessment of critical issues in modern Chinese history traces social, economic, and ecological change in inland North China during the late Qing dynasty and the Republic. Using many new sources, Kenneth Pomeranz argues that the development of certain regions entailed the systematic underdevelopment of other regions. He maps changes in local finance, farming, transportation, taxation, and popular protest, and analyzes the consequences for different classes,

sub-regions, and genders. Pomeranz attributes these diverse developments to several causes: the growing but incomplete integration of North China into the world economy, the state's abandonment of many hinterland areas and traditional functions, and the effect of local social structures on these processes. He shows that hinterlands were made, not merely found, and were powerfully shaped by the strategies of local groups as well as outside forces.

Making Animal Meaning - Linda Kalof
2011-12-01

An elucidating collection of ten original essays, *Making Animal Meaning* reconceptualizes methods for researching animal histories and rethinks the contingency of the human-animal relationship. The vibrant and diverse field of animal

studies is detailed in these interdisciplinary discussions, which include voices from a broad range of scholars and have an extensive chronological and geographical reach. These exciting discourses capture the most compelling theoretical underpinnings of animal significance while exploring meaning-making through the study of specific spaces, species, and human-animal relations. A deeply thoughtful collection – vital to understanding central questions of agency, kinship, and animal consumption – these essays tackle the history and philosophy of constructing animal meaning.

A Brief History of Human Culture in the 20th Century - Qi Xin 2019-08-27

This book examines the cultural concepts that guided the development of the “age of mankind”— the changes

that took place in historical, philosophical, scientific, religious, literary, and artistic thought in the 20th century. It discusses a broad range of major topics, including the spread of commercial capitalism; socialist revolutions; the two world wars; anti-colonialist national liberation movements; scientific progress; the clashes and fusion of Eastern and Western cultures; globalization; women's rights movements; mass media and entertainment; the age of information and the digital society. The combination of cultural phenomena and theoretical descriptions ensures a unity of culture, history and logic. Lastly, the book explores the enormous changes in lifestyles and the virtualized future, revealing cultural characteristics and

discussing 21st -century trends in the context of information technology, globalization and the digital era.

Proteins at Solid-Liquid Interfaces -

Philippe Déjardin 2006-09-28

This book opens with a description of fundamental aspects of protein adsorption to surfaces, a phenomenon that plays a key role in biotechnological applications, especially at solid-liquid interfaces. Presented here are methods for studying adsorption kinetics and conformational changes such as optical waveguide lightmode spectroscopy (OWLS). Also described are sensitive bench techniques for measuring the orientation and structure of proteins at solid-liquid interfaces, including total internal reflection ellipsometry (TIRE), dual

polarisation interferometry (DPI) and time of flight - secondary ion mass spectrometry (TOF-SIMS). A model study of fibronectin at polymer surfaces is included, as are studies using microporous membranes and textiles with immobilized enzymes for large-scale applications.

Biocompatibility, anti-fouling properties and surface modification to modulate the adsorption and activity of biomolecules are among the other topics addressed in this invaluable book.

Resources, Environment and Engineering - Liqun Xie 2014-08-12
Resources, Environment and Engineering contains 66 technical papers from the 2014 Technical Congress on Resources, Environment and Engineering (CREE 2014, Hong Kong, 6-7 September 2014, including

the 4th Technical Conference on Chemical Engineering, CCE 2014). The contributions review recent technological advances in the fields of resources and the French Thinking about Animals - Louisa Mackenzie 2015-04-01
Bringing together leading scholars from Belgium, Canada, France, and the United States, French Thinking about Animals makes available for the first time to an Anglophone readership a rich variety of interdisciplinary approaches to the animal question in France. While the work of French thinkers such as Jacques Derrida, Gilles Deleuze, and Felix Guattari has been available in English for many years, French Thinking about Animals opens up a much broader cross-cultural dialogue within animal studies. These original essays, many

of which have been translated especially for this volume, draw on anthropology, ethology, geography, history, legal studies, phenomenology, and philosophy to interrogate human-animal relationships. They explore the many ways in which animals signify in French history, society, and intellectual history, illustrating the exciting new perspectives being developed about the animal question in the French-speaking world today. Built on the strength and diversity of these contributions, French Thinking about Animals demonstrates the interdisciplinary and internationalism that are needed if we hope to transform the interactions of humans and nonhuman animals in contemporary society.

A World Trimmed with Fur - Jonathan

Schlesinger 2017-01-11

In the eighteenth and nineteenth centuries, booming demand for natural resources transformed China and its frontiers. Historians of China have described this process in stark terms: pristine borderlands became breadbaskets. Yet Manchu and Mongolian archives reveal a different story. Well before homesteaders arrived, wild objects from the far north became part of elite fashion, and unprecedented consumption had exhausted the region's most precious resources. In *A World Trimmed with Fur*, Jonathan Schlesinger uses these diverse archives to reveal how Qing rule witnessed not the destruction of unspoiled environments, but their invention. Qing frontiers were never pristine in the nineteenth century—pearl-ers had stripped

riverbeds of mussels, mushroom pickers had uprooted the steppe, and fur-bearing animals had disappeared from the forest. In response, the court turned to "purification;" it registered and arrested poachers, reformed territorial rule, and redefined the boundary between the pristine and the corrupted.

Schlesinger's resulting analysis provides a framework for rethinking the global invention of nature.

The Animal in Ottoman Egypt - Alan Mikhail 2014

Animals in rural Egypt became enmeshed in social relationships and made possible many tasks otherwise impossible. Rather than focus on what animals represented or symbolized, Mikhail discusses their social and economic functions, as Ottoman Egypt cannot be understood without

acknowledging animals as central shapers of the early modern world.

The Nature of the Beasts - Ian Jared Miller 2021-01-05

It is widely known that such Western institutions as the museum, the university, and the penitentiary shaped Japan's emergence as a modern nation-state. Less commonly recognized is the role played by the distinctly hybrid institution—at once museum, laboratory, and prison—of the zoological garden. In this eye-opening study of Japan's first modern zoo, Tokyo's Ueno Imperial Zoological Gardens, opened in 1882, Ian Jared Miller offers a refreshingly unconventional narrative of Japan's rapid modernization and changing relationship with the natural world. As the first zoological garden in the world not built under the sway of a

Western imperial regime, the Ueno Zoo served not only as a staple attraction in the nation's capital—an institutional marker of national accomplishment—but also as a site for the propagation of a new “natural” order that was scientifically verifiable and evolutionarily foreordained. As the Japanese empire grew, Ueno became one of the primary sites of imperialist spectacle, a microcosm of the empire that could be traveled in the course of a single day. The meaning of the zoo would change over the course of Imperial Japan's unraveling and subsequent Allied occupation. Today it remains one of Japan's most frequently visited places. But instead of empire in its classic political sense, it now bespeaks the ambivalent dominion of the human species over the natural

environment, harkening back to its imperial roots even as it asks us to question our exploitation of the planet's resources.

Cell Surface Dynamics - Alan S. Perelson 1984

The Manchurian Myth - Rana Mitter
2000-12-02

This book examines the impact of one of the most crucial events in twentieth-century international history, the Japanese occupation of Northeast China, or Manchuria, in the years 1931-1933.

Quick Cattle and Dying Wishes - Erica Fudge 2018-09-15

What was the life of a cow in early modern England like? What would it be like to milk that same cow, day-in, day-out, for over a decade? How did people feel about and toward the

animals that they worked with, tended, and often killed? With these questions, Erica Fudge begins her investigation into a lost aspect of early modern life: the importance of the day-to-day relationships between humans and the animals with whom they worked. Such animals are and always have been, Fudge reminds us, more than simply stock; they are sentient beings with whom one must negotiate. It is the nature, meaning, and value of these negotiations that this study attempts to recover. By focusing on interactions between people and their livestock, *Quick Cattle and Dying Wishes* restores animals to the central place they once had in the domestic worlds of early modern England. In addition, the book uses human relationships with animals—as revealed through agricultural

manuals, literary sources, and a unique dataset of over four thousand wills—to rethink what quick cattle meant to a predominantly rural population and how relationships with them changed as more and more people moved to the city. Offering a fuller understanding of both human and animal life in this period, Fudge innovatively expands the scope of early modern studies and how we think about the role that animals played in past cultures more broadly.

China's Destiny and Chinese Economic Theory - Kai Shew Chiang Kai Shew
2007-03

This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1917

edition. Excerpt: ... (6) Columns for Discount on Purchases and Discount on Notes on the same side of the Cash Book; (c) Columns for Discount on Sales and Cash Sales on the debit side of the Cash Book; (d) Departmental columns in the Sales Book and in the Purchase Book. Controlling Accounts.--The addition of special columns in books of original entry makes possible the keeping of Controlling Accounts. The most common examples of such accounts are Accounts Receivable account and Accounts Payable account. These summary accounts, respectively, displace individual customers' and creditors' accounts in the Ledger. The customers' accounts are then segregated in another book called the Sales Ledger or Customers' Ledger, while the creditors' accounts are

kept in the Purchase or Creditors' Ledger. The original Ledger, now much reduced in size, is called the General Ledger. The Trial Balance now refers to the accounts in the General Ledger. It is evident that the task of taking a Trial Balance is greatly simplified because so many fewer accounts are involved. A Schedule of Accounts Receivable is then prepared, consisting of the balances found in the Sales Ledger, and its total must agree with the balance of the Accounts Receivable account shown in the Trial Balance. A similar Schedule of Accounts Payable, made up of all the balances in the Purchase Ledger, is prepared, and it must agree with the balance of the Accounts Payable account of the General Ledger." The Balance Sheet.--In the more elementary part of the text, the

student learned how to prepare a Statement of Assets and Liabilities for the purpose of disclosing the net capital of an enterprise. In the present chapter he was shown how to prepare a similar statement, the Balance Sheet. For all practical...

The Great Cat and Dog Massacre -

Hilda Kean 2017-03-14

In 1939, 400,000 cats and dogs were massacred in Britain, their corpses heaped up outside veterinarians offices. Fear of the imminent German blitz led the government to urge pet owners to spare their animal companions so that they would not suffer in the bombing raids. Hilda Kean's gripping narrative of this little-known event includes tales of smuggling pets into bomb shelters, trading bits of cat food on the black market, and preemptively killing

thousands of pets at the start of the war to save the food supplies in England. Kean is able to show vividly how pets were an important part of British wartime experience. She pays close attention to animals, both symbolic and actual, arguing that after the pet massacre, human-animal bonds became stronger and closer. In the process of telling this history, Kean necessarily complicates the picture of World War II as the good war fought by a nation of good, animal-loving people. Her close use of primary materials (diaries, personal sources, contemporary newspapers, collective public reports on daily life, etc.) gives palpable reality to the animals and their fate at this time. This forgotten aspect of Britain's history makes us rethink accepted accounts of the War and

shows the ways in which animal and human histories are inextricably linked. We are also constrained to rethink our assumptions about ourselves and the animals with whom we share our homes."

Chemogenomics in Drug Discovery - Hugo Kubinyi 2006-03-06

Chemogenomics brings together the most powerful concepts in modern chemistry and biology, linking combinatorial chemistry with genomics and proteomics. This first reference devoted to the topic covers all stages of the early drug discovery process, from target selection to compound library and lead design. With the combined expertise of 20 research groups from academia and leading pharmaceutical companies, this is a must-have for every drug developer and medicinal chemist

applying the powerful methods of chemogenomics to speed up the drug discovery process.

The Cultural Lives of Whales and Dolphins - Hal Whitehead 2015

Drawing on their own research as well as scientific literature including evolutionary biology, animal behavior, ecology, anthropology, psychology and neuroscience, two cetacean biologists submerge themselves in the unique environment in which whales and dolphins live.

Village China Under Socialism and Reform - Huaiyin Li 2009-03-12

Village China Under Socialism and Reform offers a comprehensive account of rural life after the communist revolution, detailing villager involvement in political campaigns since the 1950s, agricultural production under the collective

system, family farming and non-agricultural economy in the reform, and everyday life in the family and community. Li's rich examination draws on original documents from local agricultural collectives, newly accessible government archives, and his own fieldwork in Qin village of Jiangsu province to highlight the continuities in rural transformation. Firmly disagreeing with those who claim that recent developments in rural China represent a radical break with pre-reform sociopolitical practices and patterns of production, Li instead draws a clear history connecting the current situation to ecological, social, and institutional changes that have persisted from the collective era.

Tigers, Rice, Silk, and Silt - Robert Marks 1998-02-28

Challenging the conventional wisdom conveyed by Western environmental historians about China, this book examines the correlations between economic and environmental changes in the southern Chinese provinces of Guangdong and Guangxi from 1400 to 1850, but also provides substantial background from 2CE on. Robert Marks discusses the impact of population growth on land-use patterns, the agro-ecology of the region, and deforestation; the commercialization of agriculture and its implications for ecological change; the impact of climatic change on agriculture; and the ways in which the human population responded to environmental challenges. This book is a significant contribution to both Chinese and environmental history. It is groundbreaking in its methods and

in its findings.

Horses at Work - Ann Norton GREENE

2009-06-30

Greene argues for recognition of horses' critical contribution to the history of American energy and the rise of American industrial power, and a new understanding of the reasons for their replacement as prime movers.

Filtering Media by Electrospinning -

Maria Letizia Focarete 2018-05-21

This book covers the state-of-the-art on electrospun materials for the use of filters for water remediation, ion-exchange membranes and affinity membranes for the capture of selected chemical and biochemical species, as well as filtering applications covering air treatment, defense and protective applications, and oil-water separation. The book also

provides an overview of the landscape of marketed electrospun filters and of technical approaches for the large scale production of nanofibrous non-woven filter media. This is an ideal book for biomaterials and polymer researchers interested in the applications of filtering media by electrospinning. This book also: Covers the latest research on ion-exchange membranes and affinity membranes for capture of cells and biological substances Broadens reader understanding of antimicrobial electrospun filters and sieving filters for liquid microfiltration Reviews exhaustively the key recent research into electrospun filters for oil-water separation, heavy metals removal, and defense and protective applications

The Sextants of Beijing: Global

Currents in Chinese History - Joanna Waley-Cohen 2000-04-17

A chronicle of the unexpectedly rich and varied history of China deflates myths about the country's monolithic and isolated status, revealing its long traditions of influence on and from other Asian countries and the West through trade, technology, and religion.

Single-Atom Catalysis - Mario Pagliaro 2019-05-17

Single-Atom Catalysis: A Forthcoming Revolution in Chemistry reviews the latest developments, including whether or not this technology can become a technically and economically viable choice and whether existing challenges can be overcome to encourage its uptake. Beginning with an introduction to single-atom catalysis and current developments in

the field, the book then reviews its role in potentially disruptive technologies, with a particular focus on applications in synthetic organic chemistry, solar hydrogen technologies and low platinum/platinum-free fuel cells. Other sections cover the steps needed for single-atom catalysis to become an industrially viable technology and its future outlook. Based on the extensive experience of its award-winning author, this book provides an authoritative guide on this novel approach. Explains the applications of single-atom catalysis in synthetic organic chemistry, solar hydrogen technologies and low platinum/platinum-free fuel cells Updates on recent research developments in this emerging area Anticipates technical and economic challenges in the

integration of single-atom catalysis
Concerning the Spiritual in Art -
Wassily Kandinsky 2012-04-20
Pioneering work by the great
modernist painter, considered by many
to be the father of abstract art and
a leader in the movement to free art
from traditional bonds. 12
illustrations.

Catalysis and Kinetics: Molecular
Level Considerations - Guy B. Marin
2014-01-13

Advances in Chemical Engineering was
established in 1960 and is the
definitive serial in the area. It is
one of great importance to organic
chemists, polymer chemists, and many
biological scientists. Written by
established authorities in the field,
the comprehensive reviews combine
descriptive chemistry and mechanistic
insight and yield an understanding of

how the chemistry drives the
properties. This volume covers the
topic of catalysis and kinetics and
aspects in chemical engineering.
History in Three Keys - Paul A. Cohen
1997

Content Description #Includes
bibliographical references and index.
Reliving the Past - Olivier Zunz
2014-02-01

Five historians uncover the ties
between people's daily routines and
the all-encompassing framework of
their lives. They trace the processes
of social construction in Western
Europe, the United States, Latin
America, Africa, and China,
discussing both the historical
similarities and the ways in which
individual history has shaped each
area's development. They stress the
need for a social history that

connects individuals to major ideological, political, and economic transformations.

Living by Inches - Evan A. Kutzler
2019-10-15

From battlefields, boxcars, and forgotten warehouses to notorious prison camps like Andersonville and Elmira, prisoners seemed to be everywhere during the American Civil War. Yet there is much we do not know about the soldiers and civilians whose very lives were in the hands of their enemies. *Living by Inches* is the first book to examine how imprisoned men in the Civil War perceived captivity through the basic building blocks of human experience-- their five senses. From the first whiffs of a prison warehouse to the taste of cornbread and the feeling of lice, captivity assaulted prisoners'

perceptions of their environments and themselves. Evan A. Kutzler demonstrates that the sensory experience of imprisonment produced an inner struggle for men who sought to preserve their bodies, their minds, and their sense of self as distinct from the fundamentally uncivilized and filthy environments surrounding them. From the mundane to the horrific, these men survived the daily experiences of captivity by adjusting to their circumstances, even if these transformations worried prisoners about what type of men they were becoming.

As China Goes, So Goes the World -
Karl Gerth 2010-11-09

In this revelatory examination of the most overlooked force that is changing the face of China, the Oxford historian and scholar of

modern Asia Karl Gerth shows that as the Chinese consumer goes, so goes the world. While Americans and Europeans have become increasingly worried about China's competition for manufacturing jobs and energy resources, they have overlooked an even bigger story: China's rapid development of an American-style consumer culture, which is revolutionizing the lives of hundreds of millions of Chinese and has the potential to reshape the world. This change is already well under way. China has become the world's largest consumer of everything from automobiles to beer and has begun to adopt such consumer habits as living in large single-occupancy homes, shopping in gigantic malls, and eating meat-based diets served in fast-food outlets. Even rural

Chinese, long the laggards of consumerism, have been buying refrigerators, televisions, mobile phones, and larger houses in unprecedented numbers. As China Goes, So Goes the World reveals why we should all care about the everyday choices made by ordinary Chinese. Taken together, these seemingly small changes are deeper and more profound than the headline-grabbing stories on military budgets, carbon emissions, or trade disputes.

Smart Nanoparticles for Biomedicine -
Gianni Ciofani 2018-05-12

Smart Nanoparticles for Biomedicine explores smart nanoparticles that change their structural or functional properties in response to specific external stimuli (electric or magnetic fields, electromagnetic radiation, ultrasound, etc.).

Particular attention is given to multifunctional nanostructured materials that are pharmacologically active and that can be actuated by virtue of their magnetic, dielectric, optically-active, redox-active, or piezoelectric properties. This important reference resource will be of great value to readers who want to learn more on how smart nanoparticles can be used to create more effective treatment solutions. Nanotechnology has enabled unprecedented control of the interactions between materials and biological entities, from the microscale, to the molecular level. Nanosurfaces and nanostructures have been used to mimic or interact with biological microenvironments, to

support specific biological functions, such as cell adhesion, mobility and differentiation, and in tissue healing. Recently, a new paradigm has been proposed for nanomedicine to exploit the intrinsic properties of nanomaterials as active devices rather than as passive structural units or carriers for medications. Discusses the synthesis, characterization and applications of a new generation of smart nanoparticles for nanomedicine applications Explores the problems relating to the biocompatibility of a range of nanoparticles, outlining potential solutions Describes techniques for manipulating specific classes of nanoparticles for a variety of treatment types