
Journal Of Archaeological Science Elsevier

Case Bastione: a prehistoric settlement in the Erei uplands (central Sicily)
 Persistent Challenges, Pushing Old Boundaries, and Exploring New Horizons
 Foragers in the middle Limpopo Valley: Trade, Place-making, and Social Complexity
 Artificial Intelligence in Healthcare
 Alan Turing: His Work and Impact
 A Year in the Life: Survival Strategies in the Lower Palaeolithic
 Microarchaeology
 Journal of Glass Studies
 Treatise on Geophysics
 C a Valley
 Science in the American West during the Railroad Era
 Past, Present and Future Perspectives
 Current Methods and Practice
 Proceedings of the 4th International Congress Science and Technology for the Conservation of Cultural Heritage (TechnoHeritage 2019), March 26-30, 2019, Sevilla, Spain
 Typhoid Fever and the Practices of Epidemiology in Victorian England
 Long 'on' the Tooth
 Dental Wear in Evolutionary and Biocultural Contexts
 Journal of Archaeological Science
 Osteobiographies
 Khashuri Natsargora
 The Filth Disease
 Archaeological Chemistry
 The Bioarchaeology of Metabolic Bone Disease
 Rock Art and Prehistory
 The Climate of Past Interglacials
 Prehistoric Maritime Cultures and Seafaring in East Asia
 An Introduction
 Treatise on Geochemistry: Archaeology and anthropology
 Satellite Remote Sensing in Archaeology
 Encyclopedia of Archaeology
 Late Roman Spain and Its Cities
 Bioarchaeological Studies of Past Life Ways
 Science and Digital Technology for Cultural Heritage - Interdisciplinary Approach to Diagnosis, Vulnerability, Risk Assessment and Graphic Information Models
 The Earliest Europeans
 On Land and Sea
 Instrumentation, Application, and Data Processing Methods
 The Discovery, Interpretation and Repatriation of Human Remains
 Innovation in Near-Surface Geophysics
 In the Wake of Contact
 Tell Es-Safi/Gath

Journal Of Archaeological Science Elsevier

Downloaded from blog.gmercycu.edu by guest

SAVANAH XIMENA

Case Bastione: a prehistoric settlement in the Erei uplands (central Sicily) Academic Press

"For the newcomer to the literature and logic of human behavioral ecology, this book is a flat-out bonanza—entirely accessible, self-critical, largely free of polemic, and, above all, stimulating beyond measure. It's an extraordinary contribution. Our understanding of the foraging-farming dynamic may just have changed forever."—David Hurst Thomas, American Museum of Natural History

Persistent Challenges, Pushing Old Boundaries, and Exploring New Horizons Academic Press

The scientific and technological advances that influence the protection of cultural heritage are developing at an ever-increasing pace. Systems to explore, research and analyse their materiality, to control the different scopes, or to represent and model them have reached an unprecedented dimension in recent decades. The Network of Science and Technology for the Conservation of Cultural Heritage aims to promote collaboration between the agents of these systems, in order to facilitate the sharing of experiences and to foster technology transfer, with the common goal of contributing to the conservation of Cultural Heritage. In the context of the TechnoHeritage Network, the fourth edition of the International Congress on Science and Technology for the Conservation of Cultural Heritage was held March 26-30, 2019, in Seville, Spain. This Congress was an

international meeting of researchers and specialists from multiple areas, whose line of work is the knowledge and conservation of Cultural Heritage. Among all the topics discussed, the role and impact of digital technologies for the knowledge, maintenance, management and dissemination of cultural heritage should be highlighted. Digital media modify the way of understanding this heritage, of perceiving it and transmitting it, and offer a new horizon of strategies to make decision-making more sustainable over time.

Foragers in the middle Limpopo Valley: Trade, Place-making, and Social Complexity Academic Press

This volume offers students and researchers a range of papers that deliberately question some of the traditional views associated with the role of fire. In the past, fire and the hearth usually represented a means of cooking, heat and illumination. Moreover, the evidence of fire and its functionality was relegated to the miscellaneous sections of the archaeological literature. However, it is clear from this volume that the role of fire extends beyond a mere functional one. Fire is meaningful, powerful and supernatural and was integral to the successful development of past societies.

Artificial Intelligence in Healthcare Elsevier

Foragers were present in the Limpopo Valley (South Africa) before the arrival of farmers and not only witnessed but also participated in local systems leading to the appearance of a complex society. Despite numerous studies in the valley, forager involvement in socio-political developments has been, until now, largely ignored.

Alan Turing: His Work and Impact Archaeopress Publishing Ltd

Developments in Surface Contamination and Cleaning: Applications of Cleaning Techniques, Volume Eleven, part of the Developments in Surface Contamination and Cleaning series, provides a guide to recent advances in the application of cleaning techniques for the removal of surface contamination in various industries, such as aerospace, automotive, biomedical, defense, energy, manufacturing, microelectronics, optics and xerography. The material in this new edition compiles cleaning applications into one easy reference that has been fully updated to incorporate new applications and techniques. Taken as a whole, the series forms a unique reference for professionals and academics working in the area of surface contamination and cleaning. Presents the latest reviewed technical information on precision cleaning applications as written by established experts in the field Provides a single source on the applications of innovative precision cleaning techniques for a wide variety of industries Serves as a guide to the selection of precision cleaning techniques for specific applications

[A Year in the Life: Survival Strategies in the Lower Palaeolithic](#) JHU Press

This volume is the second part of the final publication of the Early Bronze Age levels of Khashuri Nastargora. This important site of the Kura-Araxes and Early Kurgan period in the Shida Kartli region of Georgia, excavated in the 1980s by a Georgian mission, was since then left unpublished. The joint Georgian-Italian Shida Kartli Archaeological Project carried out a thorough revision of the old excavation documentation and a study of the original finds, and integrated them with new archaeometric analyses and research on the site's ancient environment. The volume presents the results of the excavations of EBA settlement, one of the few which contain levels of both the Kura-Araxes and Bedeni cultures, and can therefore shed new light on the poorly known phase of transition between these. It includes contributions about the main categories of archaeological finds and ecofacts and reports on the results of archaeometric analyses.

[Microarchaeology](#) Cambridge University Press

In this 2013 winner of the prestigious R.R. Hawkins Award from the Association of American Publishers, as well as the 2013 PROSE Awards for Mathematics and Best in Physical Sciences & Mathematics, also from the AAP, readers will find many of the most significant contributions from the four-volume set of the Collected Works of A. M. Turing. These contributions, together with commentaries from current experts in a wide spectrum of fields and backgrounds, provide insight on the significance and contemporary impact of Alan Turing's work. Offering a more modern perspective than anything currently available, Alan Turing: His Work and Impact gives wide coverage of the many ways in which Turing's scientific endeavors have impacted current research and understanding of the world. His pivotal writings on subjects including computing, artificial intelligence, cryptography, morphogenesis, and more display continued relevance and insight into today's scientific and technological landscape. This collection provides a great service to researchers, but is also an approachable entry point for readers with limited training in the science, but an urge to learn more about the details of Turing's work. 2013 winner of the prestigious R.R. Hawkins Award from the Association of American Publishers, as well as the 2013 PROSE Awards for Mathematics and Best in Physical Sciences & Mathematics, also from the AAP Named a 2013 Notable Computer Book in Computing Milieux by Computing Reviews Affordable, key collection of the most significant papers by A.M. Turing Commentary explaining the significance of each seminal paper by preeminent leaders in the field Additional resources available online

[Journal of Glass Studies](#) Elsevier

The Encyclopedia of Archaeology encompasses all aspects of archaeology, including the nature and diversity of archaeology as a scientific discipline, the practice of archaeology, archaeology in the everyday world, and the future of the discipline. Featured in the Encyclopedia of Archaeology are articles by leading authors that summarize archaeological knowledge at the beginning the 21st century, highlighting important sites and issues, and tracing the development of prehistoric cultures around the globe.

[Treatise on Geophysics](#) Elsevier

Innovation in Near-Surface Geophysics: Instrumentation, Application, and Data Processing Methods offers an advanced look at state-of-the-art and innovative technologies for near surface geophysics, exposing the latest, most effective techniques in an accessible way. By addressing a variety of geophysical applications, including cultural heritage, civil engineering, characteristics of soil, and others, the book provides an understanding of the best products and methodologies modern near surface geophysics has to offer. It proposes tips for new ideas and projects, and encourages collaboration across disciplines and techniques for the best implementation and results. Clearly organized, with contributions from leaders from throughout geophysics, Innovation in Near-Surface Geophysics is an important guide for geophysicists who hope to gain a better understanding of the tools and techniques available. Addresses a variety of applications in near-surface geophysics, including cultural heritage, civil engineering, soil analysis, etc. Provides insight to available products and techniques and offers suggestions for future developments Clearly organized by techniques and their applications

[Côa Valley](#) Academic Press

During the vast stretches of early geologic time, the islands of the Caribbean archipelago separated from continental land masses, rose and sank many times, merged with and broke from other land masses, and then by the mid-Cenozoic period settled into the current pattern known today. By the time Native Americans arrived, the islands had developed complex, stable ecosystems. The actions these first colonists took on the landscape—timber clearing, cultivation, animal hunting and domestication, fishing and exploitation of reef species—affected fragile land and sea biotic communities in both beneficial and harmful ways. On Land and Sea examines the condition of biosystems on Caribbean islands at the time of colonization, human interactions with those systems through time, and the current state of biological resources in the West Indies. Drawing on a massive data set collected from long-term archaeological research, the study reconstructs past lifeways on these small tropical islands. The work presents a wide range of information, including types of fuel and construction timber used by inhabitants, cooking techniques for various shellfish, availability and use of medicinal and ritual plants, the effects on native plants and animals of cultivation and domestication, and diet and nutrition of native populations. The islands of the Caribbean basin continue to be actively excavated and studied in the quest to understand the earliest human inhabitants of the New World. This comprehensive work will ground current and future studies and will be valuable to archaeologists, anthropologists, botanists, ecologists, Caribbeanists, Latin American historians, and anyone studying similar island environments.

[Science in the American West during the Railroad Era](#) Elsevier

In the Wake of Contact Biological Responses to Conquest Clark Spencer Larsen and George R. Milner, Editors The Columbian Quincentennial has sparked a new wave of research into the effects of European expansionism on the indigenous peoples of the Americas and Pacific Islands. This volume offers an authoritative overview of recent bioanthropological investigations of the demographic and epidemiologic consequences of the European influx, encompassing such areas as disease transmission, dietary changes, and cultural impact. Each chapter in the book focuses on either a specific geographic region or ethnic population. Assembling data from archaeological and skeletal evidence, the text provides a detailed account of the complex changes experienced by a population over time. The book considers not only the direct effect of the arriving Europeans, but also examines how precontact developments within a society dynamically affected the way it responded to conquest. This volume explores such topics as: Late prehistoric and early historic diet in gulf coast Florida Trade, contact, and female health in northeast Nebraska Historic epidemics of the American Pueblos The decline of the Chumash Indian population Biological effects of European contact on Easter Island An osteological assessment of health and disease in precontact and historic Hawaii In the Wake of Contact: Biological Responses to Conquest is a text of major importance to the scientific study of the results of New World/Old World contact. This work provides a compelling new look at the age of conquest that will prove both fascinating and insightful for anthropologists, archaeologists, and population biologists.

[Past, Present and Future Perspectives](#) Cambridge University Press

Osteobiographies: The Discovery, Interpretation and Repatriation of Human Remains contextualizes repatriation, or the transfer of authority for human skeletal remains from the perspective of bioarchaeologists and evolutionary biologists. It approaches repatriation from a global perspective, touching upon the most well-known Native American Graves Protection and Repatriation Act (NAGPRA) legislation of the United States, while also covering Canada and African countries. The book focuses on the stories behind human skeletons, analyzing their biological factors to determine evolution patterns. Sections present an overview of anatomy, genomics, and stable isotopes from dietary and environmental factors, and how to identify these in skeletal remains. The book then goes on to discuss European-origin, North American, and African paleopathology, ancient DNA links, and cultural issues and implications around repatriation. It concludes with case studies to show how information from archaeologically derived skeletons is vital to understanding human evolution and provide respectful histories behind the remains. Offers novel research and perspectives on the importance of skeletal remains on a global scale Identifies and distinguishes how genomics, biological factors and burial methods can be used to track human evolution through bones Addresses cultural differences over the human remains movement and repatriation, specifically between Europe and Africa

[Current Methods and Practice](#) Univ of California Press

[Osteobiographies](#)The Discovery, Interpretation and Repatriation of Human Remains Academic Press

[Proceedings of the 4th International Congress Science and Technology for the Conservation of Cultural Heritage \(TechnoHeritage 2019\), March 26-30, 2019, Sevilla, Spain](#) Newnes

Long 'on' the Tooth: Dental Evidence of Diet addresses human dental macroscopic and microscopic wear, as well as dental disease, as indicators of diet. The book focuses primarily on 350 pre-contact humans from North America dating from approximately 5,500 to 600 years ago. These populations had subsistence strategies ranging from terrestrial foraging to intensive maize agriculture. The study makes intra- and intergroup comparisons to elucidate dietary nuances that are largely beyond the reach of other means of dietary reconstruction. Finally, the book discusses the importance of using multiple dietary indicators in unison in order to provide paleodietary insights. Includes state-of-the-art dental microwear texture data Focuses on populations largely overlooked in archaeological and dental anthropology volumes Offers the first dental anthropology book to integrate dental pathology and dental microwear texture analysis

[Typhoid Fever and the Practices of Epidemiology in Victorian England](#) Academic Press

The use of chemistry in archaeology can help archaeologists answer questions about the nature and origin of the many organic and inorganic finds recovered through excavation, providing valuable information about the social history of humankind. This textbook tackles the fundamental issues in chemical studies of archaeological materials. Examining the most widely used analytical techniques in archaeology, the third edition of this comprehensive textbook features a new chapter on proteomics, capturing significant developments in protein recognition for dating and characterisation. The textbook has been updated to encompass the latest developments in the field. The textbook explores several archaeological investigations in which chemistry has been employed in tracing the origins of or in studying artefacts, and includes chapters on obsidian, ceramics, glass, metals and resins. It is an essential companion to students in archaeological science and chemistry, as well as to archaeologists, and those involved in conserving human artefacts.

[Long 'on' the Tooth](#) Elsevier

This is the first book-length study of the Yayoi and Kofun periods of Japan (c.600 BC–AD 700), in which the introduction of rice paddy-field farming from the Korean peninsula ignited the rapid development of social complexity and hierarchy that culminated with the formation of the ancient Japanese state. The author traces the historical trajectory of the Yayoi and Kofun periods by employing cutting-edge sociological, anthropological and archaeological theories and methods. The book reveals a fascinating process through which sophisticated hunting-gathering communities in an archipelago on the eastern fringe of the Eurasian continent were transformed materially and symbolically into a state.

[Dental Wear in Evolutionary and Biocultural Contexts](#) Wiley-Liss

Siberia's Lake Baikal region is an archaeologically unique and emerging area of hunter-gatherer research, offering insights into the complexity, variability, and dynamics of long-term culture change. The exceptional quality of archaeological materials recovered there facilitates interdisciplinary studies whose relevance extends far beyond the region. The Baikal Archaeology Project—one of the most comprehensive studies ever conducted in the history of subarctic archaeology—is conducted by an international multidisciplinary team studying Middle Holocene (about 9,000 to 3,000 years B.P.) hunter-gatherers of the region. Funded by the Social Sciences and Humanities Research Council of Canada, the project includes scholars in archaeology, physical anthropology, ethnography, molecular biology, geophysics, geochemistry, and paleoenvironmental studies. This book presents the current team's research findings on questions about long-term patterns of hunter-gatherer adaptive strategies. Grounded in interdisciplinary

approaches to primary research questions of cultural change and continuity over 6,000 years, the project utilizes advanced research methods and integrates diverse lines of evidence in making fundamental and lasting contributions to hunter-gatherer archaeology. Content of this book's DVD-ROM may be found online at this location: <http://core.tdar.org/project/376587>.

Journal of Archaeological Science University of Alabama Press

Treatise on Geophysics, Second Edition, is a comprehensive and in-depth study of the physics of the Earth beyond what any geophysics text has provided previously. Thoroughly revised and updated, it provides fundamental and state-of-the-art discussion of all aspects of geophysics. A highlight of the second edition is a new volume on Near Surface Geophysics that discusses the role of geophysics in the exploitation and conservation of natural resources and the assessment of degradation of natural systems by pollution. Additional features include new material in the Planets and Moon, Mantle Dynamics, Core Dynamics, Crustal and Lithosphere Dynamics, Evolution of the Earth, and Geodesy volumes. New material is also presented on the uses of Earth gravity measurements. This title is essential for professionals, researchers, professors, and advanced undergraduate and graduate students in the fields of Geophysics and Earth system science. Comprehensive and detailed coverage of all aspects of geophysics
Fundamental and state-of-the-art discussions of all research topics Integration of topics into a coherent whole

Related with Journal Of Archaeological Science Elsevier:

- Membrane Function Pofil Answer Key : [click here](#)

Osteobiographies Cambridge University Press

Artificial Intelligence (AI) in Healthcare is more than a comprehensive introduction to artificial intelligence as a tool in the generation and analysis of healthcare data. The book is split into two sections where the first section describes the current healthcare challenges and the rise of AI in this arena. The ten following chapters are written by specialists in each area, covering the whole healthcare ecosystem. First, the AI applications in drug design and drug development are presented followed by its applications in the field of cancer diagnostics, treatment and medical imaging. Subsequently, the application of AI in medical devices and surgery are covered as well as remote patient monitoring. Finally, the book dives into the topics of security, privacy, information sharing, health insurances and legal aspects of AI in healthcare. Highlights different data techniques in healthcare data analysis, including machine learning and data mining Illustrates different applications and challenges across the design, implementation and management of intelligent systems and healthcare data networks Includes applications and case studies across all areas of AI in healthcare data

Khashuri Natsargora Elsevier

Shows how the investigation of local outbreaks of typhoid fever in Victorian Britain led to the emergence of the modern discipline of epidemiology as the leading science of public health