

1. Record Nr.	UNINA9910463322703321
Autore	Matisoo-Smith Lisa
Titolo	DNA for archaeologists / / Elizabeth Matisoo-Smith and K. Ann Horsburgh
Pubbl/distr/stampa	London ; ; New York : , : Routledge, , 2016
ISBN	1-315-43032-0 1-315-43033-9 1-59874-682-0
Descrizione fisica	1 online resource (235 p.)
Altri autori (Persone)	HorsburghK. Ann <1975->
Disciplina	930.1
Soggetti	Archaeological chemistry Archaeology - Methodology Biomolecular archaeology Human molecular genetics Human remains (Archaeology) - Analysis Mitochondrial DNA Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"First published 2012 by Left Coast Press, Inc."--T.p. verso.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; List of Illustrations; Acknowledgements; 1. Why Read This Book?; 2. DNA: The Basics; 3. Ancient DNA; 4. Ethics of Molecular Anthropological Research; 5. Hominin Origins and Relationships; 6. Population Origins and Dispersals; 7. Human Impacts-Extinction, Domestication, and Utilization of Plants and Animals; 8. Individualization and Other Applications of Ancient DNA; 9. Conclusions; Notes; Glossary; References; Index; About the Authors
Sommario/riassunto	The ability to use DNA evidence is revolutionizing our understanding of the past. This book introduces archaeologists to the basics of DNA research so they can understand the powers and pitfalls of using DNA data in archaeological analysis and interpretation. By concentrating on the principles and applications of DNA specific to archaeology, the authors allow archaeologists to collect DNA samples properly and interpret the laboratory results with greater confidence. The volume is

replete with case examples of DNA work in a variety of archaeological contexts and is an ideal teaching tool f

2. Record Nr.	UNINA9910373898003321
Autore	Afonso Jose
Titolo	Asymmetry as a Foundational and Functional Requirement in Human Movement : From Daily Activities to Sports Performance / / by José Afonso, Cristiana Bessa, Filipe Pinto, Diogo Ribeiro, Beatriz Moura, Tiago Rocha, Marcus Vinícius, Rui Canário-Lemos, Rafael Peixoto, Filipe Manuel Clemente
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2020
ISBN	981-15-2549-8
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (V, 35 p. 5 illus.)
Collana	SpringerBriefs in Applied Sciences and Technology, , 2191-5318
Disciplina	610.28
Soggetti	Biomedical engineering Biomechanics Biotechnology Biomedical Engineering and Bioengineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Foundations of asymmetry -- Structural and functional asymmetries in humans -- Asymmetries in daily activities -- Asymmetries in athletic performance -- Injury prevention: From symmetry, to asymmetry, to critical thresholds -- Concluding remarks.
Sommario/riassunto	This book describes the structural and functional asymmetries in human body movement by providing cases and examples using illustrations and easy-to-understand scenarios. Specifically, it adopts an evidence-based approach to demonstrate (i) the role of structural (e. g., bone dimensions) and functional (e.g., hemispheric dominance) asymmetries in the human body; (ii) the asymmetric nature of most daily activities (e.g., gait, mastication); (iii) the benefits of asymmetry for physical performance; and (iv) the role of asymmetry in preventing injury. More than just a scientific book, it bridges the gap between

theory and practice, and includes practical examples and applications. The book appeals to academics and practitioners in the fields of kinesiology, human movement, sports sciences, strength and conditioning, and physiotherapy.

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