1. Record Nr. UNINA9910465377003321

Titolo	Anthropological perspectives on tooth morphology : genetics, evolution, variation / / edited by G. Richard Scott, University of Nevada, Reno, Joel D. Irish, Liverpool John Moores University [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2013
ISBN	1-107-23474-3 1-139-61020-1 1-139-61578-5 1-139-62508-X 0-511-98446-4 1-139-61206-9 1-139-60863-0 1-299-25763-1
Descrizione fisica	1 online resource (xiii, 559 pages) : digital, PDF file(s)
Collana	Cambridge studies in biological and evolutionary anthropology ; ; 66
Disciplina	599.9/43
Soggetti	Dental anthropology Human population genetics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 02 Mar 2016).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Bite marks in tule quids : the life and times of a dental anthropologist / Christy G. Turner II -- Twin and family studies of human dental crown morphology : genetic, epigenetic, and environmental determinants of the modern human dentition / Toby E. Hughes and Grant C. Townsend -- Teeth, morphogenesis, and levels of variation in the human Carabelli trait / Debbie Guatelli-Steinberg [and others] -- The expression of human sex chromosome genes in oral and craniofacial growth / Lassi Alvesalo -- Significant among-population associations found between dental characters and environmental factors / Yuji Mizoguchi -- Using geometric morphometrics to study the mechanisms that pattern primate dental variation / Oliver T. Rizk and others] -- Evolution of hominin postcanine macromorphology : a comparative meta-analysis / Kes Schroer and Bernard Wood -- Dental morphology of European

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Sommario/riassunto

Researchers have long had an interest in dental morphology as a genetic proxy to reconstruct population history. Much interest was fostered by the use of standard plaques and associated descriptions that comprise the Arizona State University Dental Anthropology System, developed by Christy G. Turner, II and students. This system has served as the foundation for hundreds of anthropological studies for over 30 years. In recognition of that success, this volume brings together some of the world's leading dental morphologists to expand upon the concepts and methods presented in the popular The Anthropology of Modern Human Teeth (Cambridge, 1997), leading the reader from method to applied research. After a preparatory section on the current knowledge of heritability and gene expression, a series of case studies demonstrate the utility of dental morphological study in both fossil and more recent populations (and individuals), from local to global scales.