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Descrizione fisica	1 online resource (xiii, 177 pages) : illustrations (some color)
Collana	Gale eBooks
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction to Teeth -- Clinical Evaluation and Laboratory Wear Testing Methods -- Friction and Wear Behaviour of Human Teeth -- Effect of Oral Environment on Tribological Behaviour of Human Teeth -- Microtribology of Human Teeth -- Tribological behavior of Dental Restorative Materials -- Fretting Failure of Dental Implant-Bone Interface -- Enlightenment from Wear of Human Teeth.
Sommario/riassunto	Dental Biotribology summarizes the latest achievements in dental wear and is designed to help the reader better understand the relationship between structures and tribological properties of human teeth. This book provides guidance on the biomimic design of anti-wear engineering systems based on human teeth and also explains mechanisms of occlusal wear and erosion as well as fretting wear related to dental implants and orthodontics. Additionally, this book provides valuable insights into the development of improved dental materials and oral treatments. This book also: Explains the relationship between structures and tribological properties of human teeth Provides guidance on the biomimic design of anti-wear engineering systems based on human teeth Explains mechanisms of occlusal wear and erosion as well as fretting wear related to dental implants and orthodontics Provides valuable insights into the development of improved dental materials and oral treatments Dental Biotribology is an ideal book for researchers interested in tribology and oral rehabilitation.

