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Altri autori (Persone)	DavimJ. Paulo
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Biotribology of total hip replacement : the metal-on-metal articulation -- Experimental wear studies of total joint replacements -- Influence of temperature on creep and deformation in UHMWPE under tribological loading in artificial joints -- Large capacity wear testing -- Biotribology of titanium alloys.
Sommario/riassunto	Tribology is the "science and technology of interacting surfaces in relative motion" and encompasses the study of friction, wear and lubrication. By extension biotribology is usually defined as the tribological phenomena occurring in either the human body or in animals. Therefore, it is possible to consider tribological processes that may occur after implantation of an artificial device in the human body and the tribological processes naturally occurring in or on the tissues and organ of animals. Animals, including humans, possess a wide variety of sliding and frictional interfaces. The