1. Record Nr. UNICAMPANIAVAN0017918

Titolo	Aspetti epistemologici dello spazio e del tempo / a cura di Giovanni Boniolo ; presentazione di Dario Antiseri
Pubbl/distr/stampa	Roma, : Borla, [1987]
ISBN	88-263-0577-3
Descrizione fisica	225 p. ; 20 cm.
Disciplina	530.1
Soggetti	Fisica - Teorie Spazio-tempo
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910583454903321

Autore	Buschmann Johanna, Ph. D.
Titolo	Biomechanics of tendons and ligaments : tissue reconstruction and regeneration / / Johanna Buschmann and Gabriella Meier Burgisser
Pubbl/distr/stampa	Duxford, United Kingdom : , : Woodhead Publishing, , 2017
ISBN	0-08-100492-3
Descrizione fisica	1 online resource
Disciplina	612.7/57 612.75
Soggetti	Connective tissues Tendons - Mechanical properties Ligaments - Mechanical properties Biomechanics Biomedical materials Tendon Injuries - surgery Ligaments - injuries Ligaments - surgery Regeneration - physiology Plastic Surgery Procedures Biomechanical Phenomena

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part 1. Fundamentals and biomechanics of tendons and ligaments -- 1. Structure and function of tendon and ligament tissues -- 2. Biomechanical properties of tendons and ligaments in humans and animals -- 3. Mechanobiology of tendons and ligaments -- 4. Experimental methods for measuring tendon and ligament biomechanics -- 5. Imaging of tendons and ligaments in animal models -- Part 2. Repair and regeneration of tendons and ligaments -- 6. Autograft, allograft, and xenograft scaffolds for tendon and ligament repair: materials and biomechanics -- 7. Collagen for tendon and ligament repair: preparartions and biomechanics -- 8. Synthetic polymer scaffolds for tendon and ligament repair: materials and biomechanics -- 9. Cell therapies for tendons and ligament repair -- 10. In vitro-in vivo biomechanical performance of tissue-engineered constructs for tendon and ligament repair -- 11. Role of cellular response in the healing process of tendons and ligaments -- 12. Evolving treatments and emerging strategies for tendon and ligament reconstruction.
Sommario/riassunto	Biomechanics of Tendons and Ligaments: Tissue Reconstruction looks at the structure and function of tendons and ligaments. Biological and synthetic biomaterials for their reconstruction and regeneration are reviewed, and their biomechanical performance is discussed. Regeneration tendons and ligaments are soft connective tissues which are essential for the biomechanical function of the skeletal system. These tissues are often prone to injuries which can range from repetition and overuse, to tears and ruptures. Understanding the biomechanical properties of ligaments and tendons is essential for their repair and regeneration.- Contains systematic coverage on how both healthy and injured tendons and ligaments work- Includes coverage of repair and regeneration strategies for tendons and ligaments- Presents an Interdisciplinary analysis on the topic