

1. Record Nr.	UNINA9910777314903321
Titolo	Biomechanical systems technology . Volume 4 General anatomy [[electronic resource] /] / editor, Cornelius T. Leondes
Pubbl/distr/stampa	Hackensack, N.J., : World Scientific, c2007
ISBN	1-281-91176-3 9786611911768 981-277-139-5
Descrizione fisica	viii, 334 p. : ill
Altri autori (Persone)	LeondesCornelius T
Disciplina	612.76
Soggetti	Biomechanics Biomechanics - Methodology Computational biology - Methodology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	ch. 1. Acoustical signals of biomechanical systems / E. Kaniusas -- ch. 2. Modeling techniques for liver tissue properties and their application in surgical treatment of liver cancer / J.-M. Schwartz ... [et al.] -- ch. 3. A survey of biomechanical modeling of the brain for intra-surgical displacement estimation and medical simulation / M. A. Audette ... [et al.] -- ch. 4. Techniques and applications of robust nonrigid brain registration / O. Clatz ... [et al.] -- ch. 5. Optical imaging in cerebral hemodynamics and pathophysiology: techniques and applications / Q. Luo ... [et al.] -- ch. 6. The auditory brainstem implant / H. Takahashi, M. Nakao and K. Kaga -- ch. 7. Spectral analysis techniques in the detection of coronary artery stenosis / E. D. Ubeyli and I. Guler -- ch. 8. Techniques in the contour detection of kidneys and their applications / M. Martin-Fernandez ... [et al.]
Sommario/riassunto	"Because of rapid developments in computer technology and computational techniques, advances in a wide spectrum of technologies, coupled with cross-disciplinary pursuits between technology and its application to human body processes, the field of biomechanics continues to evolve. Many areas of significant progress include dynamics of musculoskeletal systems, mechanics of hard and

soft tissues, mechanics of bone remodeling, mechanics of blood and air flow, flow-prosthesis interfaces, mechanics of impact, dynamics of man-machine interaction, and more. Thus, the great breadth and significance of the field in the international scene require a well integrated set of volumes to provide a complete coverage of the exciting subject of biomechanical systems technology. World-renowned contributors tackle the latest technologies in an in-depth and readable manner."

2. Record Nr.	UNINA9910798338003321
Autore	Larson Abigail
Titolo	Fuel for sport : the basics // Abigail Larson
Pubbl/distr/stampa	New York, NY : , : Momentum Press, , [2016] ©2016
ISBN	1-60650-932-2
Edizione	[First edition.]
Descrizione fisica	1 online resource (xii, 92 pages) : illustrations
Collana	Health, wellness, and exercise science collection
Disciplina	613.2024796
Soggetti	Athletes - Nutrition
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references (page [87]) and index.
Nota di contenuto	1. Energy content of food and label reading -- 2. Carbohydrates -- 3. Protein and amino acids -- 4. Fats -- 5. Micronutrients and phytonutrients -- 6. Fluids and hydration -- Bibliography -- Index.
Sommario/riassunto	This is a nutrition text designed to help readers understand and apply basic sports nutrition information. It emphasizes the unique needs and challenges of meeting those needs in adolescent athletes. The text is intended for coaches, athletic trainers, physical therapists, health and PE teachers, and others who interact with young athletes but is likely to appeal to athletes as well. Readers can expect to learn and understand theories related to nutrition and human performance, such as energy content of food and how this energy is transferred to the body and used for movement or stored for future use; the important roles of each of the macronutrients and micronutrients; and how fluids before, during, and after exercise facilitate optimal performance and recovery.

In addition to important information related to exercise physiology and nutrient metabolism, readers are presented with real-world applications of these principles. The author often relates theories and principles to dietary recommendations and athletic scenarios. Understanding of each topic is also enhanced through liberal use of summaries, lists, and tables. Fuel for Sport presents up-to-date, sport-specific dietary and fluid recommendations and adopts a foods-first approach to meeting macro- and micronutrient needs; also included are examples of convenient sources of the discussed nutrients as well as dietary strategies and ideas to implement recommendations.

3. Record Nr.	UNINA9910574875603321
Autore	Álvarez Ramírez Alba Aydee
Titolo	Estres y dislipidemias
Pubbl/distr/stampa	Colombia, : Universidad Santiago de Cali, 2021
Descrizione fisica	1 online resource (73-89 p.)
Soggetti	Pharmacology
Lingua di pubblicazione	Spagnolo
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	El estres es una reaccion normal ante una situacion de amenaza, real o percibida, que sobrepasa los propios recursos para darle solucion. El estres en episodios leves puede ser positivo ya que ayuda al aprendizaje ante nuevas situaciones, pero cuando este es continuo, puede afectar la salud fisica y mental (1).