

1. Record Nr.	UNINA9910702602303321
Titolo	Just the facts! Vary your vegetables for healthier school meals
Pubbl/distr/stampa	[Washington, D.C.] : , : U.S. Department of Agriculture, Food and Nutrition Service, , [2012]
Descrizione fisica	1 online resource (2 pages) : color illustrations
Soggetti	Cooking (Vegetables) - United States Nutrition policy - United States School children - Food - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed February 26, 2015). "Team Nutrition USDA." "August 2012." "FNS 449-D."
Nota di bibliografia	Includes bibliographical references.

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## Titolo

Computational and Experimental Biomedical Sciences: Methods and Applications : ICCEBS 2013 -- International Conference on Computational and Experimental Biomedical Sciences / / edited by João Manuel R. S. Tavares, R.M. Natal Jorge

## Pubbl/distr/stampa

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3-319-15799-X

## Edizione

[1st ed. 2015.]

## Descrizione fisica

1 online resource

## Collana

Lecture Notes in Computational Vision and Biomechanics, , 2212-9413 ; ; 21

## Disciplina

610.5

## Soggetti

Biomedical engineering  
Computer graphics  
Medicine - Research  
Biology - Research  
Biomedical Engineering and Bioengineering  
Computer Graphics  
Biomedical Research

## Lingua di pubblicazione

Inglese

## Formato

Materiale a stampa

## Livello bibliografico

Monografia

## Nota di bibliografia

Includes bibliographical references.

## Nota di contenuto

Preface -- Structural shear stress evaluation of triple periodic minimal surfaces, by H.A. Almeida, P.J. Bárto -- On the numerical microstructural modeling of vascular tissues, by Estefania Peña -- What exists in the scientific literature about biomechanical models in pelvic floor? – A systematic review, by Renato Andrade, Rui Viana, Sara Viana, Thuane da Roza, Teresa Mascarenhas, Renato Natal Jorge -- The impairment of female pelvic ligaments and its relation to pelvic floor dysfunction: biomechanical analysis, by Sofia Brandão, Marco Parente, Ana Rita Silva, Thuane Da Roza, Teresa Mascarenhas, Isabel Ramos, Renato Natal Jorge -- Pelvic floor muscles behavior in practitioners of high and low impact sports, by Thuane Da Roza, Sofia Brandão, Teresa Mascarenhas, José Alberto Duarte, Renato Natal Jorge -- Effects of a pelvic floor muscle training in nulliparous athletes with urinary

incontinence: biomechanical models protocol, by M Sousa, R Viana, S Viana, T Da Roza, R Azevedo, M Araújo, C Festas, T Mascarenhas, R Natal Jorge -- Biomechanical study of the cervical spine, by Tatiana Teixeira, Luísa Costa Sousa, Renato Natal Jorge, Marco Parente, João Maia Gonçalves, Rolando Freitas -- Injury simulation of anterior cruciate ligament using isogeometric analysis, by J.P.S. Ferreira, M.P.L. Parente, R.M. Natal Jorge -- Influence of flexing load position on the loading of cruciate ligaments at the knee – A graphics-based analysis, by A. Imran -- Modelling and simulation in orthopedic biomechanics – applications and limitations, by A. Imran -- One-dimensional modelling of the coronary circulation. Application to noninvasive quantification of fractional flow reserve (FFR), by Etienne Boileau, Perumal Nithiarasu -- Prediction of carotid hemodynamic descriptors based on ultrasound data and a neural network model, by Catarina F. Castro, Carlos Conceição António, Luísa Costa Sousa -- Computer image registration techniques applied to nuclear medicine image, by RaquelS. Alves, João Manuel R.S. Tavares -- Segmentation and 3D Reconstruction of Animal Tissues in Histological Images, by Liliana Azevedo, Augusto M. R. Faustino, João Manuel R. S. Tavares -- Ischemic region segmentation in rat heart photos using DRLSE algorithm, by Regina C. Coelho, Salety F. Baracho, Vinícius V. de Melo, Carlos Marcelo G. de Godoy -- Pectoral and breast segmentation technique based on texture information, by Khamsa Djaroudib, Pascal Lorenz, Abdelmalik Taleb Ahmed, Abdelmadjid Zidani -- Statistical and physical micro-feature-based segmentation of cortical bone images using artificial intelligence, by Ilige S. Hage, Ramsey F. Hamade -- Human motion segmentation using active shape models, by Maria João M. Vasconcelos, João Manuel R. S. Tavares -- 3D Vocal tract reconstruction using magnetic resonance imaging data to study fricative consonant production, by Sandra R. Ventura, Diamantino R. Freitas, Isabel M. Ramos, João Manuel R. S. Tavares.

#### Sommario/riassunto

This book contains the full papers presented at ICCEBS 2013 – the 1st International Conference on Computational and Experimental Biomedical Sciences, which was organized in Azores, in October 2013. The included papers present and discuss new trends in those fields, using several methods and techniques, including active shape models, constitutive models, isogeometric elements, genetic algorithms, level sets, material models, neural networks, optimization, and the finite element method, in order to address more efficiently different and timely applications involving biofluids, computer simulation, computational biomechanics, image based diagnosis, image processing and analysis, image segmentation, image registration, scaffolds, simulation, and surgical planning. The main audience for this book consists of researchers, Ph.D students, and graduate students with multidisciplinary interests related to the areas of artificial intelligence, bioengineering, biology, biomechanics, computational fluid dynamics, computational mechanics, computational vision, histology, human motion, imagiology, applied mathematics, medical image, medicine, orthopaedics, rehabilitation, speech production, and tissue engineering. .