Mao Li

List of Publications by Year
in descending order

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15 papers	305 citations	1684188 5 h-index	1588992 8 g-index
15 all docs	15 docs citations	15 times ranked	377 citing authors

#	Article	IF	Citations
1	A Cubic 3-Axis Magnetic Sensor Array for Wirelessly Tracking Magnet Position and Orientation. IEEE Sensors Journal, 2010, 10, 903-913.	4.7	183
2	Two-magnet-based 6D-localization and orientation for wireless capsule endoscope. , 2009, , .		21
3	A new calibration method for magnetic sensor array for tracking capsule endoscope. , 2009, , .		19
4	Patient-specific biomechanical model as whole-body CT image registration tool. Medical Image Analysis, 2015, 22, 22-34.	11.6	18
5	Biomechanical model for computing deformations for wholeâ€body image registration: A meshless approach. International Journal for Numerical Methods in Biomedical Engineering, 2016, 32, e02771.	2.1	18
6	Real time algorithm for magnet's localization in capsule endoscope. , 2009, , .		15
7	Discrete element and finite element methods provide similar estimations for hip joint contact mechanics during walking gait. Journal of Biomechanics, 2021, 115, 110163.	2.1	8
8	Simulation study of pO2distribution in induced tumour masses and normal tissues within a microcirculation environment. Computer Methods in Biomechanics and Biomedical Engineering, 2014, 17, 334-343.	1.6	6
9	Patient-Specific Meshless Model for Whole-Body Image Registration. Lecture Notes in Computer Science, 2014, , 50-57.	1.3	5
10	Fast geometric distortion correction using a deep neural network: Implementation for the 1 Tesla MRIâ€Linac system. Medical Physics, 2020, 47, 4303-4315.	3.0	4
11	ReUINet: A fast GNL distortion correction approach on a 1.0ÂT MRIâ€Linac scanner. Medical Physics, 2021, 48, 2991-3002.	3.0	3
12	Design of a data acquisition system on magnetic signal for magnetic localization and orientation system. , 2010, , .		2
13	Fuzzy Tissue Classification for Non-Linear Patient-Specific Biomechanical Models for Whole-Body Image Registration. , 2016, , 85-96.		2
14	Whole-Body Image Registration Using Patient-Specific Nonlinear Finite Element Model. , 2014, , 113-122.		1
15	Tumor-induced effects on PO2 distribution in a normal tissue. , 2012, , .		0