

Helena Daniela Ribeiro Torres

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

165
citations

1684188

5
h-index

1588992

8
g-index

16
all docs

16
docs citations

16
times ranked

165
citing authors

#	ARTICLE	IF	CITATIONS
1	Kidney segmentation in ultrasound, magnetic resonance and computed tomography images: A systematic review. <i>Computer Methods and Programs in Biomedicine</i> , 2018, 157, 49-67.	4.7	67
2	A novel multi-atlas strategy with dense deformation field reconstruction for abdominal and thoracic multi-organ segmentation from computed tomography. <i>Medical Image Analysis</i> , 2018, 45, 108-120.	11.6	30
3	A review of image processing methods for fetal head and brain analysis in ultrasound images. <i>Computer Methods and Programs in Biomedicine</i> , 2022, 215, 106629.	4.7	25
4	Kidney Segmentation in 3-D Ultrasound Images Using a Fast Phase-Based Approach. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2021, 68, 1521-1531.	3.0	9
5	Deep learning-based detection of anthropometric landmarks in 3D infants head models. , 2019, , .		7
6	Anthropometric Landmark Detection in 3D Head Surfaces Using a Deep Learning Approach. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 2643-2654.	6.3	6
7	Real-Time Human Body Pose Estimation for In-Car Depth Images. <i>IFIP Advances in Information and Communication Technology</i> , 2019, , 169-182.	0.7	4
8	Automatic strategy for extraction of anthropometric measurements for the diagnostic and evaluation of deformational plagiocephaly from infant's head models. , 2019, , .		4
9	Kidney segmentation in 3D CT images using B-Spline Explicit Active Surfaces. , 2016, , .		3
10	Segmentation of kidney and renal collecting system on 3D computed tomography images. , 2018, , .		3
11	Synthetic infant head shapes with deformational plagiocephaly: concept and 3D model parameterization. , 2019, , .		2
12	Study of the compression behavior of functionally graded lattice for customized cranial remodeling orthosis. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 130, 105191.	3.1	2
13	Anthropometric Landmarking for Diagnosis of Cranial Deformities: Validation of an Automatic Approach and Comparison with Intra- and Interobserver Variability. <i>Annals of Biomedical Engineering</i> , 2022, 50, 1022-1037.	2.5	2
14	Fetal head circumference delineation using convolutional neural networks with registration-based ellipse fitting. , 2022, , .		1
15	Structural mechanical simulation to optimize the sensor arm geometry to be implemented on cranial remodeling orthosis. <i>AIP Conference Proceedings</i> , 2022, , .	0.4	0
16	Realistic 3D infant head surfaces augmentation to improve AI-based diagnosis of cranial deformities. <i>Journal of Biomedical Informatics</i> , 2022, 132, 104121.	4.3	0