

Antonella Belfatto

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

123
citations

1307594

7
h-index

1281871

11
g-index

15
all docs

15
docs citations

15
times ranked

185
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-dimensional and doppler echocardiographic evaluation in twenty-one healthy Python regius. <i>Veterinary Medicine and Science</i> , 2021, 7, 1006-1014.	1.6	4
2	A multi-metric registration strategy for the alignment of longitudinal brain images in pediatric oncology. <i>Medical and Biological Engineering and Computing</i> , 2020, 58, 843-855.	2.8	3
3	Predicting Knee Joint Instability Using a Tibio-Femoral Statistical Shape Model. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 253.	4.1	11
4	Representative 3D shape of the distal femur, modes of variation and relationship with abnormality of the trochlear region. <i>Journal of Biomechanics</i> , 2019, 94, 67-74.	2.1	11
5	Pair-wise vs group-wise registration in statistical shape model construction: representation of physiological and pathological variability of bony surface morphology. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2019, 22, 772-787.	1.6	5
6	A Multiparameter Approach to Evaluate Post-Stroke Patients: An Application on Robotic Rehabilitation. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 2248.	2.5	24
7	Model-Supported Radiotherapy Personalization: In silico Test of Hyper- and Hypo-Fractionation Effects. <i>Frontiers in Physiology</i> , 2018, 9, 1445.	2.8	3
8	Stacked sparse autoencoder networks and statistical shape models for automatic staging of distal femur trochlear dysplasia. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2018, 14, e1947.	2.3	13
9	Comparison between model-predicted tumor oxygenation dynamics and vascular-flow-related Doppler indices. <i>Medical Physics</i> , 2017, 44, 2011-2019.	3.0	2
10	Tumor radio-sensitivity assessment by means of volume data and magnetic resonance indices measured on prostate tumor bearing rats. <i>Medical Physics</i> , 2016, 43, 1275-1284.	3.0	7
11	Modeling the Interplay Between Tumor Volume Regression and Oxygenation in Uterine Cervical Cancer During Radiotherapy Treatment. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2016, 20, 596-605.	6.3	7
12	Adaptive Mathematical Model of Tumor Response to Radiotherapy Based on CBCT Data. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2016, 20, 802-809.	6.3	7
13	Kinetic Models for Predicting Cervical Cancer Response to Radiation Therapy on Individual Basis Using Tumor Regression Measured <i>In Vivo</i> With Volumetric Imaging. <i>Technology in Cancer Research and Treatment</i> , 2016, 15, 146-158.	1.9	20
14	Mathematical modeling of tumor response to radiation: radio-sensitivity correlation with BOLD, TOLD, ρ_1 and ρ_2^* investigated in large Dunning R3327-AT1 rat prostate tumors. , 2015, 2015, 3266-9.		5
15	Modeling cervix cancer growth and response to radiation therapy: A validation study using patient volumetric tumor data. , 2014, , .		1