

Nicola Maffei

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

136
citations

1478505

6
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1372567

10
g-index

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all docs

13
docs citations

13
times ranked

248
citing authors

#	ARTICLE	IF	CITATIONS
1	Basic of machine learning and deep learning in imaging for medical physicists. <i>Physica Medica</i> , 2021, 83, 194-205.	0.7	34
2	A support vector machine tool for adaptive tomotherapy treatments: Prediction of head and neck patients criticalities. <i>Physica Medica</i> , 2015, 31, 442-451.	0.7	30
3	Hierarchical clustering applied to automatic atlas based segmentation of 25 cardiac sub-structures. <i>Physica Medica</i> , 2020, 69, 70-80.	0.7	19
4	Expert system classifier for adaptive radiation therapy in prostate cancer. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2017, 40, 337-348.	1.3	12
5	Computed Tomography to Cone Beam Computed Tomography Deformable Image Registration for Contour Propagation Using Head and Neck, Patient-Based Computational Phantoms: A Multicenter Study. <i>Practical Radiation Oncology</i> , 2020, 10, 125-132.	2.1	11
6	Radiomics classifier to quantify automatic segmentation quality of cardiac sub-structures for radiotherapy treatment planning. <i>Physica Medica</i> , 2021, 83, 278-286.	0.7	10
7	Radiosurgery Using Tomotherapy for Patients with Brain Oligo-metastasis: A Retrospective Analysis on Feasibility and Tolerance. <i>Anticancer Research</i> , 2015, 35, 6805-12.	1.1	6
8	SIS epidemiological model for adaptive RT: Forecasting the parotid glands shrinkage during tomotherapy treatment. <i>Medical Physics</i> , 2016, 43, 4294-4303.	3.0	5
9	Evaluation of the effectiveness of novel single-intervention adaptive radiotherapy strategies based on daily dose accumulation. <i>Medical Dosimetry</i> , 2019, 44, 379-384.	0.9	5
10	REAL-TIME LUNG TUMOUR MOTION MODELING FOR ADAPTIVE RADIATION THERAPY USING LEGO MINDSTORMS. <i>Journal of Mechanics in Medicine and Biology</i> , 2015, 15, 1540019.	0.7	4
11	P2.02-058 Moderately Hypofractionated Radiotherapy in Locally Advanced Non-Small Cell Lung Cancer: A Single Institution Retrospective Analysis. <i>Journal of Thoracic Oncology</i> , 2017, 12, S883.	1.1	0
12	EP-1709: Can atlas-based automatic segmentation contour H&N OARs like a physician?. <i>Radiotherapy and Oncology</i> , 2017, 123, S936-S937.	0.6	0
13	EP-1584: Deformable image registration and dose accumulation for arc-Total Body Irradiation. <i>Radiotherapy and Oncology</i> , 2017, 123, S853-S854.	0.6	0