

Marta Lazzeroni

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

146
citations

1684188

5
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

288
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of the Probability of Tumour Control for Prescribed Doses Based on Imaging of Oxygen Partial Pressure. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1269, 185-190.	1.6	4
2	Evolution of the hypoxic compartment on sequential oxygen partial pressure maps during radiochemotherapy in advanced head and neck cancer. <i>Physics and Imaging in Radiation Oncology</i> , 2021, 17, 100-105.	2.9	6
3	Impact of Tumour Cell Infiltration on Treatment Outcome in Gamma Knife Radiosurgery: A Modelling Study. <i>Anticancer Research</i> , 2019, 39, 1675-1687.	1.1	3
4	Early survival prediction in non-small cell lung cancer from PET/CT images using an intra-tumor partitioning method. <i>Physica Medica</i> , 2019, 60, 58-65.	0.7	40
5	Evaluation of third treatment week as temporal window for assessing responsiveness on repeated FDG-PET-CT scans in Non-Small Cell Lung Cancer patients. <i>Physica Medica</i> , 2018, 46, 45-51.	0.7	8
6	Early tumor response prediction for lung cancer patients using novel longitudinal pattern features from sequential PET/CT image scans. <i>Physica Medica</i> , 2018, 54, 21-29.	0.7	38
7	Mathematical Description of Changes in Tumour Oxygenation from Repeated Functional Imaging. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1072, 195-200.	1.6	0
8	Production of pure quasi-monochromatic ^{11}C beams for accurate radiation therapy and dose delivery verification. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 359, 120-130.	1.4	4
9	Evaluating Tumor Response of Non-Small Cell Lung Cancer Patients With ^{18}F -Fludeoxyglucose Positron Emission Tomography: Potential for Treatment Individualization. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 91, 376-384.	0.8	27
10	Effective source size, radial, angular and energy spread of therapeutic ^{11}C positron emitter beams produced by ^{12}C fragmentation. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2014, 320, 26-36.	1.4	3
11	Evaluation of nuclear reaction cross-sections and fragment yields in carbon beams using the SHIELD-HIT Monte Carlo code. Comparison with experiments. <i>Physics in Medicine and Biology</i> , 2012, 57, 4369-4385.	3.0	13