

MarÃ-a Araceli Gago-Arias

List of Publications by Year in descending order

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14
papers

130
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1478280

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197
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#	ARTICLE	IF	CITATIONS
1	Quantification of internal dosimetry in PET patients II: Individualized Monte Carlo-based dosimetry for [18F]fluorocholine PET. <i>Medical Physics</i> , 2021, 48, 5448-5458.	1.6	3
2	Evaluation of indirect damage and damage saturation effects in dose-response curves of hypofractionated radiotherapy of early-stage NSCLC and brain metastases. <i>Radiotherapy and Oncology</i> , 2021, 161, 1-8.	0.3	4
3	Development of a Compartmental Pharmacokinetic Model for Molecular Radiotherapy with 131I-CLR1404. <i>Pharmaceutics</i> , 2021, 13, 1497.	2.0	0
4	A Mathematical Model of Thyroid Disease Response to Radiotherapy. <i>Mathematics</i> , 2021, 9, 2365.	1.1	0
5	Quantification of internal dosimetry in PET patients: individualized Monte Carlo vs generic phantom-based calculations. <i>Medical Physics</i> , 2020, 47, 4574-4588.	1.6	8
6	A kinetic model of continuous radiation damage to populations of cells: comparison to the LQ model and application to molecular radiotherapy. <i>Physics in Medicine and Biology</i> , 2020, 65, 245015.	1.6	6
7	Simulation of hypoxia PET-tracer uptake in tumours: Dependence of clinical uptake-values on transport parameters and arterial input function. <i>Physica Medica</i> , 2020, 70, 109-117.	0.4	2
8	A Model of Indirect Cell Death Caused by Tumor Vascular Damage after High-Dose Radiotherapy. <i>Cancer Research</i> , 2019, 79, 6044-6053.	0.4	10
9	A Volumetric Delta TCP Tool to Quantify Treatment Outcome Effectiveness Based on Biological Parameters and Different Dose Distributions. <i>IFMBE Proceedings</i> , 2019, , 677-681.	0.2	0
10	Impact of different biologically-adapted radiotherapy strategies on tumor control evaluated with a tumor response model. <i>PLoS ONE</i> , 2018, 13, e0196310.	1.1	7
11	Structural and functional identification of vasculogenic mimicry in vitro. <i>Scientific Reports</i> , 2017, 7, 6985.	1.6	42
12	Modelling radiation-induced cell death and tumour re-oxygenation: local versus global and instant versus delayed cell death. <i>Physics in Medicine and Biology</i> , 2016, 61, 1204-1216.	1.6	9
13	Correction factors for ionization chamber dosimetry in CyberKnife: Machine-specific, plan-class, and clinical fields. <i>Medical Physics</i> , 2013, 40, 011721.	1.6	12
14	Correction factors for A1SL ionization chamber dosimetry in TomoTherapy: Machine-specific, plan-class, and clinical fields. <i>Medical Physics</i> , 2012, 39, 1964-1970.	1.6	25