David Broggio

List of Publications by Year
in descending order

28	462	759190 12	713444 21
papers	citations	h-index	g-index

29	29	29	596
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Is mean heart dose a relevant surrogate parameter of left ventricle and coronary arteries exposure during breast cancer radiotherapy: a dosimetric evaluation based on individually-determined radiation dose (BACCARAT study). Radiation Oncology, 2019, 14, 29.	2.7	98
2	Early detection and prediction of cardiotoxicity after radiation therapy for breast cancer: the BACCARAT prospective cohort study. Radiation Oncology, 2016, 11, 54.	2.7	62
3	Coronary stenosis risk analysis following Hodgkin lymphoma radiotherapy: A study based on patient specific artery segments dose calculation. Radiotherapy and Oncology, 2015, 117, 467-472.	0.6	51
4	Early detection of subclinical left ventricular dysfunction after breast cancer radiation therapy using speckle-tracking echocardiography: association between cardiac exposure and longitudinal strain reduction (BACCARAT study). Radiation Oncology, 2019, 14, 204.	2.7	27
5	Development and test of sets of 3D printed age-specific thyroid phantoms for¹³¹I measurements. Physics in Medicine and Biology, 2017, 62, 4673-4693.	3.0	24
6	Examples of Mesh and NURBS modelling for in vivo lung counting studies. Radiation Protection Dosimetry, 2011, 144, 344-348.	0.8	20
7	Study of the Influence of Radionuclide Biokinetics on the Efficiency of In Vivo Counting Using Monte Carlo Simulation. Health Physics, 2009, 96, 558-567.	0.5	19
8	EURADOS intercomparison exercise on MC modeling for the in-vivo monitoring of Am-241 in skull phantoms (Part I). Radiation Physics and Chemistry, 2014, 104, 332-338.	2.8	19
9	Dependence of Coronary 3-Dimensional Dose Maps on Coronary Topologies and Beam Set in Breast Radiation Therapy: A Study Based on CT Angiographies. International Journal of Radiation Oncology Biology Physics, 2014, 89, 182-190.	0.8	19
10	CREATION AND USE OF ADJUSTABLE 3D PHANTOMS: APPLICATION FOR THE LUNG MONITORING OF FEMALE WORKERS. Health Physics, 2010, 99, 649-661.	0.5	17
11	GPS-coupled contaminant monitors on free-ranging Chernobyl wolves challenge a fundamental assumption in exposure assessments. Environment International, 2019, 133, 105152.	10.0	17
12	EURADOS intercomparison exercise on MC modelling for the in-vivo monitoring of AM-241 in skull phantoms (Part II and III).. Radiation Physics and Chemistry, 2015, 113, 59-71.	2.8	13
13	Myocardial deformation after radiotherapy: a layer-specific and territorial longitudinal strain analysis in a cohort of left-sided breast cancer patients (BACCARAT study). Radiation Oncology, 2020, 15, 201.	2.7	13
14	Potential of Hybrid Computational Phantoms for Retrospective Heart Dosimetry After Breast Radiation Therapy: A Feasibility Study. International Journal of Radiation Oncology Biology Physics, 2013, 85, 492-499.	0.8	11
15	Association Between Cardiac Radiation Exposure and the Risk of Arrhythmia in Breast Cancer Patients Treated With Radiotherapy: A Caseâ€“Control Study. Frontiers in Oncology, 0, 12, .	2.8	10
16	COMPARISON OF TWO LEG PHANTOMS CONTAINING 241AM IN BONE. Health Physics, 2011, 101, 248-258.	0.5	9
17	Polyvinyltoluene scintillators for relative ion dosimetry: An investigation with Helium, Carbon and Neon beams. Nuclear Instruments & Methods in Physics Research B, 2007, 254, 3-9.	1.4	7
18	Assessing 131I in thyroid by non-spectroscopic instruments - A European intercomparison exercise. Radiation Measurements, 2019, 128, 106115.	1.4	6

#	Article	IF	Citations
19	A systematic experimental study of parameters influencing 131-iodinein vivospectroscopic measurements using age-specific thyroid phantoms. Journal of Radiological Protection, 2018, 38, 651-665.	1.1	5
20	EQUIVOX: AN EXAMPLE OF ADAPTATION USING AN ARTIFICIAL NEURAL NETWORK ON A CASE-BASED REASONING PLATFORM. Biomedical Engineering - Applications, Basis and Communications, 2013, 25, 1350027.	0.6	3
21	A robust methodology for assessing thyroid absorbed doses based on individual monitoring data after a severe nuclear accident. Radiation Measurements, 2019, 129, 106183.	1.4	3
22	Technical recommendations for thyroid dose rate measurements made by members of the public. Radiation Measurements, 2019, 128, 106096.	1.4	2
23	A survey on emergency thyroid monitoring strategies and capacities in Europe and comparison with international recommendations. Radiation Measurements, 2019, 128, 106086.	1.4	2
24	Adapting Numerical Representations of Lung Contours Using Case-Based Reasoning and Artificial Neural Networks. Lecture Notes in Computer Science, 2012, , 137-151.	1.3	2
25	Development of a dosimetric model for in vitro labelled cells with Î² + emitters in PET tracking studies. Physics in Medicine and Biology, 2019, 64, 155015.	3.0	1
26	Co-exposure to internal and external radiation alters cesium biokinetics and retention in mice. Journal of Radiological Protection, 2020, 40, 504-519.	1.1	1
27	The Nuclear Medicine Patient as a Line Source: The Source Length Is Certainly Not the Patient Height, But It Is a Reasonable Approximation. Health Physics, 0, Publish Ahead of Print, .	0.5	1
28	REPLY TO SPITZ ET AL.. Health Physics, 2012, 102, 354-355.	0.5	0