

Marco Esposito

List of Publications by Year in descending order

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753
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#	ARTICLE	IF	CITATIONS
1	Dosimetric Characterization of Small Radiotherapy Electron Beams Collimated by Circular Applicators with the New Microsilicon Detector. Applied Sciences (Switzerland), 2022, 12, 600.	1.3	0
2	Clinical implementation of 3D in vivo dosimetry for abdominal and pelvic stereotactic treatments. Radiotherapy and Oncology, 2021, 154, 14-20.	0.3	16
3	Ficoll as testing material for diffusion weighted imaging-quality assurance phantoms. Magnetic Resonance Imaging, 2021, 76, 1-7.	1.0	1
4	Improving dose delivery accuracy with EPID in vivo dosimetry: results from a multicenter study. Strahlentherapie Und Onkologie, 2021, 197, 633-643.	1.0	13
5	Application of the RATING score: In regards to Hansen et al. Radiotherapy and Oncology, 2021, 158, 309-310.	0.3	1
6	On the dependence of quantitative diffusion-weighted imaging on scanner system characteristics and acquisition parameters: A large multicenter and multiparametric phantom study with unsupervised clustering analysis. Physica Medica, 2021, 85, 98-106.	0.4	14
7	The influence of basic plan parameters on calculated small field output factors – A multicenter study. Physica Medica, 2021, 88, 98-103.	0.4	2
8	A Validation Method for EPID In Vivo Dosimetry Algorithms. Applied Sciences (Switzerland), 2021, 11, 10715.	1.3	4
9	Dosimetric Multicenter Planning Comparison Studies for Stereotactic Body Radiation Therapy: Methodology and Future Perspectives. International Journal of Radiation Oncology Biology Physics, 2020, 106, 403-412.	0.4	21
10	Estimating dose delivery accuracy in stereotactic body radiation therapy: A review of in-vivo measurement methods. Radiotherapy and Oncology, 2020, 149, 158-167.	0.3	34
11	Clarifications on our review on estimating dose delivery accuracy in stereotactic body radiation therapy: A review of in-vivo measurement methods: In response to the letter of Kos. Radiotherapy and Oncology, 2020, 153, 320-321.	0.3	0
12	Plan quality improvement by DVH sharing and planner's experience: Results of a SBRT multicentric planning study on prostate. Physica Medica, 2019, 62, 73-82.	0.4	25
13	Does deep inspiration breath hold reduce plan complexity? Multicentric experience of left breast cancer radiotherapy with volumetric modulated arc therapy. Physica Medica, 2019, 59, 79-85.	0.4	15
14	SBRT planning for spinal metastasis: indications from a large multicentric study. Strahlentherapie Und Onkologie, 2019, 195, 226-235.	1.0	25
15	A multi-center output factor intercomparison to uncover systematic inaccuracies in small field dosimetry. Physics and Imaging in Radiation Oncology, 2018, 5, 93-96.	1.2	10
16	How the detector resolution affects the clinical significance of SBRT pre-treatment quality assurance results. Physica Medica, 2018, 49, 129-134.	0.4	30
17	21 Phase encoding direction and position effects on ADC in diffusion MRI: An AFIM multisite comparison study. Physica Medica, 2018, 56, 73-74.	0.4	0
18	20. Diffusion MRI and ADC accuracy at the isocenter: An AIFM multisite comparison study. Physica Medica, 2018, 56, 72-73.	0.4	0

#	ARTICLE	IF	CITATIONS
19	A Review on the Role of Water Diffusion Modeling in Magnetic Resonance Imaging of Prostate Cancer. , 2018, , .		0
20	Fractal-Radiomics as Complexity Analysis of CT and MRI Cancer Images. , 2018, , .		5
21	A straightforward multiparametric quality control protocol for proton magnetic resonance spectroscopy: Validation and comparison of various 1.5T and 3T clinical scanner systems. Physica Medica, 2018, 54, 49-55.	0.4	5
22	Characterization of EPID software for VMAT transit dosimetry. Australasian Physical and Engineering Sciences in Medicine, 2018, 41, 1021-1027.	1.4	14
23	Dependence of apparent diffusion coefficient measurement on diffusion gradient direction and spatial position – A quality assurance intercomparison study of forty-four scanners for quantitative diffusion-weighted imaging. Physica Medica, 2018, 55, 135-141.	0.4	30
24	EP-1983: Robust DIBH 3D conformal irradiation technique of left sided whole breast + supraclavicular region. Radiotherapy and Oncology, 2018, 127, S1079.	0.3	0
25	Frontiers in planning optimization for lung SBRT. Physica Medica, 2017, 44, 163-170.	0.4	25
26	EP-1459: Relative Signal Ratios using an unshielded silicon detector: data from 30 centers. Radiotherapy and Oncology, 2017, 123, S779.	0.3	1
27	Time for crowd knowledge-based approach in SBRT planning. Strahlentherapie Und Onkologie, 2017, 193, 1066-1067.	1.0	5
28	Quality assurance multicenter comparison of different MR scanners for quantitative diffusion-weighted imaging. Journal of Magnetic Resonance Imaging, 2016, 43, 213-219.	1.9	67
29	A national multi-institutional study to assess dosimetric consistency in treatment planning of prostate stereotactic body radiation therapy (SBRT). Physica Medica, 2016, 32, 69.	0.4	0
30	Lung stereotactic ablative body radiotherapy: A large scale multi-institutional planning comparison for interpreting results of multi-institutional studies. Physica Medica, 2016, 32, 600-606.	0.4	54
31	EP-1773: Dosimetric benefits and reproducibility of DIBH technique guided by an optical system. Radiotherapy and Oncology, 2016, 119, S831.	0.3	2
32	EP-1948: Multicentre comparison for small field dosimetry using the new silicon diode RAZOR. Radiotherapy and Oncology, 2016, 119, S924-S925.	0.3	1
33	Small field output factors evaluation with a microDiamond detector over 30 Italian centers. Physica Medica, 2016, 32, 1644-1650.	0.4	25
34	Multicentre treatment planning inter-comparison in a national context: The liver stereotactic ablative radiotherapy case. Physica Medica, 2016, 32, 277-283.	0.4	53
35	A feasibility dosimetric study on prostate cancer. Strahlentherapie Und Onkologie, 2015, 191, 573-581.	1.0	33
36	Role of the Technical Aspects of Hypofractionated Radiation Therapy Treatment of Prostate Cancer: A Review. International Journal of Radiation Oncology Biology Physics, 2015, 91, 182-195.	0.4	34