

# Marco Esposito

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

565  
citations

623574

14  
h-index

642610

23  
g-index

36  
all docs

36  
docs citations

36  
times ranked

753  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quality assurance multicenter comparison of different MR scanners for quantitative diffusion-weighted imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 213-219.	1.9	67
2	Lung stereotactic ablative body radiotherapy: A large scale multi-institutional planning comparison for interpreting results of multi-institutional studies. <i>Physica Medica</i> , 2016, 32, 600-606.	0.4	54
3	Multicentre treatment planning inter-comparison in a national context: The liver stereotactic ablative radiotherapy case. <i>Physica Medica</i> , 2016, 32, 277-283.	0.4	53
4	Role of the Technical Aspects of Hypofractionated Radiation Therapy Treatment of Prostate Cancer: A Review. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 91, 182-195.	0.4	34
5	Estimating dose delivery accuracy in stereotactic body radiation therapy: A review of in-vivo measurement methods. <i>Radiotherapy and Oncology</i> , 2020, 149, 158-167.	0.3	34
6	A feasibility dosimetric study on prostate cancer. <i>Strahlentherapie Und Onkologie</i> , 2015, 191, 573-581.	1.0	33
7	How the detector resolution affects the clinical significance of SBRT pre-treatment quality assurance results. <i>Physica Medica</i> , 2018, 49, 129-134.	0.4	30
8	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. <i>Physica Medica</i> , 2018, 55, 135-141.	0.4	30
9	Small field output factors evaluation with a microDiamond detector over 30 Italian centers. <i>Physica Medica</i> , 2016, 32, 1644-1650.	0.4	25
10	Frontiers in planning optimization for lung SBRT. <i>Physica Medica</i> , 2017, 44, 163-170.	0.4	25
11	Plan quality improvement by DVH sharing and planner's experience: Results of a SBRT multicentric planning study on prostate. <i>Physica Medica</i> , 2019, 62, 73-82.	0.4	25
12	SBRT planning for spinal metastasis: indications from a large multicentric study. <i>Strahlentherapie Und Onkologie</i> , 2019, 195, 226-235.	1.0	25
13	Dosimetric Multicenter Planning Comparison Studies for Stereotactic Body Radiation Therapy: Methodology and Future Perspectives. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 106, 403-412.	0.4	21
14	Clinical implementation of 3D in vivo dosimetry for abdominal and pelvic stereotactic treatments. <i>Radiotherapy and Oncology</i> , 2021, 154, 14-20.	0.3	16
15	Does deep inspiration breath hold reduce plan complexity? Multicentric experience of left breast cancer radiotherapy with volumetric modulated arc therapy. <i>Physica Medica</i> , 2019, 59, 79-85.	0.4	15
16	Characterization of EPID software for VMAT transit dosimetry. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2018, 41, 1021-1027.	1.4	14
17	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. <i>Physica Medica</i> , 2021, 85, 98-106.	0.4	14
18	Improving dose delivery accuracy with EPID in vivo dosimetry: results from a multicenter study. <i>Strahlentherapie Und Onkologie</i> , 2021, 197, 633-643.	1.0	13

#	ARTICLE	IF	CITATIONS
19	A multi-center output factor intercomparison to uncover systematic inaccuracies in small field dosimetry. <i>Physics and Imaging in Radiation Oncology</i> , 2018, 5, 93-96.	1.2	10
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. <i>Physica Medica</i> , 2018, 54, 49-55.	0.4	5
22	Time for crowd knowledge-based approach in SBRT planning. <i>Strahlentherapie Und Onkologie</i> , 2017, 193, 1066-1067.	1.0	5
23	A Validation Method for EPID In Vivo Dosimetry Algorithms. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10715.	1.3	4
24	EP-1773: Dosimetric benefits and reproducibility of DIBH technique guided by an optical system. <i>Radiotherapy and Oncology</i> , 2016, 119, S831.	0.3	2
25	The influence of basic plan parameters on calculated small field output factors – A multicenter study. <i>Physica Medica</i> , 2021, 88, 98-103.	0.4	2
26	EP-1948: Multicentre comparison for small field dosimetry using the new silicon diode RAZOR. <i>Radiotherapy and Oncology</i> , 2016, 119, S924-S925.	0.3	1
27	EP-1459: Relative Signal Ratios using an unshielded silicon detector: data from 30 centers. <i>Radiotherapy and Oncology</i> , 2017, 123, S779.	0.3	1
28	Ficoll as testing material for diffusion weighted imaging-quality assurance phantoms. <i>Magnetic Resonance Imaging</i> , 2021, 76, 1-7.	1.0	1
29	Application of the RATING score: In regards to Hansen et al. <i>Radiotherapy and Oncology</i> , 2021, 158, 309-310.	0.3	1
30	A national multi-institutional study to assess dosimetric consistency in treatment planning of prostate stereotactic body radiation therapy (SBRT). <i>Physica Medica</i> , 2016, 32, 69.	0.4	0
31	21 Phase encoding direction and position effects on ADC in diffusion MRI: An AFIM multisite comparison study. <i>Physica Medica</i> , 2018, 56, 73-74.	0.4	0
32	20. Diffusion MRI and ADC accuracy at the isocenter: An AIFM multisite comparison study. <i>Physica Medica</i> , 2018, 56, 72-73.	0.4	0
33	A Review on the Role of Water Diffusion Modeling in Magnetic Resonance Imaging of Prostate Cancer. , 2018, , .		0
34	EP-1983: Robust DIBH 3D conformal irradiation technique of left sided whole breast + supraclavicular region. <i>Radiotherapy and Oncology</i> , 2018, 127, S1079.	0.3	0
35	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. <i>Radiotherapy and Oncology</i> , 2020, 153, 320-321.	0.3	0
36	Dosimetric Characterization of Small Radiotherapy Electron Beams Collimated by Circular Applicators with the New Microsilicon Detector. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 600.	1.3	0