

Steven F Petit

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

500
citations

758635

12
h-index

676716

22
g-index

23
all docs

23
docs citations

23
times ranked

699
citing authors

#	ARTICLE	IF	CITATIONS
1	Establishing a benchmark of diversity, equity, inclusion and workforce engagement in radiation oncology in Europe – An ESTRO collaborative project. <i>Radiotherapy and Oncology</i> , 2022, 171, 198-204.	0.3	4
2	An optimal acquisition and post-processing pipeline for hybrid IVIM-DKI in head and neck. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 777-789.	1.9	7
3	Deep-Learning-based Segmentation of Organs-at-Risk in the Head for MR-assisted Radiation Therapy Planning. , 2021, , .		2
4	Alexithymia and professional quality of life in radiation oncology: The moderator effect of the professional profile. <i>Radiotherapy and Oncology</i> , 2021, 158, 48-54.	0.3	5
5	The impact of organ-at-risk contour variations on automatically generated treatment plans for NSCLC. <i>Radiotherapy and Oncology</i> , 2021, 163, 136-142.	0.3	14
6	Professional quality of life and burnout among medical physicists working in radiation oncology: The role of alexithymia and empathy. <i>Physics and Imaging in Radiation Oncology</i> , 2020, 15, 38-43.	1.2	22
7	Artificial intelligence in radiation oncology. <i>Nature Reviews Clinical Oncology</i> , 2020, 17, 771-781.	12.5	167
8	The role of alexithymia and empathy on radiation therapists' professional quality of life. <i>Technical Innovations and Patient Support in Radiation Oncology</i> , 2020, 15, 29-36.	0.6	11
9	Professional quality of life and burnout amongst radiation oncologists: The impact of alexithymia and empathy. <i>Radiotherapy and Oncology</i> , 2020, 147, 162-168.	0.3	22
10	Predicting patient specific Pareto fronts from patient anatomy only. <i>Radiotherapy and Oncology</i> , 2020, 150, 46-50.	0.3	5
11	Long-term outcomes following stereotactic body radiotherapy boost for oropharyngeal squamous cell carcinoma. <i>Acta Oncologica</i> , 2019, 58, 926-933.	0.8	11
12	Independent knowledge-based treatment planning QA to audit Pinnacle autoplanning. <i>Radiotherapy and Oncology</i> , 2019, 133, 198-204.	0.3	21
13	Locoregional failures and their relation to radiation fields following stereotactic body radiotherapy boost for oropharyngeal squamous cell carcinoma. <i>Head and Neck</i> , 2019, 41, 1622-1631.	0.9	5
14	Knowledge-based dose prediction models for head and neck cancer are strongly affected by interorgan dependency and dataset inconsistency. <i>Medical Physics</i> , 2019, 46, 934-943.	1.6	9
15	Pareto-optimal plans as ground truth for validation of a commercial system for knowledge-based DVH-prediction. <i>Physica Medica</i> , 2018, 55, 98-106.	0.4	22
16	An individualized strategy to estimate the effect of deformable registration uncertainty on accumulated dose in the upper abdomen. <i>Physics in Medicine and Biology</i> , 2018, 63, 125005.	1.6	5
17	Fully automated VMAT treatment planning for advanced-stage NSCLC patients. <i>Strahlentherapie Und Onkologie</i> , 2017, 193, 402-409.	1.0	40
18	Impact of model and dose uncertainty on model-based selection of oropharyngeal cancer patients for proton therapy. <i>Acta Oncologica</i> , 2017, 56, 1444-1450.	0.8	33

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19	Prospective clinical validation of independent DVH prediction for plan QA in automatic treatment planning for prostate cancer patients. <i>Radiotherapy and Oncology</i> , 2017, 125, 500-506.	0.3	20
20	Evaluation of plan quality assurance models for prostate cancer patients based on fully automatically generated Pareto-optimal treatment plans. <i>Physics in Medicine and Biology</i> , 2016, 61, 4268-4282.	1.6	23
21	Accurate prediction of target dose-escalation and organ-at-risk dose levels for non-small cell lung cancer patients. <i>Radiotherapy and Oncology</i> , 2015, 117, 453-458.	0.3	21
22	MR guided applicator reconstruction for brachytherapy of cervical cancer using the novel titanium Rotterdam applicator. <i>Radiotherapy and Oncology</i> , 2013, 107, 88-92.	0.3	22
23	Increasing maximum tumor dose to manage range uncertainties in IMPT treatment planning. <i>Physics in Medicine and Biology</i> , 2013, 58, 7329-7341.	1.6	9