Steven F Petit

List of Publications by Year
in descending order

23 papers	500 citations	759233 12 h-index	677142 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 â€“ An ESTRO collaborative project. Radiotherapy and Oncology, 2022, 171, 198-204.	0.6	4
2	An optimal acquisition and postâ€processing pipeline for hybrid IVIMâ€DKI in head and neck. Magnetic Resonance in Medicine, 2021, 85, 777-789.	3.0	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. Radiotherapy and Oncology, 2021, 158, 48-54.	0.6	5
5	The impact of organ-at-risk contour variations on automatically generated treatment plans for NSCLC. Radiotherapy and Oncology, 2021, 163, 136-142.	0.6	14
6	Professional quality of life and burnout among medical physicists working in radiation oncology: The role of alexithymia and empathy. Physics and Imaging in Radiation Oncology, 2020, 15, 38-43.	2.9	22
7	Artificial intelligence in radiation oncology. Nature Reviews Clinical Oncology, 2020, 17, 771-781.	27.6	167
8	The role of alexithymia and empathy on radiation therapistsâ€™ professional quality of life. Technical Innovations and Patient Support in Radiation Oncology, 2020, 15, 29-36.	1.9	11
9	Professional quality of life and burnout amongst radiation oncologists: The impact of alexithymia and empathy. Radiotherapy and Oncology, 2020, 147, 162-168.	0.6	22
10	Predicting patient specific Pareto fronts from patient anatomy only. Radiotherapy and Oncology, 2020, 150, 46-50.	0.6	5
11	Long-term outcomes following stereotactic body radiotherapy boost for oropharyngeal squamous cell carcinoma. Acta OncolÃ³gica, 2019, 58, 926-933.	1.8	11
12	Independent knowledge-based treatment planning QA to audit Pinnacle autoplanning. Radiotherapy and Oncology, 2019, 133, 198-204.	0.6	21
13	Locoregional failures and their relation to radiation fields following stereotactic body radiotherapy boost for oropharyngeal squamous cell carcinoma. Head and Neck, 2019, 41, 1622-1631.	2.0	5
14	Knowledgeâ€based dose prediction models for head and neck cancer are strongly affected by interorgan dependency and dataset inconsistency. Medical Physics, 2019, 46, 934-943.	3.0	9
15	Pareto-optimal plans as ground truth for validation of a commercial system for knowledge-based DVH-prediction. Physica Medica, 2018, 55, 98-106.	0.7	22
16	An individualized strategy to estimate the effect of deformable registration uncertainty on accumulated dose in the upper abdomen. Physics in Medicine and Biology, 2018, 63, 125005.	3.0	5
17	Fully automated VMAT treatment planning for advanced-stage NSCLC patients. Strahlentherapie Und Onkologie, 2017, 193, 402-409.	2.0	40
18	Impact of model and dose uncertainty on model-based selection of oropharyngeal cancer patients for proton therapy. Acta OncolÃ³gica, 2017, 56, 1444-1450.	1.8	33

#	Article	IF	Citations
19	Prospective clinical validation of independent DVH prediction for plan QA in automatic treatment planning for prostate cancer patients. Radiotherapy and Oncology, 2017, 125, 500-506.	0.6	20
20	Evaluation of plan quality assurance models for prostate cancer patients based on fully automatically generated Pareto-optimal treatment plans. Physics in Medicine and Biology, 2016, 61, 4268-4282.	3.0	23
21	Accurate prediction of target dose-escalation and organ-at-risk dose levels for non-small cell lung cancer patients. Radiotherapy and Oncology, 2015, 117, 453-458.	0.6	21
22	MR guided applicator reconstruction for brachytherapy of cervical cancer using the novel titanium Rotterdam applicator. Radiotherapy and Oncology, 2013, 107, 88-92.	0.6	22
23	Increasing maximum tumor dose to manage range uncertainties in IMPT treatment planning. Physics in Medicine and Biology, 2013, 58, 7329-7341.	3.0	9