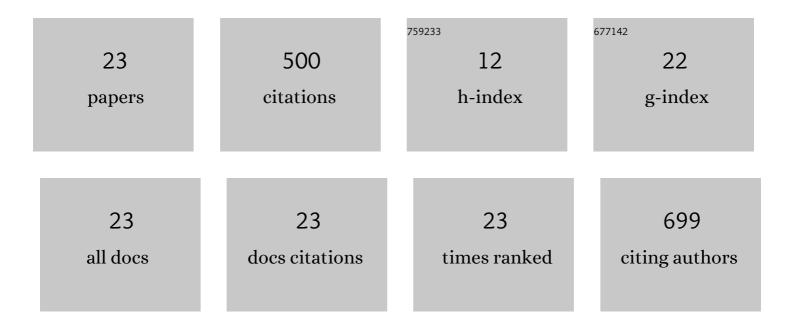
Steven F Petit

List of Publications by Year in descending order

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STEVEN F DETIT

#	Article	lF	CITATIONS
1	Artificial intelligence in radiation oncology. Nature Reviews Clinical Oncology, 2020, 17, 771-781.	27.6	167
2	Fully automated VMAT treatment planning for advanced-stage NSCLC patients. Strahlentherapie Und Onkologie, 2017, 193, 402-409.	2.0	40
3	Impact of model and dose uncertainty on model-based selection of oropharyngeal cancer patients for proton therapy. Acta Oncológica, 2017, 56, 1444-1450.	1.8	33
4	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
5	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
6	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
7	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
8	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
9	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
10	Independent knowledge-based treatment planning QA to audit Pinnacle autoplanning. Radiotherapy and Oncology, 2019, 133, 198-204.	0.6	21
11	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
12	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
13	Long-term outcomes following stereotactic body radiotherapy boost for oropharyngeal squamous cell carcinoma. Acta Oncológica, 2019, 58, 926-933.	1.8	11
14	The role of alexithymia and empathy on radiation therapists' professional quality of life. Technical Innovations and Patient Support in Radiation Oncology, 2020, 15, 29-36.	1.9	11
15	Increasing maximum tumor dose to manage range uncertainties in IMPT treatment planning. Physics in Medicine and Biology, 2013, 58, 7329-7341.	3.0	9
16	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
17	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
18	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

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#	Article	IF	CITATIONS
19	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
20	Predicting patient specific Pareto fronts from patient anatomy only. Radiotherapy and Oncology, 2020, 150, 46-50.	0.6	5
21	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
22	Establishing a benchmark of diversity, equity, inclusion and workforce engagement in radiation oncology in Europe – An ESTRO collaborative project. Radiotherapy and Oncology, 2022, 171, 198-204.	0.6	4
23	Deep-Learning-based Segmentation of Organs-at-Risk in the Head for MR-assisted Radiation Therapy Planning. , 2021, , .		2