

# Gregory Smyth

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7148350/publications.pdf>

Version: 2024-02-01

29  
papers

318  
citations

1307366

7  
h-index

839398

18  
g-index

29  
all docs

29  
docs citations

29  
times ranked

385  
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical Implementation of Robust Multi-isocentric Volumetric Modulated Arc Radiotherapy for Craniospinal Irradiation. <i>Clinical Oncology</i> , 2022, 34, 211-219.	0.6	2
2	Determining the incidence of interstitial pneumonitis and chronic kidney disease following full intensity haemopoetic stem cell transplant conditioned using a forward-planned intensity modulated total body irradiation technique. <i>Radiotherapy and Oncology</i> , 2021, 158, 97-103.	0.3	8
3	Clinical Implementation of Robust Multi-Isocentric VMAT for Craniospinal Irradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, e702.	0.4	0
4	Contouring Variability in Pediatric Abdominal Neuroblastoma: Results of a National Quality Assurance Exercise. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, e235.	0.4	2
5	Implementing VMAT craniospinal irradiation on a conventional linac. <i>Radiography</i> , 2020, 26, S26-S27.	1.1	0
6	PO-0874 The feasibility of MR-Linac treatment planning in childhood abdominal Neuroblastoma. <i>Radiotherapy and Oncology</i> , 2019, 133, S461.	0.3	0
7	Recent developments in non-coplanar radiotherapy. <i>British Journal of Radiology</i> , 2019, 92, 20180908.	1.0	57
8	Dosimetric accuracy of dynamic couch rotation during volumetric modulated arc therapy (DCR-VMAT) for primary brain tumours. <i>Physics in Medicine and Biology</i> , 2019, 64, 08NT01.	1.6	7
9	Dosimetric comparison of five different techniques for craniospinal irradiation across 15 European centers: analysis on behalf of the SIOP-E-BTG (radiotherapy working group). <i>Acta Oncologica</i> , 2018, 57, 1240-1249.	0.8	59
10	PO-0843: Outcomes of paediatric diffuse intrinsic pontine gliomas treated with hypofractionated radiotherapy. <i>Radiotherapy and Oncology</i> , 2018, 127, S440-S441.	0.3	0
11	PO-0893: Dosimetric accuracy and delivery efficiency of dynamic couch rotation VMAT (DCR-VMAT). <i>Radiotherapy and Oncology</i> , 2018, 127, S474.	0.3	2
12	EP-2031: Kidney motion in children and young people quantified using 4DCT deformable registration. <i>Radiotherapy and Oncology</i> , 2018, 127, S1109-S1110.	0.3	1
13	OC-0345: Comparing cranio spinal irradiation planning for photon and proton techniques at 15 European centers. <i>Radiotherapy and Oncology</i> , 2017, 123, S181-S182.	0.3	0
14	Non-coplanar trajectories to improve organ at risk sparing in volumetric modulated arc therapy for primary brain tumors. <i>Radiotherapy and Oncology</i> , 2016, 121, 124-131.	0.3	36
15	Quality of treatment plans and accuracy of in vivo portal dosimetry in hybrid intensity-modulated radiation therapy and volumetric modulated arc therapy for prostate cancer. <i>Radiotherapy and Oncology</i> , 2016, 120, 320-326.	0.3	8
16	OC-0465: Quality of treatment plans in hybrid IMRT and VMAT for prostate radiotherapy. <i>Radiotherapy and Oncology</i> , 2016, 119, S219-S220.	0.3	0
17	Accuracy of portal dosimetry in hybrid IMRT and VMAT treatment of the prostate. <i>Radiotherapy and Oncology</i> , 2016, 118, S7-S8.	0.3	0
18	SUâ€¢Eâ€¢Aâ€¢Câ€¢436: Fluenceâ€¢Based Trajectory Optimization for Nonâ€¢Coplanar VMAT. <i>Medical Physics</i> , 2015, 42, 3434-3434.	1.6	0

#	ARTICLE	IF	CITATIONS
19	EP-1623: Trajectory optimized dynamic couch rotation VMAT for craniopharyngioma. Radiotherapy and Oncology, 2014, 111, S213-S214.	0.3	0
20	Dosimetric Effect of Setup Errors on Multiple Isocenter Volumetric Modulated Arc Radiation Therapy for Craniospinal Axis. International Journal of Radiation Oncology Biology Physics, 2014, 90, S838-S839.	0.4	1
21	Trajectory optimization for dynamic couch rotation during volumetric modulated arc radiotherapy. Physics in Medicine and Biology, 2013, 58, 8163-8177.	1.6	50
22	Beam modeling and VMAT performance with the Agility 160-leaf multileaf collimator. Journal of Applied Clinical Medical Physics, 2013, 14, 172-185.	0.8	62
23	Comparison of a simple dose-guided intervention technique for prostate radiotherapy with existing anatomical image guidance methods. British Journal of Radiology, 2012, 85, 127-134.	1.0	2
24	PO-0680 DOSIMETRIC COMPARISON OF FORWARD PLANNED IMRT (F-IMRT), INVERSE PLANNED IMRT (I-IMRT) AND VMAT FOR PROSTATE CANCER. Radiotherapy and Oncology, 2012, 103, S265.	0.3	0
25	PO-0826 A PINNACLE BEAM MODEL FOR THE AGILITY 160-LEAF MULTILEAF COLLIMATOR. Radiotherapy and Oncology, 2012, 103, S322.	0.3	2
26	1313 poster CAN SINGLE ARC SMARTARC VMAT REPLACE DMPO-IMRT FOR COMPLEX TARGETS?. Radiotherapy and Oncology, 2011, 99, S491-S492.	0.3	1
27	Clinical challenges in the implementation of a tomotherapy service for head and neck cancer patients in a regional UK radiotherapy centre. British Journal of Radiology, 2011, 84, 358-366.	1.0	11
28	A dose distribution overlay technique for image guidance during prostate radiotherapy. British Journal of Radiology, 2008, 81, 890-896.	1.0	7
29	Isopropyl 2-bromo-4-(N-phthalimido)butanoate. Acta Crystallographica Section E: Structure Reports Online, 2001, 57, o300-o302.	0.2	0