

# Sara Pilskog

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

441  
citations

933447

10  
h-index

752698

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

587  
citing authors

#	ARTICLE	IF	CITATIONS
1	Propagation of target and organ at risk contours in radiotherapy of prostate cancer using deformable image registration. <i>Acta Oncol</i> <sup>3</sup> <i>gica</i> , 2010, 49, 1023-1032.	1.8	83
2	Adaptive radiotherapy strategies for pelvic tumors – a systematic review of clinical implementations. <i>Acta Oncol</i> <sup>3</sup> <i>gica</i> , 2016, 55, 943-958.	1.8	58
3	Patterns of practice for adaptive and real-time radiation therapy (POP-ART RT) part II: Offline and online plan adaption for interfractional changes. <i>Radiotherapy and Oncology</i> , 2020, 153, 88-96.	0.6	50
4	Degradation of target coverage due to inter-fraction motion during intensity-modulated proton therapy of prostate and elective targets. <i>Acta Oncol</i> <sup>3</sup> <i>gica</i> , 2013, 52, 521-527.	1.8	43
5	Treatment simulations with a statistical deformable motion model to evaluate margins for multiple targets in radiotherapy for high-risk prostate cancer. <i>Radiotherapy and Oncology</i> , 2013, 109, 344-349.	0.6	40
6	A phenomenological biological dose model for proton therapy based on linear energy transfer spectra. <i>Medical Physics</i> , 2017, 44, 2586-2594.	3.0	33
7	Plan robustness of simultaneous integrated boost radiotherapy of prostate and lymph nodes for different image-guidance and delivery techniques. <i>Acta Oncol</i> <sup>3</sup> <i>gica</i> , 2011, 50, 926-934.	1.8	20
8	A method for evaluation of proton plan robustness towards inter-fractional motion applied to pelvic lymph node irradiation. <i>Acta Oncol</i> <sup>3</sup> <i>gica</i> , 2015, 54, 1643-1650.	1.8	20
9	Adaptive radiotherapy in locally advanced prostate cancer using a statistical deformable motion model. <i>Acta Oncol</i> <sup>3</sup> <i>gica</i> , 2013, 52, 1423-1429.	1.8	19
10	Intensity profile based measurement of prostate gold markers influence on 1.5 and 3T diffusion-weighted MR images. <i>Acta Oncol</i> <sup>3</sup> <i>gica</i> , 2011, 50, 866-872.	1.8	10
11	Beam angle evaluation to improve inter-fraction motion robustness in pelvic lymph node irradiation with proton therapy. <i>Acta Oncol</i> <sup>3</sup> <i>gica</i> , 2017, 56, 846-852.	1.8	9
12	PREVIS: Predictive visual analytics of anatomical variability for radiotherapy decision support. <i>Computers and Graphics</i> , 2021, 97, 126-138.	2.5	9
13	Statistical motion modelling for robust evaluation of clinically delivered accumulated dose distributions after curative radiotherapy of locally advanced prostate cancer. <i>Radiotherapy and Oncology</i> , 2018, 128, 327-335.	0.6	8
14	Inter-patient variations in relative biological effectiveness for cranio-spinal irradiation with protons. <i>Scientific Reports</i> , 2020, 10, 6212.	3.3	8
15	On-line dose-guidance to account for inter-fractional motion during proton therapy. <i>Physics and Imaging in Radiation Oncology</i> , 2019, 9, 7-13.	2.9	7
16	Evaluating the influence of organ motion during photon vs. proton therapy for locally advanced prostate cancer using biological models. <i>Acta Oncol</i> <sup>3</sup> <i>gica</i> , 2017, 56, 839-845.	1.8	6
17	Variation in relative biological effectiveness for cognitive structures in proton therapy of pediatric brain tumors. <i>Acta Oncol</i> <sup>3</sup> <i>gica</i> , 2021, 60, 267-274.	1.8	6
18	The Organ Sparing Potential of Different Biological Optimization Strategies in Proton Therapy. <i>Advances in Radiation Oncology</i> , 2021, 6, 100776.	1.2	5

#	ARTICLE	IF	CITATIONS
19	Plan Selection in Proton Therapy of Locally Advanced Prostate Cancer with Simultaneous Treatment of Multiple Targets. International Journal of Radiation Oncology Biology Physics, 2020, 106, 630-638.	0.8	3
20	Reducing systematic errors due to deformation of organs at risk in radiotherapy. Medical Physics, 2021, 48, 6578-6587.	3.0	2
21	Anatomically robust proton therapy using multiple planning computed tomography scans for locally advanced prostate cancer. Acta Oncológica, 2021, 60, 598-604.	1.8	1
22	Towards range-guidance in proton therapy to detect organ motion-induced dose degradations. Biomedical Physics and Engineering Express, 2022, , .	1.2	1