

# Stine Sofia Korreman

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

2,765  
citations

212478

28  
h-index

232693

48  
g-index

48  
all docs

48  
docs citations

48  
times ranked

2548  
citing authors

#	ARTICLE	IF	CITATIONS
1	Target coverage and local recurrences after radiotherapy for sinonasal cancer in Denmark 2008–2015. A DAHANCA study. <i>Acta Oncologica</i> , 2022, 61, 120-126.	0.8	3
2	PET Normalizations to Improve Deep Learning Auto-Segmentation of Head and Neck Tumors in 3D PET/CT. <i>Lecture Notes in Computer Science</i> , 2022, , 83-91.	1.0	5
3	Comparing Deep Learning and Conventional Machine Learning for Outcome Prediction of Head and Neck Cancer in PET/CT. <i>Lecture Notes in Computer Science</i> , 2022, , 318-326.	1.0	2
4	Comparing different CT, PET and MRI multi-modality image combinations for deep learning-based head and neck tumor segmentation. <i>Acta Oncologica</i> , 2021, 60, 1399-1406.	0.8	43
5	Novel technologies in radiotherapy in the Nordic countries - report from the NACP2020/21 conference. <i>Acta Oncologica</i> , 2021, 60, 1383-1385.	0.8	1
6	A systematically compiled set of quantitative metrics to describe spatial characteristics of radiotherapy dose distributions and aid in treatment planning. <i>Physica Medica</i> , 2021, 90, 164-175.	0.4	4
7	The role of computational methods for automating and improving clinical target volume definition. <i>Radiotherapy and Oncology</i> , 2020, 153, 15-25.	0.3	31
8	Designing a graphite calorimeter for scintillator quenching measurements. <i>Radiation Measurements</i> , 2020, 132, 106277.	0.7	3
9	Rethink radiotherapy – BIGART 2017. <i>Acta Oncologica</i> , 2017, 56, 1341-1352.	0.8	6
10	Image-guided radiotherapy and motion management in lung cancer. <i>British Journal of Radiology</i> , 2015, 88, 20150100.	1.0	49
11	Motion management during IMAT treatment of mobile lung tumors – A comparison of MLC tracking and gated delivery. <i>Medical Physics</i> , 2014, 41, 101707.	1.6	18
12	Recurrences after intensity modulated radiotherapy for head and neck squamous cell carcinoma more likely to originate from regions with high baseline [18F]-FDG uptake. <i>Radiotherapy and Oncology</i> , 2014, 111, 360-365.	0.3	102
13	Irregular breathing during 4DCT scanning of lung cancer patients: Is the midventilation approach robust?. <i>Physica Medica</i> , 2014, 30, 69-75.	0.4	22
14	Percutaneously implanted markers in peripheral lung tumours: Report of complications. <i>Acta Oncologica</i> , 2013, 52, 1225-1228.	0.8	9
15	Evaluation of methods for selecting the midventilation bin in 4DCT scans of lung cancer patients. <i>Acta Oncologica</i> , 2013, 52, 1715-1722.	0.8	2
16	Interobserver delineation variation in lung tumour stereotactic body radiotherapy. <i>British Journal of Radiology</i> , 2012, 85, e654-e660.	1.0	33
17	Motion in radiotherapy: photon therapy. <i>Physics in Medicine and Biology</i> , 2012, 57, R161-R191.	1.6	126
18	The dosimetric impact of inversely optimized arc radiotherapy plan modulation for real-time dynamic MLC tracking delivery. <i>Medical Physics</i> , 2012, 39, 1588-1594.	1.6	18

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19	Methods for estimating the site of origin of locoregional recurrence in head and neck squamous cell carcinoma. <i>Strahlentherapie Und Onkologie</i> , 2012, 188, 671-676.	1.0	34
20	Estimated radiation pneumonitis risk after photon versus proton therapy alone or combined with chemotherapy for lung cancer. <i>Acta Oncol<sup>3</sup>gica</i> , 2011, 50, 772-776.	0.8	25
21	Comparison of the accuracy and precision of prostate localization with 2D and 3D images. <i>Radiotherapy and Oncology</i> , 2011, 98, 175-180.	0.3	17
22	Artifacts in Conventional Computed Tomography (CT) and Free Breathing Four-Dimensional CT Induce Uncertainty in Gross Tumor Volume Determination. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 80, 1573-1580.	0.4	53
23	Evaluation of dose to cardiac structures during breast irradiation. <i>British Journal of Radiology</i> , 2011, 84, 743-746.	1.0	74
24	Tumor-tracking radiotherapy of moving targets; verification using 3D polymer gel, 2D ion-chamber array and biplanar diode array. <i>Journal of Physics: Conference Series</i> , 2010, 250, 012051.	0.3	6
25	RapidArc treatment verification in 3D using polymer gel dosimetry and Monte Carlo simulation. <i>Physics in Medicine and Biology</i> , 2010, 55, 4885-4898.	1.6	44
26	Real-time dynamic MLC tracking for inversely optimized arc radiotherapy. <i>Radiotherapy and Oncology</i> , 2010, 94, 218-223.	0.3	62
27	Automated analysis of images acquired with electronic portal imaging device during delivery of quality assurance plans for inversely optimized arc therapy. <i>Radiotherapy and Oncology</i> , 2010, 94, 195-198.	0.3	15
28	The European Society of Therapeutic Radiology and Oncology's European Institute of Radiotherapy (ESTRO's EIR) report on 3D CT-based in-room image guidance systems: A practical and technical review and guide. <i>Radiotherapy and Oncology</i> , 2010, 94, 129-144.	0.3	168
29	Deviations in delineated GTV caused by artefacts in 4DCT. <i>Radiotherapy and Oncology</i> , 2010, 96, 61-66.	0.3	136
30	Rotational radiotherapy for prostate cancer in clinical practice. <i>Radiotherapy and Oncology</i> , 2010, 97, 480-484.	0.3	45
31	A treatment planning study of the potential of geometrical tracking for intensity modulated proton therapy of lung cancer. <i>Acta Oncol<sup>3</sup>gica</i> , 2010, 49, 1141-1148.	0.8	11
32	Methodologies for localizing loco-regional hypopharyngeal carcinoma recurrences in relation to FDG-PET positive and clinical radiation therapy target volumes. <i>Acta Oncol<sup>3</sup>gica</i> , 2010, 49, 984-990.	0.8	12
33	Feasibility of dose painting using volumetric modulated arc optimization and delivery. <i>Acta Oncol<sup>3</sup>gica</i> , 2010, 49, 964-971.	0.8	42
34	DMLC motion tracking of moving targets for intensity modulated arc therapy treatment - a feasibility study. <i>Acta Oncol<sup>3</sup>gica</i> , 2009, 48, 245-250.	0.8	48
35	Dosimetric verification of RapidArc treatment delivery. <i>Acta Oncol<sup>3</sup>gica</i> , 2009, 48, 185-191.	0.8	100
36	RapidArc volumetric modulated therapy planning for prostate cancer patients. <i>Acta Oncol<sup>3</sup>gica</i> , 2009, 48, 227-232.	0.8	142

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37	The effect of different lung densities on the accuracy of various radiotherapy dose calculation methods: Implications for tumour coverage. <i>Radiotherapy and Oncology</i> , 2009, 91, 405-414.	0.3	147
38	The role of image guidance in respiratory gated radiotherapy. <i>Acta Oncologica</i> , 2008, 47, 1390-1396.	0.8	41
39	Respiratory gated beam delivery cannot facilitate margin reduction, unless combined with respiratory correlated image guidance. <i>Radiotherapy and Oncology</i> , 2008, 86, 61-68.	0.3	169
40	Can audio coached 4D CT emulate free breathing during the treatment course?. <i>Acta Oncologica</i> , 2008, 47, 1397-1405.	0.8	23
41	Interfractional changes in tumour volume and position during entire radiotherapy courses for lung cancer with respiratory gating and image guidance. <i>Acta Oncologica</i> , 2008, 47, 1406-1413.	0.8	51
42	Intra- and interfraction breathing variations during curative radiotherapy for lung cancer. <i>Radiotherapy and Oncology</i> , 2007, 84, 40-48.	0.3	83
43	Cardiac and pulmonary complication probabilities for breast cancer patients after routine end-inspiration gated radiotherapy. <i>Radiotherapy and Oncology</i> , 2006, 80, 257-262.	0.3	65
44	Reduction of cardiac and pulmonary complication probabilities after breathing adapted radiotherapy for breast cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 65, 1375-1380.	0.4	145
45	IGRT of prostate cancer; is the margin reduction gained from daily IG time-dependent?. <i>Acta Oncologica</i> , 2006, 45, 907-914.	0.8	43
46	Breathing adapted radiotherapy for breast cancer: Comparison of free breathing gating with the breath-hold technique. <i>Radiotherapy and Oncology</i> , 2005, 76, 311-318.	0.3	224
47	Breathing adapted radiotherapy of breast cancer: reduction of cardiac and pulmonary doses using voluntary inspiration breath-hold. <i>Radiotherapy and Oncology</i> , 2004, 72, 53-60.	0.3	231
48	Modification of anomalous swelling in multilamellar vesicles induced by alkali halide salts. <i>European Biophysics Journal</i> , 2001, 30, 121-128.	1.2	32