

# Sonja Stieb

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

465  
citations

933447

10  
h-index

713466

21  
g-index

28  
all docs

28  
docs citations

28  
times ranked

977  
citing authors

#	ARTICLE	IF	CITATIONS
1	Computed Tomography Radiomics Predicts HPV Status and Local Tumor Control After Definitive Radiochemotherapy in Head and Neck Squamous Cell Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 921-928.	0.8	161
2	Longitudinal PET imaging of tumor hypoxia during the course of radiotherapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 2201-2217.	6.4	47
3	PleThora: Pleural effusion and thoracic cavity segmentations in diseased lungs for benchmarking chest CT processing pipelines. <i>Medical Physics</i> , 2020, 47, 5941-5952.	3.0	29
4	Three-dimensional versus four-dimensional dose calculation for volumetric modulated arc therapy of hypofractionated treatments. <i>Zeitschrift Fur Medizinische Physik</i> , 2016, 26, 45-53.	1.5	23
5	Novel Autosegmentation Spatial Similarity Metrics Capture the Time Required to Correct Segmentations Better Than Traditional Metrics in a Thoracic Cavity Segmentation Workflow. <i>Journal of Digital Imaging</i> , 2021, 34, 541-553.	2.9	20
6	Tumor stage, tumor site and HPV dependent correlation of perfusion CT parameters and [18F]-FDG uptake in head and neck squamous cell carcinoma. <i>Radiotherapy and Oncology</i> , 2015, 117, 125-131.	0.6	18
7	Mixed Effect Modeling of Dose and Linear Energy Transfer Correlations With Brain Image Changes After Intensity Modulated Proton Therapy for Skull Base Head and Neck Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, 684-692.	0.8	17
8	Safety of high-dose-rate stereotactic body radiotherapy. <i>Radiation Oncology</i> , 2015, 10, 27.	2.7	16
9	Radiation recall dermatitis induced by sorafenib. <i>Strahlentherapie Und Onkologie</i> , 2016, 192, 342-348.	2.0	14
10	Non-parametric intravoxel incoherent motion analysis in patients with intracranial lesions: Test-retest reliability and correlation with arterial spin labeling. <i>NeuroImage: Clinical</i> , 2016, 11, 780-788.	2.7	12
11	Imaging for Response Assessment in Radiation Oncology. <i>Hematology/Oncology Clinics of North America</i> , 2020, 34, 293-306.	2.2	11
12	The impact of tongue-deviating and tongue-depressing oral stents on long-term radiation-associated symptoms in oropharyngeal cancer survivors. <i>Clinical and Translational Radiation Oncology</i> , 2020, 24, 71-78.	1.7	11
13	Repetitive MRI of organs at risk in head and neck cancer patients undergoing radiotherapy. <i>Clinical and Translational Radiation Oncology</i> , 2019, 18, 131-139.	1.7	10
14	Outcomes and patterns of radiation associated brain image changes after proton therapy for head and neck skull base cancers. <i>Radiotherapy and Oncology</i> , 2020, 151, 119-125.	0.6	10
15	Imaging for Target Delineation and Treatment Planning in Radiation Oncology. <i>Hematology/Oncology Clinics of North America</i> , 2019, 33, 963-975.	2.2	9
16	NTCP Modeling of Late Effects for Head and Neck Cancer: A Systematic Review. <i>International Journal of Particle Therapy</i> , 2021, 8, 95-107.	1.8	9
17	Evaluation of 18F-FDG PET/CT as an early imaging biomarker for response monitoring after radiochemotherapy using cetuximab in head and neck squamous cell carcinoma. <i>Head and Neck</i> , 2020, 42, 163-170.	2.0	7
18	A Dosimetric Comparison of Oral Cavity Sparing in the Unilateral Treatment of Early Stage Tonsil Cancer: IMRT, IMPT, and Tongue-Deviating Oral Stents. <i>Advances in Radiation Oncology</i> , 2020, 5, 1359-1363.	1.2	7

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19	18FDC positron emission tomography mining for metabolic imaging biomarkers of radiation-induced xerostomia in patients with oropharyngeal cancer. <i>Clinical and Translational Radiation Oncology</i> , 2021, 29, 93-101.	1.7	6
20	Prospective observational evaluation of radiation-induced late taste impairment kinetics in oropharyngeal cancer patients: Potential for improvement over time?. <i>Clinical and Translational Radiation Oncology</i> , 2020, 22, 98-105.	1.7	5
21	PleThora: Pleural effusion and thoracic cavity segmentations in diseased lungs for benchmarking chest CT processing pipelines. <i>Medical Physics</i> , 2020, 47, 5941.	3.0	5
22	Lesion magnetic susceptibility response to hyperoxic challenge: A biomarker for malignant brain tumor microenvironment?. <i>Magnetic Resonance Imaging</i> , 2018, 47, 147-153.	1.8	4
23	Dosimetric influence of pitch in patient positioning for radiotherapy of long treatment volumes; the usefulness of six degree of freedom couch. <i>British Journal of Radiology</i> , 2018, 91, 20170704.	2.2	4
24	Development and validation of a contouring guideline for the taste bud bearing tongue mucosa. <i>Radiotherapy and Oncology</i> , 2021, 157, 63-69.	0.6	4
25	Consolidation cetuximab after concurrent triplet radiochemotherapy+cetuximab in patients with advanced head and neck cancer: A randomized phase II study. <i>Radiotherapy and Oncology</i> , 2020, 150, 62-69.	0.6	3
26	Dependency of the blood oxygen level dependent-response to hyperoxic challenges on the order of gas administration in intracranial malignancies. <i>Neuroradiology</i> , 2019, 61, 783-793.	2.2	1
27	Correction for fast pseudo-diffusive fluid motion contaminations in diffusion tensor imaging. <i>Magnetic Resonance Imaging</i> , 2020, 66, 50-56.	1.8	1
28	The influence of radiation dose on taste impairment in a prospective observational study cohort of oropharyngeal cancer patients. <i>Acta Oncol</i> , 2022, 61, 146-152.	1.8	1