

Janita van Timmeren

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6303543/publications.pdf>

Version: 2024-02-01

43
papers

5,532
citations

394286

19
h-index

302012

39
g-index

43
all docs

43
docs citations

43
times ranked

6265
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-isocenter versus multiple-isocenters for multiple lung metastases: Evaluation of lung dose. <i>Radiotherapy and Oncology</i> , 2022, 166, 189-194.	0.3	10
2	A 2.5D convolutional neural network for HPV prediction in advanced oropharyngeal cancer. <i>Computers in Biology and Medicine</i> , 2022, 142, 105215.	3.9	9
3	Dental extraction, intensity-modulated radiotherapy of head and neck cancer, and osteoradionecrosis. <i>Strahlentherapie Und Onkologie</i> , 2022, 198, 219-228.	1.0	16
4	Evaluation of the prognostic value of the ESTRO EORTC classification of oligometastatic disease in patients treated with stereotactic body radiotherapy: A retrospective single center study. <i>Radiotherapy and Oncology</i> , 2022, 168, 256-264.	0.3	20
5	Gating has a negligible impact on dose delivered in MRI-guided online adaptive radiotherapy of prostate cancer. <i>Radiotherapy and Oncology</i> , 2022, 170, 205-212.	0.3	17
6	Comprehensive summary and retrospective evaluation of prognostic scores for patients with newly diagnosed brain metastases treated with upfront radiosurgery in a modern patient collective. <i>Radiotherapy and Oncology</i> , 2022, 172, 23-31.	0.3	7
7	Automated detection and segmentation of non-small cell lung cancer computed tomography images. <i>Nature Communications</i> , 2022, 13, .	5.8	44
8	Comparison of beam segment versus full plan re-optimization in daily magnetic resonance imaging-guided online-adaptive radiotherapy. <i>Physics and Imaging in Radiation Oncology</i> , 2021, 17, 43-46.	1.2	7
9	MR-Guided Radiotherapy for Head and Neck Cancer: Current Developments, Perspectives, and Challenges. <i>Frontiers in Oncology</i> , 2021, 11, 616156.	1.3	37
10	Cochlea sparing optimized radiotherapy for nasopharyngeal carcinoma. <i>Radiation Oncology</i> , 2021, 16, 64.	1.2	5
11	Head and neck radiotherapy on the MR linac: a multicenter planning challenge amongst MRIdian platform users. <i>Strahlentherapie Und Onkologie</i> , 2021, 197, 1093-1103.	1.0	17
12	Distance to isocenter is not associated with an increased risk for local failure in LINAC-based single-isocenter SRS or SRT for multiple brain metastases. <i>Radiotherapy and Oncology</i> , 2021, 159, 168-175.	0.3	22
13	Systematic Review on the Association of Radiomics with Tumor Biological Endpoints. <i>Cancers</i> , 2021, 13, 3015.	1.7	11
14	A Prospectively Validated Prognostic Model for Patients with Locally Advanced Squamous Cell Carcinoma of the Head and Neck Based on Radiomics of Computed Tomography Images. <i>Cancers</i> , 2021, 13, 3271.	1.7	12
15	Margin calculation for multiple lung metastases treated with single-isocenter SBRT. <i>Radiotherapy and Oncology</i> , 2021, 162, 105-111.	0.3	4
16	Quantification of the spatial distribution of primary tumors in the lung to develop new prognostic biomarkers for locally advanced NSCLC. <i>Scientific Reports</i> , 2021, 11, 20890.	1.6	3
17	Machine learning for grading and prognosis of esophageal dysplasia using mass spectrometry and histological imaging. <i>Computers in Biology and Medicine</i> , 2021, 138, 104918.	3.9	12
18	MR-Guided Adaptive Radiotherapy for Head and Neck Cancer: Prospective Evaluation of Migration and Anatomical Changes of the Major Salivary Glands. <i>Cancers</i> , 2021, 13, 5404.	1.7	13

#	ARTICLE	IF	CITATIONS
19	Tumor regression during radiotherapy for non-small cell lung cancer patients using cone-beam computed tomography images. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 159-171.	1.0	6
20	Radiomics in medical imaging – how to guide and critical reflection. <i>Insights Into Imaging</i> , 2020, 11, 91.	1.6	599
21	PET-Plan: potential for dose escalation by target volume reduction in locally advanced NSCLC. <i>Translational Lung Cancer Research</i> , 2020, 9, 1595-1598.	1.3	0
22	MRI-based radiomics in breast cancer: feature robustness with respect to inter-observer segmentation variability. <i>Scientific Reports</i> , 2020, 10, 14163.	1.6	47
23	Treatment plan quality during online adaptive re-planning. <i>Radiation Oncology</i> , 2020, 15, 203.	1.2	36
24	Radiomics: from qualitative to quantitative imaging. <i>British Journal of Radiology</i> , 2020, 93, 20190948.	1.0	164
25	Can radiomics help to predict skeletal muscle response to chemotherapy in stage IV non-small cell lung cancer?. <i>European Journal of Cancer</i> , 2019, 120, 107-113.	1.3	22
26	Challenges and caveats of a multi-center retrospective radiomics study: an example of early treatment response assessment for NSCLC patients using FDG-PET/CT radiomics. <i>PLoS ONE</i> , 2019, 14, e0217536.	1.1	38
27	Longitudinal radiomics of cone-beam CT images from non-small cell lung cancer patients: Evaluation of the added prognostic value for overall survival and locoregional recurrence. <i>Radiotherapy and Oncology</i> , 2019, 136, 78-85.	0.3	48
28	Decision Support Systems in Oncology. <i>JCO Clinical Cancer Informatics</i> , 2019, 3, 1-9.	1.0	85
29	Tracking tumor biology with radiomics: A systematic review utilizing a radiomics quality score. <i>Radiotherapy and Oncology</i> , 2018, 127, 349-360.	0.3	175
30	EP-2112: How accurate should a GTV delineation be for radiomics? A study in NSCLC patients. <i>Radiotherapy and Oncology</i> , 2018, 127, S1161-S1162.	0.3	0
31	¹⁸ F-fluorodeoxyglucose positron-emission tomography (FDG-PET)-Radiomics of metastatic lymph nodes and primary tumor in non-small cell lung cancer (NSCLC) – A prospective externally validated study. <i>PLoS ONE</i> , 2018, 13, e0192859.	1.1	57
32	Decision support systems for personalized and participative radiation oncology. <i>Advanced Drug Delivery Reviews</i> , 2017, 109, 131-153.	6.6	113
33	Survival prediction of non-small cell lung cancer patients using radiomics analyses of cone-beam CT images. <i>Radiotherapy and Oncology</i> , 2017, 123, 363-369.	0.3	136
34	Radiomics: the bridge between medical imaging and personalized medicine. <i>Nature Reviews Clinical Oncology</i> , 2017, 14, 749-762.	12.5	3,216
35	Feature selection methodology for longitudinal cone-beam CT radiomics. <i>Acta Oncologica</i> , 2017, 56, 1537-1543.	0.8	55
36	Influence of gray level discretization on radiomic feature stability for different CT scanners, tube currents and slice thicknesses: a comprehensive phantom study. <i>Acta Oncologica</i> , 2017, 56, 1544-1553.	0.8	183

#	ARTICLE	IF	CITATIONS
37	EP-1600: Delta radiomics of NSCLC using weekly conebeam CT imaging: a feasibility study. Radiotherapy and Oncology, 2017, 123, S862-S863.	0.3	0
38	EP-1608: Deriving HPV status from standard CT imaging: a radiomic approach with independent validation. Radiotherapy and Oncology, 2017, 123, S868-S869.	0.3	1
39	4DCT imaging to assess radiomics feature stability: An investigation for thoracic cancers. Radiotherapy and Oncology, 2017, 125, 147-153.	0.3	61
40	Testâ€Retest Data for Radiomics Feature Stability Analysis: Generalizable or Study-Specific?. Tomography, 2016, 2, 361-365.	0.8	135
41	Measurement of LV Volumes andÂFunction Using Oxygen-15 Water-Gated PET and Comparison With CMR Imaging. JACC: Cardiovascular Imaging, 2016, 9, 1472-1474.	2.3	15
42	Radiomics applied to lung cancer: a review. Translational Cancer Research, 2016, 5, 398-409.	0.4	71
43	Predicting Adverse Radiation Effects in Brain Tumors After Stereotactic Radiotherapy With Deep Learning and Handcrafted Radiomics. Frontiers in Oncology, 0, 12, .	1.3	3