

Janita van Timmeren

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

5,532
citations

394421

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302126

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43
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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. | 0.6 | 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. | 7.0 | 9 |
| 3 | Dental extraction, intensity-modulated radiotherapy of head and neck cancer, and osteoradionecrosis. <i>Strahlentherapie Und Onkologie</i> , 2022, 198, 219-228. | 2.0 | 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. | 0.6 | 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. | 0.6 | 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. | 0.6 | 7 |
| 7 | Automated detection and segmentation of non-small cell lung cancer computed tomography images. <i>Nature Communications</i> , 2022, 13, . | 12.8 | 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. | 2.9 | 7 |
| 9 | MR-Guided Radiotherapy for Head and Neck Cancer: Current Developments, Perspectives, and Challenges. <i>Frontiers in Oncology</i> , 2021, 11, 616156. | 2.8 | 37 |
| 10 | Cochlea sparing optimized radiotherapy for nasopharyngeal carcinoma. <i>Radiation Oncology</i> , 2021, 16, 64. | 2.7 | 5 |
| 11 | Head and neck radiotherapy on the MR linac: a multicenter planning challenge amongst MRldian platform users. <i>Strahlentherapie Und Onkologie</i> , 2021, 197, 1093-1103. | 2.0 | 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. | 0.6 | 22 |
| 13 | Systematic Review on the Association of Radiomics with Tumor Biological Endpoints. <i>Cancers</i> , 2021, 13, 3015. | 3.7 | 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. | 3.7 | 12 |
| 15 | Margin calculation for multiple lung metastases treated with single-isocenter SBRT. <i>Radiotherapy and Oncology</i> , 2021, 162, 105-111. | 0.6 | 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. | 3.3 | 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. | 7.0 | 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. | 3.7 | 13 |

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|----|---|------|-----------|
| 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. | 2.0 | 6 |
| 20 | Radiomics in medical imaging – how to guide and critical reflection. <i>Insights Into Imaging</i> , 2020, 11, 91. | 3.4 | 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. | 2.8 | 0 |
| 22 | MRI-based radiomics in breast cancer: feature robustness with respect to inter-observer segmentation variability. <i>Scientific Reports</i> , 2020, 10, 14163. | 3.3 | 47 |
| 23 | Treatment plan quality during online adaptive re-planning. <i>Radiation Oncology</i> , 2020, 15, 203. | 2.7 | 36 |
| 24 | Radiomics: from qualitative to quantitative imaging. <i>British Journal of Radiology</i> , 2020, 93, 20190948. | 2.2 | 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. | 2.8 | 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. | 2.5 | 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. | 0.6 | 48 |
| 28 | Decision Support Systems in Oncology. <i>JCO Clinical Cancer Informatics</i> , 2019, 3, 1-9. | 2.1 | 85 |
| 29 | Tracking tumor biology with radiomics: A systematic review utilizing a radiomics quality score. <i>Radiotherapy and Oncology</i> , 2018, 127, 349-360. | 0.6 | 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. | 0.6 | 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. | 2.5 | 57 |
| 32 | Decision support systems for personalized and participative radiation oncology. <i>Advanced Drug Delivery Reviews</i> , 2017, 109, 131-153. | 13.7 | 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. | 0.6 | 136 |
| 34 | Radiomics: the bridge between medical imaging and personalized medicine. <i>Nature Reviews Clinical Oncology</i> , 2017, 14, 749-762. | 27.6 | 3,216 |
| 35 | Feature selection methodology for longitudinal cone-beam CT radiomics. <i>Acta Oncologica</i> , 2017, 56, 1537-1543. | 1.8 | 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. | 1.8 | 183 |

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|----|--|-----|-----------|
| 37 | EP-1600: Delta radiomics of NSCLC using weekly conebeam CT imaging: a feasibility study. Radiotherapy and Oncology, 2017, 123, S862-S863. | 0.6 | 0 |
| 38 | EP-1608: Deriving HPV status from standard CT imaging: a radiomic approach with independent validation. Radiotherapy and Oncology, 2017, 123, S868-S869. | 0.6 | 1 |
| 39 | 4DCT imaging to assess radiomics feature stability: An investigation for thoracic cancers. Radiotherapy and Oncology, 2017, 125, 147-153. | 0.6 | 61 |
| 40 | Testâ€Retest Data for Radiomics Feature Stability Analysis: Generalizable or Study-Specific?. Tomography, 2016, 2, 361-365. | 1.8 | 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. | 5.3 | 15 |
| 42 | Radiomics applied to lung cancer: a review. Translational Cancer Research, 2016, 5, 398-409. | 1.0 | 71 |
| 43 | Predicting Adverse Radiation Effects in Brain Tumors After Stereotactic Radiotherapy With Deep Learning and Handcrafted Radiomics. Frontiers in Oncology, 0, 12, . | 2.8 | 3 |