Jan C Peeken

List of Publications by Year
in descending order

36 papers	1,016 citations	394421 19 h-index	454955 30 g-index
38 all docs	38 docs citations	38 times ranked	1561 citing authors

#	Article	IF	Citations
1	Nearest Neighbor-Based Strategy to Optimize Multi-View Triplet Network for Classification of Small-Sample Medical Imaging Data. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 586-600.	11.3	8
2	Regularizing the Deepsurv Network Using Projection Loss for Medical Risk Assessment. IEEE Access, 2022, 10, 8005-8020.	4.2	5
3	Quality of life in patients treated with radiochemotherapy for primary diagnosis of anal cancer. Scientific Reports, 2022, 12, 4416.	3.3	5
4	Biomarker signatures for primary radiochemotherapy of locally advanced HNSCC â€" Hypothesis generation on a multicentre cohort of the DKTK-ROG. Radiotherapy and Oncology, 2022, 169, 8-14.	0.6	5
5	Predictive value of clinical and 18F-FDG-PET/CT derived imaging parameters in patients undergoing neoadjuvant chemoradiation for esophageal squamous cell carcinoma. Scientific Reports, 2022, 12, 7148.	3.3	2
6	Matched-Pair Comparison of ^{68}Ga-PSMA-11 and ^{18}F-rhPSMA-7 PET/CT in Patients with Primary and Biochemical Recurrence of Prostate Cancer: Frequency of Nonâ€"Tumor-Related Uptake and Tumor Positivity. Journal of Nuclear Medicine, 2021, 62, 1082-1088.	5.0	36
7	Definition and validation of a radiomics signature for loco-regional tumour control in patients with locally advanced head and neck squamous cell carcinoma. Clinical and Translational Radiation Oncology, 2021, 26, 62-70.	1.7	8
8	Oncological Outcome and Prognostic Factors of Surgery for Soft Tissue Sarcoma After Neoadjuvant or Adjuvant Radiation Therapy: A Retrospective Analysis over 15 Years. Anticancer Research, 2021, 41, 359-368.	1.1	5
9	Deep Learning Based HPV Status Prediction for Oropharyngeal Cancer Patients. Cancers, 2021, 13, 786.	3.7	23
10	Prognostic Assessment in High-Grade Soft-Tissue Sarcoma Patients: A Comparison of Semantic Image Analysis and Radiomics. Cancers, 2021, 13, 1929.	3.7	25
11	Development and External Validation of Deep-Learning-Based Tumor Grading Models in Soft-Tissue Sarcoma Patients Using MR Imaging. Cancers, 2021, 13, 2866.	3.7	24
12	MRI-based delta-radiomics predicts pathologic complete response in high-grade soft-tissue sarcoma patients treated with neoadjuvant therapy. Radiotherapy and Oncology, 2021, 164, 73-82.	0.6	35
13	2D and 3D convolutional neural networks for outcome modelling of locally advanced head and neck squamous cell carcinoma. Scientific Reports, 2020, 10, 15625.	3.3	34
14	Comprehensive Analysis of Tumour Sub-Volumes for Radiomic Risk Modelling in Locally Advanced HNSCC. Cancers, 2020, 12, 3047.	3.7	19
15	A CT-based radiomics model to detect prostate cancer lymph node metastases in PSMA radioguided surgery patients. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 2968-2977.	6.4	28
16	Dosimetric comparison of organs at risk using different contouring guidelines for definition of the clinical target volume in anal cancer. Strahlentherapie Und Onkologie, 2020, 196, 368-375.	2.0	2
17	Image-Guided Radiooncology: The Potential of Radiomics in Clinical Application. Recent Results in Cancer Research, 2020, 216, 773-794.	1.8	19
18	Deep learning derived tumor infiltration maps for personalized target definition in Glioblastoma radiotherapy. Radiotherapy and Oncology, 2019, 138, 166-172.	0.6	28

#	Article	IF	Citations
19	Have we achieved adequate recommendations for target volume definitions in anal cancer? A PET imaging based patterns of failure analysis in the context of established contouring guidelines. BMC Cancer, 2019, 19, 742.	2.6	22
20	Tumor grading of soft tissue sarcomas using MRI-based radiomics. EBioMedicine, 2019, 48, 332-340.	6.1	73
21	Neoadjuvant image-guided helical intensity modulated radiotherapy of extremity sarcomas – a single center experience. Radiation Oncology, 2019, 14, 2.	2.7	14
22	MRI Radiomic Features Are Independently Associated With Overall Survival in Soft Tissue Sarcoma. Advances in Radiation Oncology, 2019, 4, 413-421.	1.2	48
23	CT-based radiomic features predict tumor grading and have prognostic value in patients with soft tissue sarcomas treated with neoadjuvant radiation therapy. Radiotherapy and Oncology, 2019, 135, 187-196.	0.6	57
24	Combining multimodal imaging and treatment features improves machine learning–based prognostic assessment in patients with glioblastoma multiforme. Cancer Medicine, 2019, 8, 128-136.	2.8	43
25	Shape-Aware Complementary-Task Learning for Multi-organ Segmentation. Lecture Notes in Computer Science, 2019, , 620-627.	1.3	34
26	Semantic imaging features predict disease progression and survival in glioblastoma multiforme patients. Strahlentherapie Und Onkologie, 2018, 194, 580-590.	2.0	36
27	Radiomics in radiooncology – Challenging the medical physicist. Physica Medica, 2018, 48, 27-36.	0.7	71
28	Treatment-related features improve machine learning prediction of prognosis in soft tissue sarcoma patients. Strahlentherapie Und Onkologie, 2018, 194, 824-834.	2.0	9
29	Epigenetic regulation of NFE2 overexpression in myeloproliferative neoplasms. Blood, 2018, 131, 2065-2073.	1.4	36
30	Dosimetric comparison of different radiation techniques (IMRT vs. 3-dimensional) of the "true"(deep) ano-inguinal lymphatic drainage of anal cancer patients. Radiation Oncology, 2018, 13, 227.	2.7	2
31	Impact of VMAT-IMRT compared to 3D conformal radiotherapy on anal sphincter dose distribution in neoadjuvant chemoradiation of rectal cancer. Radiation Oncology, 2018, 13, 237.	2.7	20
32	Dosimetric analysis and comparison of reduced longitudinal cranial margins of VMAT-IMRT of rectal cancer. Radiation Oncology, 2018, 13, 169.	2.7	3
33	"Radio-oncomics" Strahlentherapie Und Onkologie, 2017, 193, 767-779.	2.0	57
34	Integrating Hyperthermia into Modern Radiation Oncology: What Evidence Is Necessary?. Frontiers in Oncology, 2017, 7, 132.	2.8	107
35	MPN patients harbor recurrent truncating mutations in transcription factor NF-E2. Journal of Experimental Medicine, 2013, 210, 1003-1019.	8.5	69
36	Overexpression Of The Histone Demethylase JMJD1C In Polycythemia Vera Contributes To NF-E2 Overexpression Via Epigenetic Dysregulation and An Auto-Regulatory Loop. Blood, 2013, 122, 1602-1602.	1.4	2