

Jan C Peeken

List of Publications by Year in descending order

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Version: 2024-02-01

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	Integrating Hyperthermia into Modern Radiation Oncology: What Evidence Is Necessary?. <i>Frontiers in Oncology</i> , 2017, 7, 132.	2.8	107
2	Tumor grading of soft tissue sarcomas using MRI-based radiomics. <i>EBioMedicine</i> , 2019, 48, 332-340.	6.1	73
3	Radiomics in radiooncology – Challenging the medical physicist. <i>Physica Medica</i> , 2018, 48, 27-36.	0.7	71
4	MPN patients harbor recurrent truncating mutations in transcription factor NF-E2. <i>Journal of Experimental Medicine</i> , 2013, 210, 1003-1019.	8.5	69
5	“Radio-oncomics”. <i>Strahlentherapie Und Onkologie</i> , 2017, 193, 767-779.	2.0	57
6	CT-based radiomic features predict tumor grading and have prognostic value in patients with soft tissue sarcomas treated with neoadjuvant radiation therapy. <i>Radiotherapy and Oncology</i> , 2019, 135, 187-196.	0.6	57
7	MRI Radiomic Features Are Independently Associated With Overall Survival in Soft Tissue Sarcoma. <i>Advances in Radiation Oncology</i> , 2019, 4, 413-421.	1.2	48
8	Combining multimodal imaging and treatment features improves machine learning-based prognostic assessment in patients with glioblastoma multiforme. <i>Cancer Medicine</i> , 2019, 8, 128-136.	2.8	43
9	Semantic imaging features predict disease progression and survival in glioblastoma multiforme patients. <i>Strahlentherapie Und Onkologie</i> , 2018, 194, 580-590.	2.0	36
10	Epigenetic regulation of NFE2 overexpression in myeloproliferative neoplasms. <i>Blood</i> , 2018, 131, 2065-2073.	1.4	36
11	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 Non-Tumor-Related Uptake and Tumor Positivity. <i>Journal of Nuclear Medicine</i> , 2021, 62, 1082-1088.	5.0	36
12	MRI-based delta-radiomics predicts pathologic complete response in high-grade soft-tissue sarcoma patients treated with neoadjuvant therapy. <i>Radiotherapy and Oncology</i> , 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. <i>Scientific Reports</i> , 2020, 10, 15625.	3.3	34
14	Shape-Aware Complementary-Task Learning for Multi-organ Segmentation. <i>Lecture Notes in Computer Science</i> , 2019, , 620-627.	1.3	34
15	Deep learning derived tumor infiltration maps for personalized target definition in Glioblastoma radiotherapy. <i>Radiotherapy and Oncology</i> , 2019, 138, 166-172.	0.6	28
16	A CT-based radiomics model to detect prostate cancer lymph node metastases in PSMA radioguided surgery patients. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2968-2977.	6.4	28
17	Prognostic Assessment in High-Grade Soft-Tissue Sarcoma Patients: A Comparison of Semantic Image Analysis and Radiomics. <i>Cancers</i> , 2021, 13, 1929.	3.7	25
18	Development and External Validation of Deep-Learning-Based Tumor Grading Models in Soft-Tissue Sarcoma Patients Using MR Imaging. <i>Cancers</i> , 2021, 13, 2866.	3.7	24

#	ARTICLE	IF	CITATIONS
19	Deep Learning Based HPV Status Prediction for Oropharyngeal Cancer Patients. <i>Cancers</i> , 2021, 13, 786.	3.7	23
20	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. <i>BMC Cancer</i> , 2019, 19, 742.	2.6	22
21	Impact of VMAT-IMRT compared to 3D conformal radiotherapy on anal sphincter dose distribution in neoadjuvant chemoradiation of rectal cancer. <i>Radiation Oncology</i> , 2018, 13, 237.	2.7	20
22	Comprehensive Analysis of Tumour Sub-Volumes for Radiomic Risk Modelling in Locally Advanced HNSCC. <i>Cancers</i> , 2020, 12, 3047.	3.7	19
23	Image-Guided Radiooncology: The Potential of Radiomics in Clinical Application. <i>Recent Results in Cancer Research</i> , 2020, 216, 773-794.	1.8	19
24	Neoadjuvant image-guided helical intensity modulated radiotherapy of extremity sarcomas – a single center experience. <i>Radiation Oncology</i> , 2019, 14, 2.	2.7	14
25	Treatment-related features improve machine learning prediction of prognosis in soft tissue sarcoma patients. <i>Strahlentherapie Und Onkologie</i> , 2018, 194, 824-834.	2.0	9
26	Definition and validation of a radiomics signature for loco-regional tumour control in patients with locally advanced head and neck squamous cell carcinoma. <i>Clinical and Translational Radiation Oncology</i> , 2021, 26, 62-70.	1.7	8
27	Nearest Neighbor-Based Strategy to Optimize Multi-View Triplet Network for Classification of Small-Sample Medical Imaging Data. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 586-600.	11.3	8
28	Oncological Outcome and Prognostic Factors of Surgery for Soft Tissue Sarcoma After Neoadjuvant or Adjuvant Radiation Therapy: A Retrospective Analysis over 15 Years. <i>Anticancer Research</i> , 2021, 41, 359-368.	1.1	5
29	Regularizing the DeepSurv Network Using Projection Loss for Medical Risk Assessment. <i>IEEE Access</i> , 2022, 10, 8005-8020.	4.2	5
30	Quality of life in patients treated with radiochemotherapy for primary diagnosis of anal cancer. <i>Scientific Reports</i> , 2022, 12, 4416.	3.3	5
31	Biomarker signatures for primary radiochemotherapy of locally advanced HNSCC – Hypothesis generation on a multicentre cohort of the DKTK-ROG. <i>Radiotherapy and Oncology</i> , 2022, 169, 8-14.	0.6	5
32	Dosimetric analysis and comparison of reduced longitudinal cranial margins of VMAT-IMRT of rectal cancer. <i>Radiation Oncology</i> , 2018, 13, 169.	2.7	3
33	Dosimetric comparison of different radiation techniques (IMRT vs. 3-dimensional) of the –(deep) ano-inguinal lymphatic drainage of anal cancer patients. <i>Radiation Oncology</i> , 2018, 13, 227.	2.7	2
34	Dosimetric comparison of organs at risk using different contouring guidelines for definition of the clinical target volume in anal cancer. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 368-375.	2.0	2
35	Overexpression Of The Histone Demethylase JMJD1C In Polycythemia Vera Contributes To NF-E2 Overexpression Via Epigenetic Dysregulation and An Auto-Regulatory Loop. <i>Blood</i> , 2013, 122, 1602-1602.	1.4	2
36	Predictive value of clinical and 18F-FDG-PET/CT derived imaging parameters in patients undergoing neoadjuvant chemoradiation for esophageal squamous cell carcinoma. <i>Scientific Reports</i> , 2022, 12, 7148.	3.3	2