

# Claus Belka

## List of Publications by Year in descending order

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Version: 2024-02-01

245  
papers

6,755  
citations

94433

37  
h-index

95266

68  
g-index

254  
all docs

254  
docs citations

254  
times ranked

8504  
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential role of residual metabolic tumor volume in inoperable stage III NSCLC after chemoradiotherapy±immune checkpoint inhibition. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 1407-1416.	6.4	5
2	Outcome after PSMA-PET/CT-based salvage radiotherapy for nodal recurrence after radical prostatectomy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 1417-1428.	6.4	13
3	Analyses of molecular subtypes and their association to mechanisms of radioresistance in patients with HPV-negative HNSCC treated by postoperative radiochemotherapy. <i>Radiotherapy and Oncology</i> , 2022, 167, 300-307.	0.6	5
4	European Society for Radiotherapy and Oncology Advisory Committee in Radiation Oncology Practice consensus recommendations on patient selection and dose and fractionation for external beam radiotherapy in early breast cancer. <i>Lancet Oncology</i> , The, 2022, 23, e21-e31.	10.7	117
5	Dosimetric impact of deep learning-based CT auto-segmentation on radiation therapy treatment planning for prostate cancer. <i>Radiation Oncology</i> , 2022, 17, 21.	2.7	12
6	MR-guided SBRT boost for patients with locally advanced or recurrent gynecological cancers ineligible for brachytherapy: feasibility and early clinical experience. <i>Radiation Oncology</i> , 2022, 17, 8.	2.7	15
7	MR-guided radiotherapy in node-positive non-small cell lung cancer and severely limited pulmonary reserve: a report proposing a new clinical pathway for the management of high-risk patients. <i>Radiation Oncology</i> , 2022, 17, 43.	2.7	9
8	Longitudinal [18F]GE-180 PET Imaging Facilitates In Vivo Monitoring of TSPO Expression in the GL261 Glioblastoma Mouse Model. <i>Biomedicines</i> , 2022, 10, 738.	3.2	8
9	Offline and online LSTM networks for respiratory motion prediction in MR-guided radiotherapy. <i>Physics in Medicine and Biology</i> , 2022, 67, 095006.	3.0	14
10	<sup>18</sup> F-rhPSMA-7 PET for the Detection of Biochemical Recurrence of Prostate Cancer After Curative-Intent Radiation Therapy: A Bicentric Retrospective Study. <i>Journal of Nuclear Medicine</i> , 2022, 63, 1208-1214.	5.0	2
11	Evaluation of an anthropomorphic ion chamber and 3D gel dosimetry head phantom at a 0.35 T MR-linac using separate 1.5 T MR-scanners for gel readout. <i>Zeitschrift Fur Medizinische Physik</i> , 2022, , .	1.5	3
12	Primary radiation therapy in stage I/II indolent orbital lymphoma – a comprehensive retrospective recurrence and toxicity analysis. <i>European Journal of Haematology</i> , 2022, , .	2.2	0
13	Dosimetric benefit of MR-guided online adaptive radiotherapy in different tumor entities: liver, lung, abdominal lymph nodes, pancreas and prostate. <i>Radiation Oncology</i> , 2022, 17, 53.	2.7	24
14	Radiotherapy in oligometastatic prostate cancer – a pattern of care survey among members of the German Society for Radiation Oncology (DEGRO). <i>Strahlentherapie Und Onkologie</i> , 2022, 198, 727-734.	2.0	3
15	Biomarker signatures for primary radiochemotherapy of locally advanced HNSCC – Hypothesis generation on a multicentre cohort of the DTKK-ROG. <i>Radiotherapy and Oncology</i> , 2022, 169, 8-14.	0.6	5
16	Dose escalation to hypoxic subvolumes in head and neck cancer: A randomized phase II study using dynamic [18F]FMISO PET/CT. <i>Radiotherapy and Oncology</i> , 2022, 171, 30-36.	0.6	22
17	Therapy-Related Transcriptional Subtypes in Matched Primary and Recurrent Head and Neck Cancer. <i>Clinical Cancer Research</i> , 2022, 28, 1038-1052.	7.0	13
18	Distress in hospitalized cancer patients: Associations with personality traits, clinical and psychosocial characteristics. <i>Psycho-Oncology</i> , 2022, 31, 770-778.	2.3	4

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19	Pooled analysis on image-guided moderately hypofractionated thoracic irradiation in inoperable node-positive/recurrent patients with non-small cell lung cancer with poor prognostic factors and severely limited pulmonary function and reserve. <i>Cancer</i> , 2022, 128, 2358-2366.	4.1	1
20	Integrative analysis of therapy resistance and transcriptomic profiling data in glioblastoma cells identifies sensitization vulnerabilities for combined modality radiochemotherapy. <i>Radiation Oncology</i> , 2022, 17, 79.	2.7	3
21	Development and validation of a 6-gene signature for the prognosis of loco-regional control in patients with HPV-negative locally advanced HNSCC treated by postoperative radio(chemo)therapy. <i>Radiotherapy and Oncology</i> , 2022, 171, 91-100.	0.6	4
22	Single-isocenter stereotactic radiosurgery for multiple brain metastases: Impact of patient misalignments on target coverage in non-coplanar treatments. <i>Zeitschrift Fur Medizinische Physik</i> , 2022, 32, 296-311.	1.5	5
23	Treatment patterns and prognosis in inoperable stage III NSCLC after concurrent chemoradiotherapy with or without immune checkpoint inhibition: Historical overview. <i>Journal of Clinical Oncology</i> , 2022, 40, e20578-e20578.	1.6	0
24	Propensity-matched analysis of concurrent/sequential versus sequential immune checkpoint inhibition in inoperable stage III NSCLC patients treated with chemoradiotherapy. <i>Journal of Clinical Oncology</i> , 2022, 40, e20589-e20589.	1.6	0
25	Absence of CD4 and CD8 T cell expansion after primary multimodal treatment predicts early progression in inoperable stage III NSCLC. <i>Journal of Clinical Oncology</i> , 2022, 40, e20590-e20590.	1.6	0
26	Pattern of failure in inoperable stage III non-small cell lung cancer patients treated with chemoradiotherapy with/without immune checkpoint inhibition. <i>Journal of Clinical Oncology</i> , 2022, 40, e20570-e20570.	1.6	0
27	[F18] FDG-PET/CT for manual or semiautomated GTV delineation of the primary tumor for radiation therapy planning in patients with esophageal cancer: is it useful?. <i>Strahlentherapie Und Onkologie</i> , 2021, 197, 780-790.	2.0	1
28	Deformable image registration of the treatment planning CT with proton radiographies in perspective of adaptive proton therapy. <i>Physics in Medicine and Biology</i> , 2021, 66, 045008.	3.0	9
29	Mammary Chain Irradiation in Left-Sided Breast Cancer: Can We Reduce the Risk of Secondary Cancer and Ischaemic Heart Disease with Modern Intensity-Modulated Radiotherapy Techniques?. <i>Breast Care</i> , 2021, 16, 358-367.	1.4	4
30	First Clinical Results for PSMA-Targeted $^{225}\text{Ac}$ -PSMA-I&T in Advanced-mCRPC Patients. <i>Journal of Nuclear Medicine</i> , 2021, 62, 669-674.	5.0	87
31	Variance-based sensitivity analysis for uncertainties in proton therapy: A framework to assess the effect of simultaneous uncertainties in range, positioning, and RBE model predictions on RBE-weighted dose distributions. <i>Medical Physics</i> , 2021, 48, 805-818.	3.0	5
32	ESTRO ACROP guideline for target volume delineation of skull base tumors. <i>Radiotherapy and Oncology</i> , 2021, 156, 80-94.	0.6	41
33	ESTRO ACROP guidelines for target volume definition in pancreatic cancer. <i>Radiotherapy and Oncology</i> , 2021, 154, 60-69.	0.6	36
34	Prostate-specific Membrane Antigen Positron Emission Tomography-detected Oligorecurrent Prostate Cancer Treated with Metastases-directed Radiotherapy: Role of Addition and Duration of Androgen Deprivation. <i>European Urology Focus</i> , 2021, 7, 309-316.	3.1	34
35	Radiation to the Primary Tumor in Metastatic Anaplastic Thyroid Cancer. <i>In Vivo</i> , 2021, 35, 461-465.	1.3	4
36	Radiation necrosis after a combination of external beam radiotherapy and iodine-125 brachytherapy in gliomas. <i>Radiation Oncology</i> , 2021, 16, 40.	2.7	3

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37	X-change symposium: status and future of modern radiation oncologyâ€”from technology to biology. Radiation Oncology, 2021, 16, 27.	2.7	1
38	Current status and recent advances in reirradiation of glioblastoma. Radiation Oncology, 2021, 16, 36.	2.7	80
39	Porcine lung phantom-based validation of estimated 4D-MRI using orthogonal cine imaging for low-field MR-Linacs. Physics in Medicine and Biology, 2021, 66, 055006.	3.0	15
40	Accounting for prompt gamma emission and detection for range verification in proton therapy treatment planning. Physics in Medicine and Biology, 2021, 66, 055005.	3.0	3
41	Feasibility and Early Clinical Experience of Online Adaptive MR-Guided Radiotherapy of Liver Tumors. Cancers, 2021, 13, 1523.	3.7	37
42	PET/CT imaging for evaluation of multimodal treatment efficacy and toxicity in advanced NSCLCâ€”current state and future directions. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 3975-3989.	6.4	25
43	Inhibition of HSP90 as a Strategy to Radiosensitize Glioblastoma: Targeting the DNA Damage Response and Beyond. Frontiers in Oncology, 2021, 11, 612354.	2.8	12
44	Real-world prospective analysis of treatment patterns in durvalumab maintenance after chemoradiotherapy in unresectable, locally advanced NSCLC patients. Investigational New Drugs, 2021, 39, 1189-1196.	2.6	25
45	Distant metastasis time to event analysis with CNNs in independent head and neck cancer cohorts. Scientific Reports, 2021, 11, 6418.	3.3	19
46	Durvalumab after Chemoradiotherapy for PD-L1 Expressing Inoperable Stage III NSCLC Leads to Significant Improvement of Local-Regional Control and Overall Survival in the Real-World Setting. Cancers, 2021, 13, 1613.	3.7	18
47	Radiotherapy of oligometastatic prostate cancer: a systematic review. Radiation Oncology, 2021, 16, 50.	2.7	37
48	Neoadjuvant Chemoradiation Combined with Regional Hyperthermia in Locally Advanced or Recurrent Rectal Cancer. Cancers, 2021, 13, 1279.	3.7	21
49	Simultaneous stereotactic radiosurgery of multiple brain metastases using single-isocenter dynamic conformal arc therapy: aâ€”prospective monocentric registry trial. Strahlentherapie Und Onkologie, 2021, 197, 601-613.	2.0	11
50	Current status and recent advances in resection cavity irradiation of brain metastases. Radiation Oncology, 2021, 16, 73.	2.7	27
51	Combining 68Ga-PSMA-PET/CT-Directed and Elective Radiation Therapy Improves Outcome in Oligorecurrent Prostate Cancer: A Retrospective Multicenter Study. Frontiers in Oncology, 2021, 11, 640467.	2.8	11
52	Prognostic impact of inflammatory profiling during and after multimodal treatment for stage III NSCLC.. Journal of Clinical Oncology, 2021, 39, e20559-e20559.	1.6	0
53	Association of planning target volume with disease progression in inoperable stage III non-small cell lung cancer patients treated with chemoradiotherapy and concurrent and/or sequential immune checkpoint inhibition.. Journal of Clinical Oncology, 2021, 39, e20557-e20557.	1.6	0
54	Longitudinal analysis of dynamic changes of T-lymphocytes during multimodal treatment of patients with inoperable stage III NSCLC.. Journal of Clinical Oncology, 2021, 39, e20503-e20503.	1.6	0

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55	Differential role of residual metabolic tumor volume in patients with inoperable stage III NSCLC after chemoradiotherapy ± immune checkpoint inhibition.. Journal of Clinical Oncology, 2021, 39, e20558-e20558.	1.6	0
56	Comparison of liver exposure in CT-guided high-dose rate (HDR) interstitial brachytherapy versus SBRT in hepatocellular carcinoma. Radiation Oncology, 2021, 16, 86.	2.7	11
57	MLKL promotes cellular differentiation in myeloid leukemia by facilitating the release of G-CSF. Cell Death and Differentiation, 2021, 28, 3235-3250.	11.2	9
58	Feasibility of hypofractionated radiotherapy in inoperable node-positive NSCLC patients with poor prognostic factors and limited pulmonary reserve: a prospective observational study. Acta Oncologica, 2021, 60, 1074-1078.	1.8	2
59	Patient-Reported and Oncological Outcomes of Salvage Therapies for PSMA-Positive Nodal Recurrent Prostate Cancer: Real-Life Experiences and Implications for Future Trial Design. Frontiers in Oncology, 2021, 11, 708595.	2.8	3
60	Measurement-based range evaluation for quality assurance of CBCT-based dose calculations in adaptive proton therapy. Medical Physics, 2021, 48, 4148-4159.	3.0	8
61	Outcomes of metastasis-directed therapy of bone oligometastatic prostate cancer. Radiation Oncology, 2021, 16, 125.	2.7	17
62	ESTRO-ACROP recommendations on the clinical implementation of hybrid MR-linac systems in radiation oncology. Radiotherapy and Oncology, 2021, 159, 146-154.	0.6	37
63	Dosimetric comparison of MR-linac-based IMRT and conventional VMAT treatment plans for prostate cancer. Radiation Oncology, 2021, 16, 133.	2.7	23
64	Validation of the collapsed cone algorithm for HDR liver brachytherapy against Monte Carlo simulations. Brachytherapy, 2021, 20, 936-947.	0.5	1
65	Validation of proton dose calculation on scatter corrected 4D cone beam computed tomography using a porcine lung phantom. Physics in Medicine and Biology, 2021, 66, 175022.	3.0	6
66	Multimodal therapy of cavernous sinus meningioma: impact of surgery and 68Ga-DOTATATE PET-guided radiation therapy on tumor control and functional outcome. Neuro-Oncology Advances, 2021, 3, v14.	0.7	2
67	Multifocal high-grade glioma radiotherapy safety and efficacy. Radiation Oncology, 2021, 16, 165.	2.7	11
68	HDR Brachytherapy and SBRT as Bridging Therapy to Liver Transplantation in HCC Patients: A Single-Center Experience. Frontiers in Oncology, 2021, 11, 717792.	2.8	8
69	Risk Stratification Using 18F-FDG PET/CT and Artificial Neural Networks in Head and Neck Cancer Patients Undergoing Radiotherapy. Diagnostics, 2021, 11, 1581.	2.6	5
70	Planning target volume as a predictor of disease progression in inoperable stage III non-small cell lung cancer patients treated with chemoradiotherapy and concurrent and/or sequential immune checkpoint inhibition. Investigational New Drugs, 2021, , 1.	2.6	5
71	Forging a Path for Metformin Use in Inoperable Locally Advanced Non-Small Cell Lung Cancer. JAMA Oncology, 2021, 7, 1341.	7.1	6
72	ESTRO ACROP guidelines for the delineation of lymph nodal areas in upper gastrointestinal malignancies. Radiotherapy and Oncology, 2021, 164, 92-97.	0.6	4

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73	Patient positioning and immobilization procedures for hybrid MR-Linac systems. <i>Radiation Oncology</i> , 2021, 16, 183.	2.7	26
74	A Multi-Institutional Analysis of Prostate Cancer Patients With or Without 68Ga-PSMA PET/CT Prior to Salvage Radiotherapy of the Prostatic Fossa. <i>Frontiers in Oncology</i> , 2021, 11, 723536.	2.8	5
75	Characterization of immune landscape in papillary thyroid cancer reveals distinct tumor immunogenicity and implications for immunotherapy. <i>Oncolmunology</i> , 2021, 10, e1964189.	4.6	24
76	Identification and validation of hypoxia-derived gene signatures to predict clinical outcomes and therapeutic responses in stage I lung adenocarcinoma patients. <i>Theranostics</i> , 2021, 11, 5061-5076.	10.0	48
77	A Privacy-Preserving Log-Rank Test for the Kaplan-Meier Estimator With Secure Multiparty Computation: Algorithm Development and Validation. <i>JMIR Medical Informatics</i> , 2021, 9, e22158.	2.6	3
78	Analysis of clonogenic growth in vitro. <i>Nature Protocols</i> , 2021, 16, 4963-4991.	12.0	45
79	Combining inter-observer variability, range and setup uncertainty in a variance-based sensitivity analysis for proton therapy. <i>Physics and Imaging in Radiation Oncology</i> , 2021, 20, 117-120.	2.9	5
80	PSMA PET Imaging in Glioblastoma: A Preclinical Evaluation and Theranostic Outlook. <i>Frontiers in Oncology</i> , 2021, 11, 774017.	2.8	10
81	Novel modified patient immobilisation device with an integrated coil support system for MR-guided online adaptive radiotherapy in the management of brain and head-and-neck tumours. <i>Technical Innovations and Patient Support in Radiation Oncology</i> , 2021, 20, 35-40.	1.9	3
82	Early senescence and production of senescence-associated cytokines are major determinants of radioresistance in head-and-neck squamous cell carcinoma. <i>Cell Death and Disease</i> , 2021, 12, 1162.	6.3	23
83	Interstitial High-Dose-Rate Brachytherapy of Liver Metastases in Oligometastatic Patients. <i>Cancers</i> , 2021, 13, 6250.	3.7	6
84	Cathepsin D Expression and Gemcitabine Resistance in Pancreatic Cancer. <i>JNCI Cancer Spectrum</i> , 2020, 4, pkz060.	2.9	7
85	Stereotactic body radiotherapy in patients with hepatocellular carcinoma in a multimodal treatment setting. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 334-348.	2.0	6
86	Volumetric and actuarial analysis of brain necrosis in proton therapy using a novel mixture cure model. <i>Radiotherapy and Oncology</i> , 2020, 142, 154-161.	0.6	30
87	Margin reduction in radiotherapy for glioblastoma through 18F-fluoroethyltyrosine PET? A recurrence pattern analysis. <i>Radiotherapy and Oncology</i> , 2020, 145, 49-55.	0.6	23
88	External Validation of a Survival Score for Limited-Stage Small Cell Lung Cancer Patients Treated with Chemoradiotherapy. <i>Lung</i> , 2020, 198, 201-206.	3.3	4
89	Definitive chemoradiotherapy in patients with squamous cell cancers of the head and neck - results from an unselected cohort of the clinical cooperation group "Personalized Radiotherapy in Head and Neck Cancer". <i>Radiation Oncology</i> , 2020, 15, 7.	2.7	28
90	Prognostic value of PD-L1 expression on tumor cells combined with CD8+ TIL density in patients with locally advanced non-small cell lung cancer treated with concurrent chemoradiotherapy. <i>Radiation Oncology</i> , 2020, 15, 5.	2.7	28

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91	A Novel Gene Signature-Based Model Predicts Biochemical Recurrence-Free Survival in Prostate Cancer Patients after Radical Prostatectomy. <i>Cancers</i> , 2020, 12, 1.	3.7	300
92	Priming of Anti-tumor Immune Mechanisms by Radiotherapy Is Augmented by Inhibition of Heat Shock Protein 90. <i>Frontiers in Oncology</i> , 2020, 10, 1668.	2.8	5
93	Tumor microenvironment characterization in head and neck squamous carcinoma reveals distinct genomic alterations and clinical outcomes. <i>Clinical and Translational Medicine</i> , 2020, 10, e187.	4.0	2
94	Maximum standardized uptake value of primary tumor (SUVmax_PT) and horizontal range between two most distant PET-positive lymph nodes predict patient outcome in inoperable stage III NSCLC patients after chemoradiotherapy. <i>Translational Lung Cancer Research</i> , 2020, 9, 541-548.	2.8	5
95	Chemoradioimmunotherapy of inoperable stage III non-small cell lung cancer: immunological rationale and current clinical trials establishing a novel multimodal strategy. <i>Radiation Oncology</i> , 2020, 15, 167.	2.7	29
96	SARS-CoV-2 prevalence in an asymptomatic cancer cohort - results and consequences for clinical routine. <i>Radiation Oncology</i> , 2020, 15, 165.	2.7	11
97	Outcome After 68Ga-PSMA-11 versus Choline PET-Based Salvage Radiotherapy in Patients with Biochemical Recurrence of Prostate Cancer: A Matched-Pair Analysis. <i>Cancers</i> , 2020, 12, 3395.	3.7	7
98	Anthropomorphic lung phantom based validation of in-room proton therapy 4D-CBCT image correction for dose calculation. <i>Zeitschrift Fur Medizinische Physik</i> , 2020, 32, 74-74.	1.5	7
99	Multimodal "synergistic" treatment based on tumour immunological contexture for advanced non-driver non-small cell lung cancer: A myth or reality?. <i>European Journal of Cancer Care</i> , 2020, 29, e13291.	1.5	1
100	Association of Planning Target Volume with Patient Outcome in Inoperable Stage III NSCLC Treated with Chemoradiotherapy: A Comprehensive Single-Center Analysis. <i>Cancers</i> , 2020, 12, 3035.	3.7	10
101	Hypofractionated Radiotherapy for Anaplastic Thyroid Cancer: Systematic Review and Pooled Analysis. <i>Cancers</i> , 2020, 12, 2506.	3.7	11
102	Radiotherapy in oncological emergencies: fast-track treatment planning. <i>Radiation Oncology</i> , 2020, 15, 215.	2.7	5
103	Radiation-induced lung toxicity "cellular and molecular mechanisms of pathogenesis, management, and literature review. <i>Radiation Oncology</i> , 2020, 15, 214.	2.7	103
104	Long-term outcome of stereotactic brachytherapy with temporary Iodine-125 seeds in patients with WHO grade II gliomas. <i>Radiation Oncology</i> , 2020, 15, 275.	2.7	5
105	Clinical Outcome and Toxicity in the Treatment of Anaplastic Thyroid Cancer in Elderly Patients. <i>Journal of Clinical Medicine</i> , 2020, 9, 3231.	2.4	2
106	RADIANCE "Radiochemotherapy with or without Durvalumab in the treatment of anal squamous cell carcinoma: A randomized multicenter phase II trial. <i>Clinical and Translational Radiation Oncology</i> , 2020, 23, 43-49.	1.7	16
107	Implementation of durvalumab maintenance treatment after concurrent chemoradiotherapy in inoperable stage III non-small cell lung cancer (NSCLC)" a German radiation oncology survey. <i>Translational Lung Cancer Research</i> , 2020, 9, 288-293.	2.8	6
108	Establishment and Validation of an Individualized Cell Cycle Process-Related Gene Signature to Predict Cancer-Specific Survival in Patients with Bladder Cancer. <i>Cancers</i> , 2020, 12, 1146.	3.7	8

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109	Pattern-of-failure and salvage treatment analysis after chemoradiotherapy for inoperable stage III non-small cell lung cancer. <i>Radiation Oncology</i> , 2020, 15, 148.	2.7	17
110	Modeling RBE-weighted dose variations in irregularly moving abdominal targets treated with carbon ion beams. <i>Medical Physics</i> , 2020, 47, 2768-2778.	3.0	7
111	Prognostic risk classification for biochemical relapse-free survival in patients with oligorecurrent prostate cancer after [68Ga]PSMA-PET-guided metastasis-directed therapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2328-2338.	6.4	13
112	The dosimetric impact of replacing the TG-43 algorithm by model based dose calculation for liver brachytherapy. <i>Radiation Oncology</i> , 2020, 15, 60.	2.7	10
113	Three-dimensional surface imaging in breast cancer: a new tool for clinical studies?. <i>Radiation Oncology</i> , 2020, 15, 52.	2.7	14
114	Practice Recommendations for Lung Cancer Radiotherapy During the COVID-19 Pandemic: An ESTRO-ASTRO Consensus Statement. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 107, 631-640.	0.8	40
115	Patient-specific CT calibration based on ion radiography for different detector configurations in $^1\text{H}$ , $^4\text{He}$ and $^{12}\text{C}$ ion pencil beam scanning. <i>Physics in Medicine and Biology</i> , 2020, 65, 245014.	3.0	7
116	Magnetic resonance-guided radiation therapy: the beginning of a new era. <i>Radiation Oncology</i> , 2020, 15, 163.	2.7	6
117	Stereotactic radiosurgery combined with targeted/ immunotherapy in patients with melanoma brain metastasis. <i>Radiation Oncology</i> , 2020, 15, 37.	2.7	26
118	Contrast-enhanced, conebeam CT-based, fractionated radiotherapy and follow-up monitoring of orthotopic mouse glioblastoma: a proof-of-concept study. <i>Radiation Oncology</i> , 2020, 15, 19.	2.7	8
119	Real-time 4DMRI-based internal target volume definition for moving lung tumors. <i>Medical Physics</i> , 2020, 47, 1431-1442.	3.0	20
120	Impact of a low FODMAP diet on the amount of rectal gas and rectal volume during radiotherapy in patients with prostate cancer – a prospective pilot study. <i>Radiation Oncology</i> , 2020, 15, 27.	2.7	7
121	Blood Parameters Demonstrating a Significant Survival Impact in Patients With Locally Advanced NSCLC Undergoing Definitive Chemoradiotherapy. <i>Anticancer Research</i> , 2020, 40, 2319-2322.	1.1	4
122	Efficacy of PSMA ligand PET-based radiotherapy for recurrent prostate cancer after radical prostatectomy and salvage radiotherapy. <i>BMC Cancer</i> , 2020, 20, 362.	2.6	20
123	PSMA-positive nodal recurrence in prostate cancer. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 637-646.	2.0	7
124	Comparison of GeneChip, nCounter, and Real-Time PCR-Based Gene Expressions Predicting Locoregional Tumor Control after Primary and Postoperative Radiochemotherapy in Head and Neck Squamous Cell Carcinoma. <i>Journal of Molecular Diagnostics</i> , 2020, 22, 801-810.	2.8	10
125	Practice recommendations for lung cancer radiotherapy during the COVID-19 pandemic: An ESTRO-ASTRO consensus statement. <i>Radiotherapy and Oncology</i> , 2020, 146, 223-229.	0.6	168
126	Dosimetric impact of geometric distortions in an MRI-only proton therapy workflow for lung, liver and pancreas. <i>Zeitschrift Fur Medizinische Physik</i> , 2020, , .	1.5	2



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127	Heart sparing radiotherapy in breast cancer: the importance of baseline cardiac risks. <i>Radiation Oncology</i> , 2020, 15, 117.	2.7	18
128	The impact of residual metabolic primary tumor volume after completion of thoracic irradiation in patients with inoperable stage III NSCLC.. <i>Journal of Clinical Oncology</i> , 2020, 38, 9049-9049.	1.6	1
129	4-miRNA signature combined with MGMT methylation status in glioblastoma: A multicentric retrospective biomarker analysis with accompanying prospective cohort study.. <i>Journal of Clinical Oncology</i> , 2020, 38, 2517-2517.	1.6	0
130	Dynamic changes of lymphocyte subsets during multimodal treatment of patients with inoperable stage III NSCLC.. <i>Journal of Clinical Oncology</i> , 2020, 38, e21011-e21011.	1.6	0
131	Propensity score matching analysis of patients with inoperable stage III NSCLC treated with chemoradio- vs. chemoradioimmunotherapy.. <i>Journal of Clinical Oncology</i> , 2020, 38, e21087-e21087.	1.6	0
132	Optimizing the Analytical Value of Oncology-Related Data Based on an In-Memory Analysis Layer: Development and Assessment of the Munich Online Comprehensive Cancer Analysis Platform. <i>Journal of Medical Internet Research</i> , 2020, 22, e16533.	4.3	3
133	Pattern of care of adjuvant radiotherapy in male breast cancer patients in clinical practice: an observational study. <i>Strahlentherapie Und Onkologie</i> , 2019, 195, 289-296.	2.0	7
134	Dose variability in different lymph node levels during locoregional breast cancer irradiation: the impact of deep-inspiration breath hold. <i>Strahlentherapie Und Onkologie</i> , 2019, 195, 13-20.	2.0	20
135	Does deep inspiration breath-hold prolong life? Individual risk estimates of ischaemic heart disease after breast cancer radiotherapy. <i>Radiotherapy and Oncology</i> , 2019, 131, 202-207.	0.6	65
136	Outcome After PSMA PET/CTâ€“Based Salvage Radiotherapy in Patients with Biochemical Recurrence After Radical Prostatectomy: A 2-Institution Retrospective Analysis. <i>Journal of Nuclear Medicine</i> , 2019, 60, 227-233.	5.0	61
137	Pancreatic ductal adenocarcinoma: biological hallmarks, current status, and future perspectives of combined modality treatment approaches. <i>Radiation Oncology</i> , 2019, 14, 141.	2.7	285
138	Baseline T1 hyperintense and diffusion-restricted lesions are not linked to prolonged survival in bevacizumab-treated glioblastoma patients of the GLARIUS trial. <i>Journal of Neuro-Oncology</i> , 2019, 144, 501-509.	2.9	1
139	Optimization of Phase Space files from clinical linear accelerators. <i>Physica Medica</i> , 2019, 64, 54-68.	0.7	5
140	Evaluation of proton and photon dose distributions recalculated on 2D and 3D Unet-generated pseudoCTs from T1-weighted MR head scans. <i>Acta OncolÃ³gica</i> , 2019, 58, 1429-1434.	1.8	33
141	Towards a novel small animal proton irradiation platform: the SIRMIO project. <i>Acta OncolÃ³gica</i> , 2019, 58, 1470-1475.	1.8	27
142	Impact of surface-guided positioning on the use of portal imaging and initial set-up duration in breast cancer patients. <i>Strahlentherapie Und Onkologie</i> , 2019, 195, 964-971.	2.0	13
143	Report of first recurrent glioma patients examined with PET-MRI prior to re-irradiation. <i>PLoS ONE</i> , 2019, 14, e0216111.	2.5	7
144	Bevacizumab reduces toxicity of reirradiation in recurrent high-grade glioma. <i>Radiotherapy and Oncology</i> , 2019, 138, 99-105.	0.6	34

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