

JÃ¼rgen Debus

List of Publications by Year in descending order

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Version: 2024-02-01

391
papers

17,492
citations

25034

57
h-index

20358

116
g-index

402
all docs

402
docs citations

402
times ranked

17643
citing authors

#	ARTICLE	IF	CITATIONS
1	Vaginal cancer treated with curative radiotherapy with or without concomitant chemotherapy: oncologic outcomes and prognostic factors. <i>Tumori</i> , 2023, 109, 112-120.	1.1	3
2	Mutations in TP53 or DNA damage repair genes define poor prognostic subgroups in primary prostate cancer. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2022, 40, 8.e11-8.e18.	1.6	8
3	Stereotactic body radiotherapy of lymph node metastases under MR-guidance: First clinical results and patient-reported outcomes. <i>Strahlentherapie Und Onkologie</i> , 2022, 198, 56-65.	2.0	8
4	Radioresistance and Transcriptional Reprogramming of Invasive Glioblastoma Cells. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 112, 499-513.	0.8	10
5	Combined DNA Damage Repair Interference and Ion Beam Therapy: Development, Benchmark, and Clinical Implications of a Mechanistic Biological Model. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 112, 802-817.	0.8	6
6	High-Complexity cellular barcoding and clonal tracing reveals stochastic and deterministic parameters of radiation resistance. <i>International Journal of Cancer</i> , 2022, 150, 663-677.	5.1	3
7	Dual-layer spectral CT for proton, helium, and carbon ion beam therapy planning of brain tumors. <i>Journal of Applied Clinical Medical Physics</i> , 2022, 23, .	1.9	3
8	Human mesenchymal stromal cells maintain their stem cell traits after high-LET particle irradiation – Potential implications for particle radiotherapy and manned space missions. <i>Cancer Letters</i> , 2022, 524, 172-181.	7.2	2
9	Ultra-High Dose Rate (FLASH) Carbon Ion Irradiation: Dosimetry and First Cell Experiments. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 112, 1012-1022.	0.8	39
10	Stereotactic radiosurgery for brain metastases from pelvic gynecological malignancies: oncologic outcomes, validation of prognostic scores, and dosimetric evaluation. <i>International Journal of Gynecological Cancer</i> , 2022, 32, 172-180.	2.5	2
11	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
12	Influence of photon, proton and carbon ion irradiation on differentiation, maturation and functionality of dendritic cells. <i>Frontiers in Bioscience - Scholar</i> , 2022, 14, 1.	2.1	5
13	Quality assurance for on-table adaptive magnetic resonance guided radiation therapy: A software tool to complement secondary dose calculation and failure modes discovered in clinical routine. <i>Journal of Applied Clinical Medical Physics</i> , 2022, 23, e13523.	1.9	14
14	Deep Learning-based Automatic Lung Segmentation on Multiresolution CT Scans from Healthy and Fibrotic Lungs in Mice. <i>Radiology: Artificial Intelligence</i> , 2022, 4, e210095.	5.8	6
15	Radiation induced contrast enhancement after proton beam therapy in patients with low grade glioma – How safe are protons?. <i>Radiotherapy and Oncology</i> , 2022, 167, 211-218.	0.6	27
16	SMART ablation of lymphatic oligometastases in the pelvis and abdomen: Clinical and dosimetry outcomes. <i>Radiotherapy and Oncology</i> , 2022, 168, 106-112.	0.6	10
17	How can we consider variable RBE and LETd prediction during clinical practice? A pediatric case report at the Normandy Proton Therapy Centre using an independent dose engine. <i>Radiation Oncology</i> , 2022, 17, 23.	2.7	4
18	Neuroprotective Effects of Ultra-High Dose Rate FLASH Bragg Peak Proton Irradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 113, 614-623.	0.8	13

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19	Biosensor for deconvolution of individual cell fate in response to ion beam irradiation. <i>Cell Reports Methods</i> , 2022, 2, 100169.	2.9	1
20	The Impact of Sub-Millisecond Damage Fixation Kinetics on the In Vitro Sparing Effect at Ultra-High Dose Rate in UNIVERSE. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2954.	4.1	6
21	Relative biological effectiveness of single and split helium ion doses in the rat spinal cord increases strongly with linear energy transfer. <i>Radiotherapy and Oncology</i> , 2022, 170, 224-230.	0.6	5
22	Radiotherapy orchestrates natural killer cell dependent antitumor immune responses through CXCL8. <i>Science Advances</i> , 2022, 8, eabh4050.	10.3	55
23	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
24	Cetuximab, gemcitabine and radiotherapy in locally advanced pancreatic cancer: Long-term results of the randomized controlled phase II PARC trial. <i>Clinical and Translational Radiation Oncology</i> , 2022, 34, 15-22.	1.7	6
25	Evaluation of radio-immunotherapy sequence on immunological responses and clinical outcomes in patients with melanoma brain metastases (ELEKTRA). <i>Oncolmmunology</i> , 2022, 11, 2066609.	4.6	13
26	Potential of a Second-Generation Dual-Layer Spectral CT for Dose Calculation in Particle Therapy Treatment Planning. <i>Frontiers in Oncology</i> , 2022, 12, 853495.	2.8	5
27	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
28	Secondary Malignancy Risk Following Proton vs. X-ray Radiotherapy of Thymic Epithelial Tumors: A Comparative Modeling Study of Thoracic Organ-Specific Cancer Risk. <i>Cancers</i> , 2022, 14, 2409.	3.7	2
29	Return to Work, Fatigue and Cancer Rehabilitation after Curative Radiotherapy and Radiochemotherapy for Pelvic Gynecologic Cancer. <i>Cancers</i> , 2022, 14, 2330.	3.7	3
30	Radiation-induced contrast enhancement following proton radiotherapy for low-grade glioma depends on tumor characteristics and is rarer in children than adults. <i>Radiotherapy and Oncology</i> , 2022, 172, 54-64.	0.6	9
31	Biological Dose Optimization for Particle Arc Therapy Using Helium and Carbon Ions. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 114, 334-348.	0.8	6
32	EPEN-15. Radiotherapy with helium ions has the potential to improve both endocrine and neurocognitive outcome in pediatric patients with ependymoma. <i>Neuro-Oncology</i> , 2022, 24, i41-i41.	1.2	0
33	Clinical outcome of PSMA-guided radiotherapy for patients with oligorecurrent prostate cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 143-151.	6.4	25
34	Intensity Modulated Radiation Therapy (IMRT) With Simultaneously Integrated Boost Shortens Treatment Time and Is Noninferior to Conventional Radiation Therapy Followed by Sequential Boost in Adjuvant Breast Cancer Treatment: Results of a Large Randomized Phase III Trial (IMRT-MC2 Trial). <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 1311-1324.	0.8	37
35	Differential transcriptome response to proton versus X-ray radiation reveals novel candidate targets for combinatorial PT therapy in lymphoma. <i>Radiotherapy and Oncology</i> , 2021, 155, 293-303.	0.6	5
36	Impact of ⁶⁸ Ga-FAPI PET/CT Imaging on the Therapeutic Management of Primary and Recurrent Pancreatic Ductal Adenocarcinomas. <i>Journal of Nuclear Medicine</i> , 2021, 62, 779-786.	5.0	113

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37	Diagnostic Accuracy of ¹⁸ F-PSMA-1007 PET/CT Imaging for Lymph Node Staging of Prostate Carcinoma in Primary and Biochemical Recurrence. <i>Journal of Nuclear Medicine</i> , 2021, 62, 208-213.	5.0	77
38	Severe skin toxicity during whole-brain radiotherapy, targeted therapy, and additional drug intake including St. John's wort skin oil. <i>Strahlentherapie Und Onkologie</i> , 2021, 197, 644-649.	2.0	5
39	Intensity Modulated Radiotherapy with Carbon Ion Radiotherapy Boost for Acinic Cell Carcinoma of the Salivary Glands. <i>Cancers</i> , 2021, 13, 124.	3.7	1
40	MR-guided radiotherapy of moving targets. <i>Der Radiologe</i> , 2021, 61, 39-48.	1.7	6
41	<i>In Vivo</i> Evaluation of Combined CK2 Inhibition and Irradiation in Human WiDr Tumours. <i>In Vivo</i> , 2021, 35, 111-117.	1.3	1
42	A practical implementation of risk management for the clinical introduction of online adaptive Magnetic Resonance-guided radiotherapy. <i>Physics and Imaging in Radiation Oncology</i> , 2021, 17, 53-57.	2.9	28
43	How can scanned proton beam treatment planning for low-grade glioma cope with increased distal RBE and locally increased radiosensitivity for late MR-detected brain lesions?. <i>Medical Physics</i> , 2021, 48, 1497-1507.	3.0	17
44	Clinical results of fibroblast activation protein (FAP) specific PET for non-malignant indications: systematic review. <i>EJNMMI Research</i> , 2021, 11, 18.	2.5	33
45	X-change symposium: status and future of modern radiation oncology—from technology to biology. <i>Radiation Oncology</i> , 2021, 16, 27.	2.7	1
46	modelBuildR: an R package for model building and feature selection with erroneous classifications. <i>PeerJ</i> , 2021, 9, e10849.	2.0	3
47	Impact of FAPI-PET/CT on Target Volume Definition in Radiation Therapy of Locally Recurrent Pancreatic Cancer. <i>Cancers</i> , 2021, 13, 796.	3.7	32
48	Individualized 3D-Printed Tissue Retraction Devices for Head and Neck Radiotherapy. <i>Frontiers in Oncology</i> , 2021, 11, 628743.	2.8	7
49	Treatment outcomes of elderly salivary gland cancer patients undergoing radiotherapy—Results from a large multicenter analysis. <i>Radiotherapy and Oncology</i> , 2021, 156, 266-274.	0.6	7
50	Predicting the Risk of Metastases by PSMA-PET/CT—Evaluation of 335 Men with Treatment-Naïve Prostate Carcinoma. <i>Cancers</i> , 2021, 13, 1508.	3.7	8
51	[¹⁵³ Sm]Samarium-labeled FAPI-46 radioligand therapy in a patient with lung metastases of a sarcoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 3011-3013.	6.4	60
52	3D-printed individualized tooth-borne tissue retraction devices compared to conventional dental splints for head and neck cancer radiotherapy: a randomized controlled trial. <i>Radiation Oncology</i> , 2021, 16, 75.	2.7	5
53	Hypofractionated Radiotherapy With Simultaneous-integrated Boost After Breast-conserving Surgery Compared to Standard Boost-applications Using Helical Tomotherapy With TomoEdge. <i>Anticancer Research</i> , 2021, 41, 1909-1920.	1.1	3
54	PD-L1-R: A MR based surrogate for PD-L1 expression in Glioblastoma multiforme.. <i>Journal of Clinical Oncology</i> , 2021, 39, 2041-2041.	1.6	1

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55	Effectiveness of fractionated carbon ion treatments in three rat prostate tumors differing in growth rate, differentiation and hypoxia. <i>Radiotherapy and Oncology</i> , 2021, 158, 131-137.	0.6	2
56	KIF11 inhibitors filanesib and ispinesib inhibit meningioma growth in vitro and in vivo. <i>Cancer Letters</i> , 2021, 506, 1-10.	7.2	17
57	Knowledge bases and software support for variant interpretation in precision oncology. <i>Briefings in Bioinformatics</i> , 2021, 22, .	6.5	9
58	⁶⁸ Ga-FAPI-PET/CT in patients with various gynecological malignancies. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 4089-4100.	6.4	91
59	The role of combined ion-beam radiotherapy (CIBRT) with protons and carbon ions in a multimodal treatment strategy of inoperable osteosarcoma. <i>Radiotherapy and Oncology</i> , 2021, 159, 8-16.	0.6	21
60	Magnetic Resonance-Guided Stereotactic Body Radiotherapy of Liver Tumors: Initial Clinical Experience and Patient-Reported Outcomes. <i>Frontiers in Oncology</i> , 2021, 11, 610637.	2.8	31
61	Deciphering Time-Dependent DNA Damage Complexity, Repair, and Oxygen Tension: A Mechanistic Model for FLASH-Dose-Rate Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 574-586.	0.8	19
62	Effectiveness of Carbon Ion Radiation in Locally Advanced Pancreatic Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 708884.	2.8	5
63	⁶⁸ Ga-FAPI-PET/CT improves diagnostic staging and radiotherapy planning of adenoid cystic carcinomas – Imaging analysis and histological validation. <i>Radiotherapy and Oncology</i> , 2021, 160, 192-201.	0.6	40
64	FLASH Dose Rate Helium Ion Beams: First In Vitro Investigations. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, 1011-1022.	0.8	34
65	Neurocognitive Outcomes in Pediatric Patients Following Brain Irradiation. <i>Cancers</i> , 2021, 13, 3538.	3.7	12
66	Adenoid cystic Carcinoma and Carbon ion Only irradiation (ACCO): Study protocol for a prospective, open, randomized, two-armed, phase II study. <i>BMC Cancer</i> , 2021, 21, 812.	2.6	9
67	Low-dose radiotherapy for painful osteoarthritis of the elderly: A multicenter analysis of 970 patients with 1185 treated sites. <i>Strahlentherapie Und Onkologie</i> , 2021, 197, 895-902.	2.0	6
68	Two Tumors, One Target. <i>Clinical Nuclear Medicine</i> , 2021, 46, 842-844.	1.3	30
69	Carbon ion radiotherapy as definitive treatment in locally recurrent pancreatic cancer. <i>Strahlentherapie Und Onkologie</i> , 2021, , 1.	2.0	5
70	¹⁸ F-labeled tracers targeting fibroblast activation protein. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2021, 6, 26.	3.9	38
71	Simultaneous targeting of TGF-Î²/PD-L1 synergizes with radiotherapy by reprogramming the tumor microenvironment to overcome immune evasion. <i>Cancer Cell</i> , 2021, 39, 1388-1403.e10.	16.8	92
72	Physics and biomedical challenges of cancer therapy with accelerated heavy ions. <i>Nature Reviews Physics</i> , 2021, 3, 777-790.	26.6	47

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73	Quality of life after simultaneously integrated boost with intensity-modulated versus conventional radiotherapy with sequential boost for adjuvant treatment of breast cancer: 2-year results of the multicenter randomized IMRT-MC2 trial. <i>Radiotherapy and Oncology</i> , 2021, 163, 165-176.	0.6	7
74	Carbon Ion Radiation Therapy: One Decade of Research and Clinical Experience at Heidelberg Ion Beam Therapy Center. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, 597-609.	0.8	10
75	Spinal Stabilization Exercises for Cancer Patients with Spinal Metastases of High Fracture Risk: Feasibility of the DISPO-II Training Program. <i>Cancers</i> , 2021, 13, 201.	3.7	9
76	Sarcoma classification by DNA methylation profiling. <i>Nature Communications</i> , 2021, 12, 498.	12.8	237
77	Deep-learning-based synthesis of post-contrast T1-weighted MRI for tumour response assessment in neuro-oncology: a multicentre, retrospective cohort study. <i>The Lancet Digital Health</i> , 2021, 3, e784-e794.	12.3	52
78	DCE-MRI detected vascular permeability changes in the rat spinal cord do not explain shorter latency times for paresis after carbon ions relative to photons. <i>Radiotherapy and Oncology</i> , 2021, 165, 126-134.	0.6	2
79	Effectiveness and Toxicity of Fractionated Proton Beam Radiotherapy for Cranial Nerve Schwannoma Unsuitable for Stereotactic Radiosurgery. <i>Frontiers in Oncology</i> , 2021, 11, 772831.	2.8	5
80	Definitive radiotherapy for squamous cell carcinoma of the oral cavity: a single-institution experience. <i>Radiotherapy and Oncology</i> , 2021, 55, 467-473.	1.7	5
81	Assessment of Sodium MRI at 7 Tesla as Predictor of Therapy Response and Survival in Glioblastoma Patients. <i>Frontiers in Neuroscience</i> , 2021, 15, 782516.	2.8	6
82	Adaptive MR-Guided Stereotactic Radiotherapy is Beneficial for Ablative Treatment of Lung Tumors in High-Risk Locations. <i>Frontiers in Oncology</i> , 2021, 11, 757031.	2.8	17
83	Screening and Psycho-Oncological Support for Patients With Head and Neck Cancer and Brain Malignancies Before Radiotherapy With Mask Fixation: Results of a Feasibility Study. <i>Frontiers in Psychology</i> , 2021, 12, 760024.	2.1	1
84	Postoperative Radiotherapy for Endometrial Cancer in Elderly (≥80 Years) Patients: Oncologic Outcomes, Toxicity, and Validation of Prognostic Scores. <i>Cancers</i> , 2021, 13, 6264.	3.7	2
85	Glioblastoma radiotherapy using Intensity modulated Radiotherapy (IMRT) or proton Radiotherapy – GRIPS Trial (Glioblastoma Radiotherapy via IMRT or Proton Beams): a study protocol for a multicenter, prospective, open-label, randomized, two-arm, phase III study. <i>Radiation Oncology</i> , 2021, 16, 240.	2.7	4
86	Development and Validation of Single Field Multi-Ion Particle Therapy Treatments. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 106, 194-205.	0.8	43
87	The Phase 1/2 ACCEPT Trial: Concurrent Cetuximab and Intensity Modulated Radiation Therapy with Carbon Ion Boost for Adenoid Cystic Carcinoma of the Head and Neck. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 106, 167-173.	0.8	18
88	Lymph Node Involvement in Treatment-Naïve Prostate Cancer Patients: Correlation of PSMA PET/CT Imaging and Roach Formula in 280 Men in Radiotherapeutic Management. <i>Journal of Nuclear Medicine</i> , 2020, 61, 46-50.	5.0	26
89	Re-irradiation with protons or heavy ions with focus on head and neck, skull base and brain malignancies. <i>British Journal of Radiology</i> , 2020, 93, 20190516.	2.2	28
90	Significance of intraoperative radiation therapy and high cumulative radiation doses in retroperitoneal soft tissue sarcoma. <i>European Journal of Surgical Oncology</i> , 2020, 46, 905-913.	1.0	8

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91	Age-dependent hemato- and nephrotoxicity in patients with head and neck cancer receiving chemoradiotherapy with weekly cisplatin. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 515-521.	2.0	13
92	Carbon ion radiotherapy as definitive treatment in non-metastasized pancreatic cancer: study protocol of the prospective phase II PACK-study. <i>BMC Cancer</i> , 2020, 20, 947.	2.6	12
93	Feasibility of Optical Surface-Guidance for Position Verification and Monitoring of Stereotactic Body Radiotherapy in Deep-Inspiration Breath-Hold. <i>Frontiers in Oncology</i> , 2020, 10, 573279.	2.8	21
94	An R package for an integrated evaluation of statistical approaches to cancer incidence projection. <i>BMC Medical Research Methodology</i> , 2020, 20, 257.	3.1	41
95	Progression of Pulmonary Function and Correlation with Survival Following Stereotactic Body Radiotherapy of Central and Ultracentral Lung Tumors. <i>Cancers</i> , 2020, 12, 2862.	3.7	3
96	Ultra-high-field sodium MRI as biomarker for tumor extent, grade and IDH mutation status in glioma patients. <i>NeuroImage: Clinical</i> , 2020, 28, 102427.	2.7	22
97	Consolidation Immunotherapy After Platinum-Based Chemoradiotherapy in Patients With Unresectable Stage III Non-Small Cell Lung Cancer – Cross-Sectional Study of Eligibility and Administration Rates. <i>Frontiers in Oncology</i> , 2020, 10, 586449.	2.8	15
98	Large German Multicenter Experience on the Treatment Outcome of 207 Patients With Adenoid Cystic Carcinoma of the Major Salivary Glands. <i>Frontiers in Oncology</i> , 2020, 10, 593379.	2.8	7
99	Carbon ion reirradiation compared to intensity-modulated re-radiotherapy for recurrent head and neck cancer (CARE): a randomized controlled trial. <i>Radiation Oncology</i> , 2020, 15, 190.	2.7	10
100	Radiographic Response of Vessel Involvement and Resectability After Neoadjuvant Chemoradiation in Patients With Locally Advanced Pancreatic Cancer. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2020, 43, 776-783.	1.3	1
101	Acute toxicity of normofractionated intensity modulated radiotherapy with simultaneous integrated boost compared to three-dimensional conformal radiotherapy with sequential boost in the adjuvant treatment of breast cancer. <i>Radiation Oncology</i> , 2020, 15, 235.	2.7	13
102	Stereotactic Radiosurgery With Concurrent Immunotherapy in Melanoma Brain Metastases Is Feasible and Effective. <i>Frontiers in Oncology</i> , 2020, 10, 592796.	2.8	10
103	Validation of Nine Different Prognostic Grading Indexes for Radiosurgery of Brain Metastases in Breast Cancer Patients and Development of an All-Encompassing Prognostic Tool. <i>Frontiers in Oncology</i> , 2020, 10, 1557.	2.8	4
104	A treatment planning study of combined carbon ion-beam plus photon intensity-modulated radiotherapy. <i>Physics and Imaging in Radiation Oncology</i> , 2020, 15, 16-22.	2.9	3
105	High-dose carbon-ion based radiotherapy of primary and recurrent sacrococcygeal chordomas: long-term clinical results of a single particle therapy center. <i>Radiation Oncology</i> , 2020, 15, 206.	2.7	10
106	Clinical Results of Fibroblast Activation Protein (FAP) Specific PET and Implications for Radiotherapy Planning: Systematic Review. <i>Cancers</i> , 2020, 12, 2629.	3.7	37
107	Evaluation of Uterine Brachytherapy as Primary Treatment Option for Elderly Patients with Medically Inoperable Endometrial Cancer – A Single-Center Experience and Review of the Literature. <i>Cancers</i> , 2020, 12, 2301.	3.7	5
108	Particle therapy in the future of precision therapy. <i>British Journal of Radiology</i> , 2020, 93, 20200183.	2.2	27

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109	Safety and Efficacy of Stereotactic Body Radiotherapy in Ultracentral Lung Tumors Using a Risk-optimized Fractionation Scheme. <i>Clinical Lung Cancer</i> , 2020, 22, 332-340.e3.	2.6	11
110	Photon versus carbon ion irradiation: immunomodulatory effects exerted on murine tumor cell lines. <i>Scientific Reports</i> , 2020, 10, 21517.	3.3	13
111	Cone-Beam-CT Guided Adaptive Radiotherapy for Locally Advanced Non-small Cell Lung Cancer Enables Quality Assurance and Superior Sparing of Healthy Lung. <i>Frontiers in Oncology</i> , 2020, 10, 564857.	2.8	19
112	Adjuvant Radiation Therapy for Male Breast Cancer – A Rare Indication?. <i>Cancers</i> , 2020, 12, 3645.	3.7	1
113	Lack of Relevant Haemogram Changes During Percutaneous Radiotherapy of Localised Prostate Cancer. <i>In Vivo</i> , 2020, 34, 1555-1563.	1.3	0
114	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
115	Modeling Direct and Indirect Action on Cell Survival After Photon Irradiation under Normoxia and Hypoxia. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3471.	4.1	10
116	Oncological outcome and recurrence pattern analysis after involved-field irradiation in combination with rituximab for early-stage nodal and extranodal follicular lymphoma. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 705-714.	2.0	8
117	Single-Isocenter Volumetric Modulated Arc Therapy vs. CyberKnife M6 for the Stereotactic Radiosurgery of Multiple Brain Metastases. <i>Frontiers in Oncology</i> , 2020, 10, 568.	2.8	14
118	Stereotactic Cavity Irradiation or Whole-Brain Radiotherapy Following Brain Metastases Resection – Outcome, Prognostic Factors, and Recurrence Patterns. <i>Frontiers in Oncology</i> , 2020, 10, 693.	2.8	11
119	Carbon ion radiotherapy in pancreatic cancer: A review of clinical data. <i>Radiotherapy and Oncology</i> , 2020, 147, 145-150.	0.6	31
120	Radiochemotherapy with or without cetuximab for unresectable esophageal cancer: final results of a randomized phase II trial (LEOPARD-2). <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 795-804.	2.0	9
121	Late Contrast Enhancing Brain Lesions in Proton-Treated Patients With Low-Grade Glioma: Clinical Evidence for Increased Periventricular Sensitivity and Variable RBE. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 107, 571-578.	0.8	83
122	Fatigue following radiotherapy of low-risk early breast cancer – a randomized controlled trial of intraoperative electron radiotherapy versus standard hypofractionated whole-breast radiotherapy: the COSMOPOLITAN trial (NCT03838419). <i>Radiation Oncology</i> , 2020, 15, 134.	2.7	5
123	Maximizing the Clinical Benefit of Radiotherapy in Solitary Plasmacytoma: An International Multicenter Analysis. <i>Cancers</i> , 2020, 12, 676.	3.7	12
124	Design and Development of ^{99m} Tc-Labeled FAPI Tracers for SPECT Imaging and ¹⁸⁸ Re Therapy. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1507-1513.	5.0	110
125	Assessment of RBE-Weighted Dose Models for Carbon Ion Therapy Toward Modernization of Clinical Practice at HIT: In Vitro, in Vivo, and in Patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, 779-791.	0.8	39
126	Fibroblast Activation Protein (FAP) specific PET for advanced target volume delineation in glioblastoma. <i>Radiotherapy and Oncology</i> , 2020, 150, 159-163.	0.6	47

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127	Extracranial Stereotactic Body Radiotherapy in Oligometastatic or Oligoprogressive Breast Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 987.	2.8	19
128	Secondary Malignancy Risk Following Proton vs. X-ray Treatment of Mediastinal Malignant Lymphoma: A Comparative Modeling Study of Thoracic Organ-Specific Cancer Risk. <i>Frontiers in Oncology</i> , 2020, 10, 989.	2.8	15
129	Stereotactic body radiotherapy (SBRT) for adrenal metastases of oligometastatic or oligoprogressive tumor patients. <i>Radiation Oncology</i> , 2020, 15, 30.	2.7	36
130	<p>Percutaneous Endoscopic Gastrostomy Tube Placement in Patients with Head and Neck Cancer Treated with Radiotherapy</p>. <i>Cancer Management and Research</i> , 2020, Volume 12, 127-136.	1.9	10
131	Personalized Assessment of Normal Tissue Radiosensitivity via Transcriptome Response to Photon, Proton and Carbon Irradiation in Patient-Derived Human Intestinal Organoids. <i>Cancers</i> , 2020, 12, 469.	3.7	9
132	<p>Carbon Ion Beam Reirradiation in Recurrent High-Grade Glioma</p>. <i>Cancer Management and Research</i> , 2020, Volume 12, 633-639.	1.9	6
133	The Role of⁶⁸Ga-FAPI PET/CT for Patients with Malignancies of the Lower Gastrointestinal Tract: First Clinical Experience. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1331-1336.	5.0	106
134	Superiority of temozolomide over radiotherapy for elderly patients with RTK II methylation class, MGMT promoter methylated malignant astrocytoma. <i>Neuro-Oncology</i> , 2020, 22, 1162-1172.	1.2	42
135	Analysis of a Surgical Series of 21 Cerebral Radiation Necroses. <i>World Neurosurgery</i> , 2020, 137, e462-e469.	1.3	6
136	Intrafractional vaginal dilation in anal cancer patients undergoing pelvic radiotherapy (DILANA) â€“ a prospective, randomized, 2-armed phase-II-trial. <i>BMC Cancer</i> , 2020, 20, 52.	2.6	8
137	Radiation-induced alterations in immunogenicity of a murine pancreatic ductal adenocarcinoma cell line. <i>Scientific Reports</i> , 2020, 10, 686.	3.3	11
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139	Comparison of GeneChip, nCounter, and Real-Time PCRâ€™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
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148	IDH-wildtype glioblastomas and grade III/IV IDH-mutant gliomas show elevated tracer uptake in fibroblast activation protein-specific PET/CT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 2569-2580.	6.4	94
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