JÃ¼rgen Debus

List of Publications by Year
in descending order

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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	DNA methylation-based classification of central nervous system tumours. Nature, 2018, 555, 469-474.	27.8	1,872
2	⁶⁸Ga-FAPI PET/CT: Tracer Uptake in 28 Different Kinds of Cancer. Journal of Nuclear Medicine, 2019, 60, 801-805.	5.0	874
3	The diagnostic value of PET/CT imaging with the 68Ga-labelled PSMA ligand HBED-CC in the diagnosis of recurrent prostate cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 197-209.	6.4	866
4	Development of Quinoline-Based Theranostic Ligands for the Targeting of Fibroblast Activation Protein. Journal of Nuclear Medicine, 2018, 59, 1415-1422.	5.0	522
5	⁶⁸Ga-FAPI PET/CT: Biodistribution and Preliminary Dosimetry Estimate of 2 DOTA-Containing FAP-Targeting Agents in Patients with Various Cancers. Journal of Nuclear Medicine, 2019, 60, 386-392.	5.0	468
6	A Tumor-Imaging Method Targeting Cancer-Associated Fibroblasts. Journal of Nuclear Medicine, 2018, 59, 1423-1429.	5.0	453
7	Diagnostic performance of 68Ga-PSMA-11 (HBED-CC) PET/CT in patients with recurrent prostate cancer: evaluation in 1007 patients. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 1258-1268.	6.4	425
8	Carbon ion radiotherapy in Japan: an assessment of 20 years of clinical experience. Lancet Oncology, The, 2015, 16, e93-e100.	10.7	423
9	Improvement of surgical results for pancreatic cancer. Lancet Oncology, The, 2013, 14, e476-e485.	10.7	307
10	TERT Promoter Mutations and Risk of Recurrence in Meningioma. Journal of the National Cancer Institute, 2016, 108, djv377.	6.3	283
11	Development of Fibroblast Activation Proteinâ€“Targeted Radiotracers with Improved Tumor Retention. Journal of Nuclear Medicine, 2019, 60, 1421-1429.	5.0	281
12	Effectiveness of Carbon Ion Radiotherapy in the Treatment of Skull-Base Chordomas. International Journal of Radiation Oncology Biology Physics, 2007, 68, 449-457.	0.8	276
13	Automated quantitative tumour response assessment of MRI in neuro-oncology with artificial neural networks: a multicentre, retrospective study. Lancet Oncology, The, 2019, 20, 728-740.	10.7	271
14	High Efficacy of Fractionated Stereotactic Radiotherapy of Large Base-of-Skull Meningiomas: Long-Term Results. Journal of Clinical Oncology, 2001, 19, 3547-3553.	1.6	264
15	Sarcoma classification by DNA methylation profiling. Nature Communications, 2021, 12, 498.	12.8	237
16	Radiogenomics of Glioblastoma: Machine Learningâ€“based Classification of Molecular Characteristics by Using Multiparametric and Multiregional MR Imaging Features. Radiology, 2016, 281, 907-918.	7.3	236
17	68Ga-PSMA-11 PET/CT: a new technique with high potential for the radiotherapeutic management of prostate cancer patients. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 34-41.	6.4	194
18	Carbon ion radiotherapy of skull base chondrosarcomas. International Journal of Radiation Oncology Biology Physics, 2007, 67, 171-177.	0.8	177

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19	Randomized phase II trial evaluating pain response in patients with spinal metastases following stereotactic body radiotherapy versus three-dimensional conformal radiotherapy. Radiotherapy and Oncology, 2018, 128, 274-282.	0.6	155
20	HPV16 DNA status is a strong prognosticator of loco-regional control after postoperative radiochemotherapy of locally advanced oropharyngeal carcinoma: Results from a multicentre explorative study of the German Cancer Consortium Radiation Oncology Group (DKTK-ROG). Radiotherapy and Oncology, 2014, 113, 317-323.	0.6	141
21	HPV status, cancer stem cell marker expression, hypoxia gene signatures and tumour volume identify good prognosis subgroups in patients with HNSCC after primary radiochemotherapy: A multicentre retrospective study of the German Cancer Consortium Radiation Oncology Group (DKTK-ROG). Radiotherapy and Oncology, 2016, 121, 364-373.	0.6	130
22	Low Cancer Stem Cell Marker Expression and Low Hypoxia Identify Good Prognosis Subgroups in HPV(â^') HNSCC after Postoperative Radiochemotherapy: A Multicenter Study of the DKTK-ROG. Clinical Cancer Research, 2016, 22, 2639-2649.	7.0	127
23	Highly effective treatment of skull base chordoma with carbon ion irradiation using a raster scan technique in 155 patients: First longâ€term results. Cancer, 2014, 120, 3410-3417.	4.1	124
24	Particle therapy at the Heidelberg Ion Therapy Center (HIT) â€“ Integrated research-driven university-hospital-based radiation oncology service in Heidelberg, Germany. Radiotherapy and Oncology, 2010, 95, 41-44.	0.6	119
25	Impact of ⁶⁸Ga-FAPI PET/CT Imaging on the Therapeutic Management of Primary and Recurrent Pancreatic Ductal Adenocarcinomas. Journal of Nuclear Medicine, 2021, 62, 779-786.	5.0	113
26	A Phase II, Randomized, Study of Weekly APG101+Reirradiation versus Reirradiation in Progressive Glioblastoma. Clinical Cancer Research, 2014, 20, 6304-6313.	7.0	111
27	Design and Development of ^{99m}Tc-Labeled FAPI Tracers for SPECT Imaging and ¹⁸⁸Re Therapy. Journal of Nuclear Medicine, 2020, 61, 1507-1513.	5.0	110
28	The Role of⁶⁸Ga-FAPI PET/CT for Patients with Malignancies of the Lower Gastrointestinal Tract: First Clinical Experience. Journal of Nuclear Medicine, 2020, 61, 1331-1336.	5.0	106
29	The Clinical Impact of Additional Late PET/CT Imaging with ⁶⁸Ga-PSMA-11 (HBED-CC) in the Diagnosis of Prostate Cancer. Journal of Nuclear Medicine, 2017, 58, 750-755.	5.0	105
30	Glioblastoma Recurrence Patterns After Radiation Therapy With Regard to the Subventricular Zone. International Journal of Radiation Oncology Biology Physics, 2014, 90, 886-893.	0.8	104
31	N2M2 (NOA-20) phase I/II trial of molecularly matched targeted therapies plus radiotherapy in patients with newly diagnosed non-MGMT hypermethylated glioblastoma. Neuro-Oncology, 2019, 21, 95-105.	1.2	100
32	IDH-wildtype glioblastomas and grade III/IV IDH-mutant gliomas show elevated tracer uptake in fibroblast activation proteinâ€“specific PET/CT. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 2569-2580.	6.4	94
33	Heidelberg Ion Therapy Center (HIT): Initial clinical experience in the first 80 patients. Acta OncolÃ³gica, 2010, 49, 1132-1140.	1.8	93
34	Simultaneous targeting of TGF-Î²/PD-L1 synergizes with radiotherapy by reprogramming the tumor microenvironment to overcome immune evasion. Cancer Cell, 2021, 39, 1388-1403.e10.	16.8	92
35	68Ga-FAPI-PET/CT in patients with various gynecological malignancies. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 4089-4100.	6.4	91
36	â€œRadiobiology of Proton Therapyâ€• Results of an international expert workshop. Radiotherapy and Oncology, 2018, 128, 56-67.	0.6	85

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37	Radiation tolerance of the rat spinal cord after 6 and 18 fractions of photons and carbon ions: Experimental results and clinical implications. International Journal of Radiation Oncology Biology Physics, 2006, 66, 1488-1497.	0.8	84
38	Mesenchymal stem cells â€“ A new hope for radiotherapy-induced tissue damage?. Cancer Letters, 2015, 366, 133-140.	7.2	83
39	Late Contrast Enhancing Brain Lesions in Proton-Treated Patients With Low-Grade Glioma: Clinical Evidence for Increased Periventricular Sensitivity and Variable RBE. International Journal of Radiation Oncology Biology Physics, 2020, 107, 571-578.	0.8	83
40	Combined intensityâ€modulated radiotherapy plus rasterâ€scanned carbon ion boost for advanced adenoid cystic carcinoma of the head and neck results in superior locoregional control and overall survival. Cancer, 2015, 121, 3001-3009.	4.1	81
41	⁶⁸Ga-PSMA-11 PET/CT in Newly Diagnosed Carcinoma of the Prostate: Correlation of Intraprostatic PSMA Uptake with Several Clinical Parameters. Journal of Nuclear Medicine, 2017, 58, 1943-1948.	5.0	81
42	High-LET radiotherapy for adenoid cystic carcinoma of the head and neck: 15 yearsâ€™ experience with raster-scanned carbon ion therapy. Radiotherapy and Oncology, 2016, 118, 272-280.	0.6	77
43	Diagnostic Accuracy of ¹⁸F-PSMA-1007 PET/CT Imaging for Lymph Node Staging of Prostate Carcinoma in Primary and Biochemical Recurrence. Journal of Nuclear Medicine, 2021, 62, 208-213.	5.0	77
44	Re-irradiation of adenoid cystic carcinoma: Analysis and evaluation of outcome in 52 consecutive patients treated with raster-scanned carbon ion therapy. Radiotherapy and Oncology, 2015, 114, 182-188.	0.6	75
45	COSMIC: A Regimen of Intensity Modulated Radiation Therapy Plus Dose-Escalated, Raster-Scanned Carbon Ion Boost for Malignant Salivary Gland Tumors: Results of the Prospective Phase 2 Trial. International Journal of Radiation Oncology Biology Physics, 2015, 93, 37-46.	0.8	75
46	Overcoming hypoxia-induced tumor radioresistance in non-small cell lung cancer by targeting DNA-dependent protein kinase in combination with carbon ion irradiation. Radiation Oncology, 2017, 12, 208.	2.7	75
47	Analysis of FET-PET imaging for target volume definition in patients with gliomas treated with conformal radiotherapy. Radiotherapy and Oncology, 2013, 109, 487-492.	0.6	74
48	Next generation multi-scale biophysical characterization of high precision cancer particle radiotherapy using clinical proton, helium-, carbon- and oxygen ion beams. Oncotarget, 2016, 7, 56676-56689.	1.8	72
49	Mesenchymal Stem Cells Retain Their Defining Stem Cell Characteristics After Exposure to Ionizing Radiation. International Journal of Radiation Oncology Biology Physics, 2013, 87, 1171-1178.	0.8	70
50	Adjuvant treatment of brain metastases. Journal of Surgical Oncology, 2001, 20, 50-56.	1.4	67
51	A Five-MicroRNA Signature Predicts Survival and Disease Control of Patients with Head and Neck Cancer Negative for HPV Infection. Clinical Cancer Research, 2019, 25, 1505-1516.	7.0	67
52	XRCC1 Polymorphism Associated With Late Toxicity After Radiation Therapy in Breast Cancer Patients. International Journal of Radiation Oncology Biology Physics, 2015, 92, 1084-1092.	0.8	64
53	Chemical exchange saturation transfer MRI serves as predictor of early progression in glioblastoma patients. Oncotarget, 2018, 9, 28772-28783.	1.8	63
54	Carbon irradiation overcomes glioma radioresistance by eradicating stem cells and forming an antiangiogenic and immunopermissive niche. JCI Insight, 2019, 4, .	5.0	63

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55	Comparative analysis of transcriptomics based hypoxia signatures in head- and neck squamous cell carcinoma. Radiotherapy and Oncology, 2016, 118, 350-358.	0.6	62
56	Clinical applications of proton and carbon ion therapy. Seminars in Oncology, 2019, 46, 226-232.	2.2	62
57	Loss of SOX2 expression induces cell motility via vimentin upâ€regulation and is an unfavorable risk factor for survival ofÂhead and neck squamous cell carcinoma. Molecular Oncology, 2015, 9, 1704-1719.	4.6	60
58	[153Sm]Samarium-labeled FAPI-46 radioligand therapy in a patient with lung metastases of a sarcoma. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 3011-3013.	6.4	60
59	Long-term results in malignant pleural mesothelioma treated with neoadjuvant chemotherapy, extrapleural pneumonectomy and intensity-modulated radiotherapy. Radiation Oncology, 2015, 10, 267.	2.7	58
60	FAPI-PET/CT improves staging in a lung cancer patient with cerebral metastasis. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 1754-1755.	6.4	58
61	Early response assessment of glioma patients to definitive chemoradiotherapy using chemical exchange saturation transfer imaging at 7 T. Journal of Magnetic Resonance Imaging, 2019, 50, 1268-1277.	3.4	58
62	Non-randomized therapy trial to determine the safety and efficacy of heavy ion radiotherapy in patients with non-resectable osteosarcoma. BMC Cancer, 2010, 10, 96.	2.6	56
63	Radiotherapy orchestrates natural killer cell dependent antitumor immune responses through CXCL8. Science Advances, 2022, 8, eabh4050.	10.3	55
64	Influence of human papillomavirus and p16INK4a on treatment outcome of patients with anal cancer. Radiotherapy and Oncology, 2014, 113, 331-336.	0.6	54
65	High control rates of protonâ€and carbonâ€ionâ€"beam treatment with intensityâ€modulated active raster scanning in 101 patients with skull base chondrosarcoma at the Heidelberg Ion Beam Therapy Center. Cancer, 2018, 124, 2036-2044.	4.1	52
66	Deep-learning-based synthesis of post-contrast T1-weighted MRI for tumour response assessment in neuro-oncology: a multicentre, retrospective cohort study. The Lancet Digital Health, 2021, 3, e784-e794.	12.3	52
67	Risen from the dead: Cardiac stereotactic ablative radiotherapy as last rescue in a patient with refractory ventricular fibrillation storm. HeartRhythm Case Reports, 2019, 5, 329-332.	0.4	50
68	Acute Toxicity and Quality of Life in Patients With Prostate Cancer Treated With Protons or Carbon Ions in a Prospective Randomized Phase II Studyâ€"The IPI Trial. International Journal of Radiation Oncology Biology Physics, 2016, 95, 435-443.	0.8	49
69	Heavy Charged Particles: Does Improved Precision and Higher Biological Effectiveness Translate to Better Outcome in Patients?. Seminars in Radiation Oncology, 2018, 28, 160-167.	2.2	49
70	⁶⁸Ga-PSMA-11 PET/CT in Primary and Recurrent Prostate Carcinoma: Implications for Radiotherapeutic Management in 121 Patients. Journal of Nuclear Medicine, 2019, 60, 234-240.	5.0	49
71	Radiotherapy for Colorectal Cancer: Current Standards and Future Perspectives. Visceral Medicine, 2016, 32, 172-177.	1.3	48
72	Fibroblast Activation Protein (FAP) specific PET for advanced target volume delineation in glioblastoma. Radiotherapy and Oncology, 2020, 150, 159-163.	0.6	47

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73	Physics and biomedical challenges of cancer therapy with accelerated heavy ions. Nature Reviews Physics, 2021, 3, 777-790.	26.6	47
74	Improving Chemoradiotherapy in Rectal Cancer. Oncologist, 2001, 6, 29-34.	3.7	46
75	Mesenchymal stem cells are sensitive to bleomycin treatment. Scientific Reports, 2016, 6, 26645.	3.3	46
76	Radiosensitivity of Patient-Derived Glioma Stem Cell 3-Dimensional Cultures to Photon, Proton, and Carbon Irradiation. International Journal of Radiation Oncology Biology Physics, 2016, 95, 112-119.	0.8	46
77	Primary adenoid cystic carcinoma of the trachea: clinical outcome of 38 patients after interdisciplinary treatment in a single institution. Radiation Oncology, 2019, 14, 117.	2.7	46
78	Relative Biological Effectiveness of Carbon Ions for Local Tumor Control of a Radioresistant Prostate Carcinoma in the Rat. International Journal of Radiation Oncology Biology Physics, 2011, 79, 239-246.	0.8	45
79	First prospective clinical evaluation of feasibility and patient acceptance of magnetic resonance-guided radiotherapy in Germany. Strahlentherapie Und Onkologie, 2020, 196, 691-698.	2.0	44
80	Synergistic effects of crizotinib and radiotherapy in experimental EML4â€“ALK fusion positive lung cancer. Radiotherapy and Oncology, 2015, 114, 173-181.	0.6	43
81	Development and Validation of Single Field Multi-Ion Particle Therapy Treatments. International Journal of Radiation Oncology Biology Physics, 2020, 106, 194-205.	0.8	43
82	Comparison of carbon ion radiotherapy to photon radiation alone or in combination with temozolomide in patients with high-grade gliomas: Explorative hypothesis-generating retrospective analysis. Radiotherapy and Oncology, 2013, 108, 132-135.	0.6	42
83	Cachectic Body Composition and Inflammatory Markers Portend a Poor Prognosis in Patients with Locally Advanced Pancreatic Cancer Treated with Chemoradiation. Cancers, 2019, 11, 1655.	3.7	42
84	Superiority of temozolomide over radiotherapy for elderly patients with RTK II methylation class, MGMT promoter methylated malignant astrocytoma. Neuro-Oncology, 2020, 22, 1162-1172.	1.2	42
85	Carbon ion radiotherapy decreases the impact of tumor heterogeneity on radiation response in experimental prostate tumors. Cancer Letters, 2016, 378, 97-103.	7.2	41
86	Histology of non-small cell lung cancer predicts the response to stereotactic body radiotherapy. Radiotherapy and Oncology, 2017, 125, 317-324.	0.6	41
87	An R package for an integrated evaluation of statistical approaches to cancer incidence projection. BMC Medical Research Methodology, 2020, 20, 257.	3.1	41
88	Carbon Ion Reirradiation for Recurrent Head and Neck Cancer: A Single-Institutional Experience. International Journal of Radiation Oncology Biology Physics, 2019, 105, 803-811.	0.8	40
89	68Ga-FAPI-PET/CT improves diagnostic staging and radiotherapy planning of adenoid cystic carcinomas â€“ Imaging analysis and histological validation. Radiotherapy and Oncology, 2021, 160, 192-201.	0.6	40
90	Five-year experience with setup and implementation of an integrated database system for clinical documentation and research. Computer Methods and Programs in Biomedicine, 2014, 114, 206-217.	4.7	39

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91	Resistance training concomitant to radiotherapy of spinal bone metastases â€“ survival and prognostic factors of a randomized trial. Radiation Oncology, 2016, 11, 97.	2.7	39
92	Assessment of RBE-Weighted Dose Models for Carbon Ion Therapy Toward Modernization of Clinical Practice at HIT: InÂVitro, inÂVivo, and in Patients. International Journal of Radiation Oncology Biology Physics, 2020, 108, 779-791.	0.8	39
93	Mesenchymal stem cells are resistant to carbon ion radiotherapy. Oncotarget, 2015, 6, 2076-2087.	1.8	39
94	Ultra-High Dose Rate (FLASH) Carbon Ion Irradiation:ÂDosimetry and First Cell Experiments. International Journal of Radiation Oncology Biology Physics, 2022, 112, 1012-1022.	0.8	39
95	Postoperative radiotherapy of astrocytomas. Journal of Surgical Oncology, 2001, 20, 13-23.	1.4	38
96	Intensity modulated radiation therapy (IMRT) for sinonasal tumors: a single center long-term clinical analysis. Radiation Oncology, 2016, 11, 17.	2.7	38
97	18F-labeled tracers targeting fibroblast activation protein. EJNMMI Radiopharmacy and Chemistry, 2021, 6, 26.	3.9	38
98	Identification of a Novel ITGÎ±vÎ²6-Binding Peptide Using Protein Separation and Phage Display. Clinical Cancer Research, 2017, 23, 4170-4180.	7.0	37
99	Independent validation of a new reirradiation risk score (RRRS) for glioma patients predicting post-recurrence survival: A multicenter DKTK/ROG analysis. Radiotherapy and Oncology, 2018, 127, 121-127.	0.6	37
100	Clinical Results of Fibroblast Activation Protein (FAP) Specific PET and Implications for Radiotherapy Planning: Systematic Review. Cancers, 2020, 12, 2629.	3.7	37
101	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). International Journal of Radiation Oncology Biology Physics, 2021, 109, 1311-1324.	0.8	37
102	In vitro evaluation of photon and raster-scanned carbon ion radiotherapy in combination with gemcitabine in pancreatic cancer cell lines. Journal of Radiation Research, 2013, 54, i113-i119.	1.6	36
103	Proton and helium ion radiotherapy for meningioma tumors: a Monte Carlo-based treatment planning comparison. Radiation Oncology, 2018, 13, 2.	2.7	36
104	Stereotactic body radiotherapy (SBRT) for adrenal metastases of oligometastatic or oligoprogressive tumor patients. Radiation Oncology, 2020, 15, 30.	2.7	36
105	Resistance Exercise Reduces Kynurenine Pathway Metabolites in Breast Cancer Patients Undergoing Radiotherapy. Frontiers in Oncology, 2019, 9, 962.	2.8	35
106	Outcome and prognostic factors following palliative craniospinal irradiation for leptomeningeal carcinomatosis . Cancer Management and Research, 2019, Volume 11, 789-801.	1.9	35
107	Efficacy and toxicity of whole brain radiotherapy in patients with multiple cerebral metastases from malignant melanoma. Radiation Oncology, 2012, 7, 130.	2.7	34
108	Outcome and prognostic factors of multimodal therapy for pulmonary large-cell neuroendocrine carcinomas. European Journal of Medical Research, 2015, 20, 64.	2.2	34

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109	Reâ€irradiation of recurrent gliomas: pooled analysis and validation of an established prognostic scoreâ€"report of the Radiation Oncology Group (<scp>ROG</scp>) of the German Cancer Consortium (<scp>DKTK</scp>). Cancer Medicine, 2018, 7, 1742-1749.	2.8	34
110	PSMA-PET based radiotherapy: a review of initial experiences, survey on current practice and future perspectives. Radiation Oncology, 2018, 13, 90.	2.7	34
111	FLASH Dose Rate Helium Ion Beams: First In Vitro Investigations. International Journal of Radiation Oncology Biology Physics, 2021, 111, 1011-1022.	0.8	34
112	Mesenchymal stem cells maintain their defining stem cell characteristics after treatment with cisplatin. Scientific Reports, 2016, 6, 20035.	3.3	33
113	Impact of 18F-FET PET on Target Volume Definition and Tumor Progression of Recurrent High Grade Glioma Treated with Carbon-Ion Radiotherapy. Scientific Reports, 2018, 8, 7201.	3.3	33
114	Clinical results of fibroblast activation protein (FAP) specific PET for non-malignant indications: systematic review. EJNMMI Research, 2021, 11, 18.	2.5	33
115	Feasibility of real-time molecular profiling for patients with newly diagnosed glioblastoma without MGMT promoter hypermethylationâ€"the NCT Neuro Master Match (N2M2) pilot study. Neuro-Oncology, 2018, 20, 826-837.	1.2	32
116	Palliative Radiotherapy for Leptomeningeal Carcinomatosisâ€“Analysis of Outcome, Prognostic Factors, and Symptom Response. Frontiers in Oncology, 2018, 8, 641.	2.8	32
117	Continued Weight Loss and Sarcopenia Predict Poor Outcomes in Locally Advanced Pancreatic Cancer Treated with Chemoradiation. Cancers, 2019, 11, 709.	3.7	32
118	Impact of FAPI-PET/CT on Target Volume Definition in Radiation Therapy of Locally Recurrent Pancreatic Cancer. Cancers, 2021, 13, 796.	3.7	32
119	Hypofractionated IMRT of the Prostate Bed After Radical Prostatectomy: Acute Toxicity in the PRIAMOS-1 Trial. International Journal of Radiation Oncology Biology Physics, 2014, 90, 926-933.	0.8	31
120	Outcome in patients with small cell lung cancer re-irradiated for brain metastases after prior prophylactic cranial irradiation. Lung Cancer, 2016, 101, 76-81.	2.0	31
121	Intraoperative electron radiation therapy combined with external beam radiation therapy and limb sparing surgery in extremity soft tissue sarcoma: a retrospective single center analysis of 183 cases. Radiotherapy and Oncology, 2016, 119, 22-29.	0.6	31
122	Impact of inflammatory markers on survival in patients with limited disease small-cell lung cancer undergoing chemoradiotherapy. Cancer Management and Research, 2018, Volume 10, 6563-6569.	1.9	31
123	Identification of KIF11 As a Novel Target in Meningioma. Cancers, 2019, 11, 545.	3.7	31
124	Carbon ion radiotherapy in pancreatic cancer: A review of clinical data. Radiotherapy and Oncology, 2020, 147, 145-150.	0.6	31
125	Magnetic Resonance-Guided Stereotactic Body Radiotherapy of Liver Tumors: Initial Clinical Experience and Patient-Reported Outcomes. Frontiers in Oncology, 2021, 11, 610637.	2.8	31
126	Two Tumors, One Target. Clinical Nuclear Medicine, 2021, 46, 842-844.	1.3	30

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127	Supportive Care in Radiotherapy Based on a Mobile App: Prospective Multicenter Survey. JMIR MHealth and UHealth, 2018, 6, e10916.	3.7	30
128	Post-Mastectomy Radiotherapy After Neoadjuvant Chemotherapy in Breast Cancer: A Pooled Retrospective Analysis of Three Prospective Randomized Trials. Annals of Surgical Oncology, 2019, 26, 3892-3901.	1.5	29
129	Outcome and prognostic factors in patients with brain metastases from small-cell lung cancer treated with whole brain radiotherapy. Journal of Neuro-Oncology, 2017, 134, 205-212.	2.9	28
130	Re-irradiation with protons or heavy ions with focus on head and neck, skull base and brain malignancies. British Journal of Radiology, 2020, 93, 20190516.	2.2	28
131	A practical implementation of risk management for the clinical introduction of online adaptive Magnetic Resonance-guided radiotherapy. Physics and Imaging in Radiation Oncology, 2021, 17, 53-57.	2.9	28
132	Stability, Prognostic Factors and Survival of Spinal Bone Metastases in Malignant Melanoma Patients after Palliative Radiotherapy. Tumori, 2016, 102, 156-161.	1.1	27
133	Deciphering the Acute Cellular Phosphoproteome Response to Irradiation with X-rays, Protons and Carbon Ions. Molecular and Cellular Proteomics, 2017, 16, 855-872.	3.8	27
134	Correlation between genomic index lesions and mpMRI and 68Ga-PSMA-PET/CT imaging features in primary prostate cancer. Scientific Reports, 2018, 8, 16708.	3.3	27
135	Particle therapy in the future of precision therapy. British Journal of Radiology, 2020, 93, 20200183.	2.2	27
136	Radiation induced contrast enhancement after proton beam therapy in patients with low grade glioma â€“ How safe are protons?. Radiotherapy and Oncology, 2022, 167, 211-218.	0.6	27
137	The Radiation Resistance of Human Multipotent Mesenchymal Stromal Cells Is Independent of Their Tissue of Origin. International Journal of Radiation Oncology Biology Physics, 2018, 100, 1259-1269.	0.8	26
138	3D-Printed masks as a new approach for immobilization in radiotherapy - a study of positioning accuracy. Oncotarget, 2018, 9, 6490-6498.	1.8	26
139	Lymph Node Involvement in Treatment-NaÃ¯ve Prostate Cancer Patients: Correlation of PSMA PET/CT Imaging and Roach Formula in 280 Men in Radiotherapeutic Management. Journal of Nuclear Medicine, 2020, 61, 46-50.	5.0	26
140	Whole brain radiation therapy alone versus radiosurgery for patients with 1â€“10 brain metastases from small cell lung cancer (ENCEPHALON Trial): study protocol for a randomized controlled trial. Trials, 2018, 19, 388.	1.6	25
141	Treatment Outcome of 227 Patients with Sinonasal Adenoid Cystic Carcinoma (ACC) after Intensity Modulated Radiotherapy and Active Raster-Scanning Carbon Ion Boost: A 10-Year Single-Center Experience. Cancers, 2019, 11, 1705.	3.7	25
142	Location-Dependent Patient Outcome and Recurrence Patterns in IDH1-Wildtype Glioblastoma. Cancers, 2019, 11, 122.	3.7	25
143	Results of a combination treatment with intensity modulated radiotherapy and active raster-scanning carbon ion boost for adenoid cystic carcinoma of the minor salivary glands of the nasopharynx. Oral Oncology, 2019, 91, 39-46.	1.5	25
144	Clinical outcome of PSMA-guided radiotherapy for patients with oligorecurrent prostate cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 143-151.	6.4	25

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145	SDF-1/CXCR4 expression is an independent negative prognostic biomarker in patients with head and neck cancer after primary radiochemotherapy. Radiotherapy and Oncology, 2018, 126, 125-131.	0.6	24
146	Combined use of (18)F-FDG and (18)F-FMISO in unresectable non-small cell lung cancer patients planned for radiotherapy: a dynamic PET/CT study. American Journal of Nuclear Medicine and Molecular Imaging, 2015, 5, 127-42.	1.0	24
147	Prospective feasibility analysis of aÂnovel off-line approach for MR-guided radiotherapy. Strahlentherapie Und Onkologie, 2018, 194, 425-434.	2.0	23
148	Intraoperative Electron Radiation Therapy inÂRetroperitoneal Sarcoma. International Journal of Radiation Oncology Biology Physics, 2018, 100, 516-527.	0.8	23
149	For the Next Trick: New Discoveries in Radiobiology Applied to Glioblastoma. American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting, 2014, , e95-e99.	3.8	22
150	Bone density as a marker for local response to radiotherapy of spinal bone metastases in women with breast cancer: a retrospective analysis. Radiation Oncology, 2015, 10, 62.	2.7	22
151	NIR-Cyanine Dye Linker: a Promising Candidate for Isochronic Fluorescence Imaging in Molecular Cancer Diagnostics and Therapy Monitoring. Theranostics, 2016, 6, 131-141.	10.0	22
152	Response rates and recurrence patterns after low-dose radiotherapy with 4â€¯Gy in patients with low-grade lymphomas. Strahlentherapie Und Onkologie, 2018, 194, 454-461.	2.0	22
153	Ultra-high-field sodium MRI as biomarker for tumor extent, grade and IDH mutation status in glioma patients. NeuroImage: Clinical, 2020, 28, 102427.	2.7	22
154	Relative Biological Effectiveness of Carbon Ions in a Rat Prostate Carcinoma In Vivo: Comparison of 1, 2, and 6 Fractions. International Journal of Radiation Oncology Biology Physics, 2013, 86, 450-455.	0.8	21
155	Prognostic factors for long-term quality of life after adjuvant radiotherapy in women with endometrial cancer. Strahlentherapie Und Onkologie, 2016, 192, 895-904.	2.0	21
156	Mesenchymal stem cells exhibit resistance to topoisomerase inhibition. Cancer Letters, 2016, 374, 75-84.	7.2	21
157	Outcome and prognostic factors in single brain metastases from small-cell lung cancer. Strahlentherapie Und Onkologie, 2018, 194, 98-106.	2.0	21
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