

Rainer Fietkau

List of Publications by Year in descending order

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Version: 2024-02-01

147
papers

3,391
citations

201674

27
h-index

197818

49
g-index

152
all docs

152
docs citations

152
times ranked

4357
citing authors

#	ARTICLE	IF	CITATIONS
1	Old and new facts about hyperthermia-induced modulations of the immune system. International Journal of Hyperthermia, 2012, 28, 528-542.	2.5	206
2	Enhancer hijacking activates oncogenic transcription factor NR4A3 in acinic cell carcinomas of the salivary glands. Nature Communications, 2019, 10, 368.	12.8	153
3	Immunomodulation by ionizing radiationâ€”impact for design of radioâ€”immunotherapies and for treatment of inflammatory diseases. Immunological Reviews, 2017, 280, 231-248.	6.0	140
4	Immune-modulating properties of ionizing radiation: rationale for the treatment of cancer by combination radiotherapy and immune checkpoint inhibitors. Cancer Immunology, Immunotherapy, 2016, 65, 779-786.	4.2	129
5	PD-L1 is upregulated by radiochemotherapy in rectal adenocarcinoma patients and associated with a favourable prognosis. European Journal of Cancer, 2016, 65, 52-60.	2.8	112
6	Chemoradiation Increases PD-L1 Expression in Certain Melanoma and Glioblastoma Cells. Frontiers in Immunology, 2016, 7, 610.	4.8	111
7	Modern Radiotherapy Concepts and the Impact of Radiation on Immune Activation. Frontiers in Oncology, 2016, 6, 141.	2.8	110
8	Immune modulatory effects of radiotherapy as basis for well-reasoned radioimmunotherapies. Strahlentherapie Und Onkologie, 2018, 194, 509-519.	2.0	93
9	Hypofractionated Irradiation Has Immune Stimulatory Potential and Induces a Timely Restricted Infiltration of Immune Cells in Colon Cancer Tumors. Frontiers in Immunology, 2017, 8, 231.	4.8	87
10	Radio-Immunotherapy-Induced Immunogenic Cancer Cells as Basis for Induction of Systemic Anti-Tumor Immune Responses â€” Pre-Clinical Evidence and Ongoing Clinical Applications. Frontiers in Immunology, 2015, 6, 505.	4.8	86
11	Low dose ionising radiation leads to a NF-Î² dependent decreased secretion of active IL-1Î² by activated macrophages with a discontinuous dose-dependency. International Journal of Radiation Biology, 2012, 88, 727-734.	1.8	70
12	Clinically Relevant Radiation Exposure Differentially Impacts Forms of Cell Death in Human Cells of the Innate and Adaptive Immune System. International Journal of Molecular Sciences, 2018, 19, 3574.	4.1	68
13	CD8+ and Regulatory T cells Differentiate Tumor Immune Phenotypes and Predict Survival in Locally Advanced Head and Neck Cancer. Cancers, 2019, 11, 1398.	3.7	65
14	Development of a Modular Assay for Detailed Immunophenotyping of Peripheral Human Whole Blood Samples by Multicolor Flow Cytometry. International Journal of Molecular Sciences, 2016, 17, 1316.	4.1	63
15	Combination of ionising radiation with hyperthermia increases the immunogenic potential of B16-F10 melanoma cells<i>in vitro</i>and<i>in vivo</i>. International Journal of Hyperthermia, 2016, 32, 23-30.	2.5	57
16	Quadrmodal treatment of high-risk T1 and T2 bladder cancer: Transurethral tumor resection followed by concurrent radiochemotherapy and regional deep hyperthermia. Radiotherapy and Oncology, 2009, 93, 358-363.	0.6	56
17	Safety and efficacy of single cycle induction treatment with cisplatin/docetaxel/durvalumab/tremelimumab in locally advanced HNSCC: first results of CheckRad-CD8. , 2020, 8, e001378.		51
18	Modulation of the peripheral immune system after low-dose radon spa therapy: Detailed longitudinal immune monitoring of patients within the RAD-ON01 study. Autoimmunity, 2017, 50, 133-140.	2.6	50

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19	Effects of whole-body electromyostimulation combined with individualized nutritional support on body composition in patients with advanced cancer: a controlled pilot trial. <i>BMC Cancer</i> , 2018, 18, 886.	2.6	48
20	Radiomics to predict outcomes and abscopal response of patients with cancer treated with immunotherapy combined with radiotherapy using a validated signature of CD8 cells. , 2020, 8, e001429.		46
21	Non-professional phagocytosis: a general feature of normal tissue cells. <i>Scientific Reports</i> , 2019, 9, 11875.	3.3	45
22	Magnetic resonance imaging for brain stereotactic radiotherapy. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 444-456.	2.0	43
23	Targeted Natural Killer Cell-Based Adoptive Immunotherapy for the Treatment of Patients with NSCLC after Radiochemotherapy: A Randomized Phase II Clinical Trial. <i>Clinical Cancer Research</i> , 2020, 26, 5368-5379.	7.0	42
24	The Influence of Radiation on Bone and Bone Cells—Differential Effects on Osteoclasts and Osteoblasts. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6377.	4.1	40
25	Immune biological rationales for the design of combined radio- and immunotherapies. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 293-306.	4.2	39
26	Randomized phase III trial of induction chemotherapy followed by chemoradiotherapy or chemotherapy alone for nonresectable locally advanced pancreatic cancer: First results of the CONKO-007 trial.. <i>Journal of Clinical Oncology</i> , 2022, 40, 4008-4008.	1.6	39
27	Low-Dose Radiotherapy Ameliorates Advanced Arthritis in hTNF- \pm tg Mice by Particularly Positively Impacting on Bone Metabolism. <i>Frontiers in Immunology</i> , 2018, 9, 1834.	4.8	37
28	Cell-in-cell structures are more potent predictors of outcome than senescence or apoptosis in head and neck squamous cell carcinomas. <i>Radiation Oncology</i> , 2017, 12, 21.	2.7	36
29	Primary glioblastoma multiforme tumors and recurrence. <i>Strahlentherapie Und Onkologie</i> , 2016, 192, 146-155.	2.0	34
30	Combinations of Radiotherapy with Vaccination and Immune Checkpoint Inhibition Differently Affect Primary and Abscopal Tumor Growth and the Tumor Microenvironment. <i>Cancers</i> , 2021, 13, 714.	3.7	32
31	FSRT vs. SRS in Brain Metastases—Differences in Local Control and Radiation Necrosis—A Volumetric Study. <i>Frontiers in Oncology</i> , 2020, 10, 559193.	2.8	29
32	Impact of postoperative radiotherapy and HER2/new overexpression in salivary duct carcinoma. <i>Strahlentherapie Und Onkologie</i> , 2017, 193, 961-970.	2.0	28
33	Long-Term Experience of Chemoradiotherapy Combined with Deep Regional Hyperthermia for Organ Preservation in High-Risk Bladder Cancer (Ta, Tis, T1, T2). <i>Oncologist</i> , 2019, 24, e1341-e1350.	3.7	28
34	Stereotactic radiotherapy of vestibular schwannoma. <i>Strahlentherapie Und Onkologie</i> , 2017, 193, 200-212.	2.0	27
35	Spatial distribution of FoxP3+ and CD8+ tumour infiltrating T cells reflects their functional activity. <i>Oncotarget</i> , 2016, 7, 60383-60394.	1.8	27
36	Reduced secretion of the inflammatory cytokine IL-1 β by stimulated peritoneal macrophages of radiosensitive Balb/c mice after exposure to 0.5 or 0.7Gy of ionizing radiation. <i>Autoimmunity</i> , 2013, 46, 323-328.	2.6	26

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37	Palbociclib Induces Senescence in Melanoma and Breast Cancer Cells and Leads to Additive Growth Arrest in Combination With Irradiation. <i>Frontiers in Oncology</i> , 2021, 11, 740002.	2.8	26
38	Low-Dose Radiotherapy Has No Harmful Effects on Key Cells of Healthy Non-Inflamed Joints. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3197.	4.1	24
39	Low-Dose Irradiation Differentially Impacts Macrophage Phenotype in Dependence of Fibroblast-Like Synoviocytes and Radiation Dose. <i>Journal of Immunology Research</i> , 2019, 2019, 1-11.	2.2	24
40	Prospective evaluation of the prognostic value of immune-related adverse events in patients with non-melanoma solid tumour treated with PD-1/PD-L1 inhibitors alone and in combination with radiotherapy. <i>European Journal of Cancer</i> , 2020, 140, 55-62.	2.8	23
41	Differences of the Immune Phenotype of Breast Cancer Cells after Ex Vivo Hyperthermia by Warm-Water or Microwave Radiation in a Closed-Loop System Alone or in Combination with Radiotherapy. <i>Cancers</i> , 2020, 12, 1082.	3.7	23
42	Induction chemoimmunotherapy followed by CD8+ immune cell-based patient selection for chemotherapy-free radioimmunotherapy in locally advanced head and neck cancer. , 2022, 10, e003747.		23
43	Management of advanced hypopharyngeal and laryngeal cancer with and without cartilage invasion. <i>Auris Nasus Larynx</i> , 2017, 44, 333-339.	1.2	22
44	Impact of radon and combinatory radon/carbon dioxide spa on pain and hypertension: Results from the explorative RAD-ON01 study. <i>Modern Rheumatology</i> , 2019, 29, 165-172.	1.8	22
45	Frequent occurrence of therapeutically reversible CMV-associated encephalopathy during radiotherapy of the brain. <i>Neuro-Oncology</i> , 2016, 18, 1664-1672.	1.2	21
46	Cytotoxic effect of Efavirenz in BxPCâ€³ pancreatic cancer cells is based on oxidative stress and is synergistic with ionizing radiation. <i>Oncology Letters</i> , 2018, 15, 1728-1736.	1.8	21
47	Essential role of radiation therapy for the treatment of pancreatic cancer. <i>Strahlentherapie Und Onkologie</i> , 2018, 194, 185-195.	2.0	21
48	Targeted Therapy, Chemotherapy, Immunotherapy and Novel Treatment Options for Different Subtypes of Salivary Gland Cancer. <i>Journal of Clinical Medicine</i> , 2022, 11, 720.	2.4	20
49	Rate of individuals with clearly increased radiosensitivity rise with age both in healthy individuals and in cancer patients. <i>BMC Geriatrics</i> , 2018, 18, 105.	2.7	19
50	Senescence Induction by Combined Ionizing Radiation and DNA Damage Response Inhibitors in Head and Neck Squamous Cell Carcinoma Cells. <i>Cells</i> , 2020, 9, 2012.	4.1	19
51	Low Dose Radiation Therapy, Particularly with 0.5 Gy, Improves Pain in Degenerative Joint Disease of the Fingers: Results of a Retrospective Analysis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5854.	4.1	19
52	Examination of a deformable motion model for respiratory movements and 4D dose calculations using different driving surrogates. <i>Medical Physics</i> , 2017, 44, 2066-2076.	3.0	18
53	Modulations in the Peripheral Immune System of Glioblastoma Patient Is Connected to Therapy and Tumor Progressionâ€”A Case Report from the IMMO-GLIO-01 Trial. <i>Frontiers in Neurology</i> , 2017, 8, 296.	2.4	17
54	Kinase Inhibitors of DNA-PK, ATM and ATR in Combination with Ionizing Radiation Can Increase Tumor Cell Death in HNSCC Cells While Sparing Normal Tissue Cells. <i>Genes</i> , 2021, 12, 925.	2.4	17

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55	Temporarily increased TGF β 2 following radon spa correlates with reduced pain while serum IL-18 is a general predictive marker for pain sensitivity. <i>Radiation and Environmental Biophysics</i> , 2019, 58, 129-135.	1.4	16
56	Clinical Evidence for Thermometric Parameters to Guide Hyperthermia Treatment. <i>Cancers</i> , 2022, 14, 625.	3.7	16
57	Assessment of the implant geometry in fractionated interstitial HDR breast brachytherapy using an electromagnetic tracking system. <i>Brachytherapy</i> , 2018, 17, 94-102.	0.5	15
58	One-Tube Multicolor Flow Cytometry Assay (OTMA) for Comprehensive Immunophenotyping of Peripheral Blood. <i>Methods in Molecular Biology</i> , 2019, 1904, 189-212.	0.9	15
59	Dual mTOR/DNA-PK Inhibitor CC-115 Induces Cell Death in Melanoma Cells and Has Radiosensitizing Potential. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9321.	4.1	15
60	The in vitro immunogenic potential of caspase-3 proficient breast cancer cells with basal low immunogenicity is increased by hypofractionated irradiation. <i>Radiation Oncology</i> , 2015, 10, 197.	2.7	14
61	Recurrent glioblastoma: who receives tumor specific treatment and how often?. <i>Journal of Neuro-Oncology</i> , 2016, 128, 85-92.	2.9	14
62	Brain volume reduction after whole-brain radiotherapy: quantification and prognostic relevance. <i>Neuro-Oncology</i> , 2018, 20, 268-278.	1.2	14
63	Tumor Cell-Based Vaccine Generated With High Hydrostatic Pressure Synergizes With Radiotherapy by Generating a Favorable Anti-tumor Immune Microenvironment. <i>Frontiers in Oncology</i> , 2019, 9, 805.	2.8	14
64	Classification of Primary Cerebral Lymphoma and Glioblastoma Featuring Dynamic Susceptibility Contrast and Apparent Diffusion Coefficient. <i>Brain Sciences</i> , 2020, 10, 886.	2.3	13
65	Prospective Evaluation of All-lesion Versus Single-lesion Radiotherapy in Combination With PD-1/PD-L1 Immune Checkpoint Inhibitors. <i>Frontiers in Oncology</i> , 2020, 10, 576643.	2.8	13
66	Accelerated Partial Breast Irradiation: Macrophage Polarisation Shift Classification Identifies High-Risk Tumours in Early Hormone Receptor-Positive Breast Cancer. <i>Cancers</i> , 2020, 12, 446.	3.7	13
67	Early Mortality of Brain Cancer Patients and its Connection to Cytomegalovirus Reactivation During Radiochemotherapy. <i>Clinical Cancer Research</i> , 2020, 26, 3259-3270.	7.0	13
68	Implementation of a dedicated 1.5T MR scanner for radiotherapy treatment planning featuring a novel high-channel coil setup for brain imaging in treatment position. <i>Strahlentherapie Und Onkologie</i> , 2021, 197, 246-256.	2.0	13
69	Volumetric Regression in Brain Metastases After Stereotactic Radiotherapy: Time Course, Predictors, and Significance. <i>Frontiers in Oncology</i> , 2020, 10, 590980.	2.8	13
70	Differences in and Prognostic Value of Quality of Life Data in Rectal Cancer Patients with and without Distant Metastases. <i>Healthcare (Switzerland)</i> , 2021, 9, 1.	2.0	13
71	Ionizing radiation reduces the capacity of activated macrophages to induce T-cell proliferation, but does not trigger dendritic cell-mediated non-targeted effects. <i>International Journal of Radiation Biology</i> , 2019, 95, 33-43.	1.8	12
72	Tumour-Infiltrating Inflammatory Cells in Early Breast Cancer: An Underrated Prognostic and Predictive Factor?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8238.	4.1	12

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73	Treatment response lowers tumor symptom burden in recurrent and/or metastatic head and neck cancer. <i>BMC Cancer</i> , 2020, 20, 933.	2.6	11
74	Regulatory T cells and cytotoxic T cells close to the epithelial-stromal interface are associated with a favorable prognosis. <i>Oncolmunology</i> , 2020, 9, 1746149.	4.6	11
75	Implementation of Double Immune Checkpoint Blockade Increases Response Rate to Induction Chemotherapy in Head and Neck Cancer. <i>Cancers</i> , 2021, 13, 1959.	3.7	11
76	Analysis of the immune status from peripheral whole blood with a single-tube multicolor flow cytometry assay. <i>Methods in Enzymology</i> , 2020, 632, 389-415.	1.0	10
77	Primary results of the phase II CheckRad-CD8 trial: First-line treatment of locally advanced head and neck squamous cell carcinoma (HNSCC) with double checkpoint blockade and radiotherapy dependent on intratumoral CD8+ T-cell infiltration.. <i>Journal of Clinical Oncology</i> , 2021, 39, 6007-6007.	1.6	10
78	Hypofractionated Radiotherapy Upregulates Several Immune Checkpoint Molecules in Head and Neck Squamous Cell Carcinoma Cells Independently of the HPV Status While ICOS-L Is Upregulated Only on HPV-Positive Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9114.	4.1	10
79	Cancer Cell Death-Inducing Radiotherapy: Impact on Local Tumour Control, Tumour Cell Proliferation and Induction of Systemic Anti-tumour Immunity. <i>Advances in Experimental Medicine and Biology</i> , 2016, 930, 151-172.	1.6	9
80	Deterioration of Health-Related Quality of Life Scores under Treatment Predicts Longer Survival. <i>BioMed Research International</i> , 2020, 2020, 1-10.	1.9	9
81	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
82	Adaptive radiotherapy and the dosimetric impact of inter- and intrafractional motion on the planning target volume for prostate cancer patients. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 647-656.	2.0	9
83	Questionnaire-based detection of immune-related adverse events in cancer patients treated with PD-1/PD-L1 immune checkpoint inhibitors. <i>BMC Cancer</i> , 2021, 21, 314.	2.6	9
84	Predictive Value of Multiparametric MRI for Response to Single-Cycle Induction Chemo-Immunotherapy in Locally Advanced Head and Neck Squamous Cell Carcinoma. <i>Frontiers in Oncology</i> , 2021, 11, 734872.	2.8	9
85	Influence of Gender on Radiosensitivity during Radiochemotherapy of Advanced Rectal Cancer. <i>Cancers</i> , 2022, 14, 148.	3.7	9
86	Salivary gland carcinoma (SGC) with perineural spread and/or positive resection margin - high locoregional control rates after photon (chemo) radiotherapy - experience from a monocentric analysis. <i>Radiation Oncology</i> , 2019, 14, 68.	2.7	8
87	Role of tumor cell senescence in non-professional phagocytosis and cell-in-cell structure formation. <i>BMC Molecular and Cell Biology</i> , 2020, 21, 79.	2.0	8
88	In Vitro Examinations of Cell Death Induction and the Immune Phenotype of Cancer Cells Following Radiative-Based Hyperthermia with 915 MHz in Combination with Radiotherapy. <i>Cells</i> , 2021, 10, 1436.	4.1	8
89	Region of interest optimization for surface guided radiation therapy of breast cancer. <i>Journal of Applied Clinical Medical Physics</i> , 2021, 22, 152-160.	1.9	8
90	Low Dose Radiation Therapy Induces Long-Lasting Reduction of Pain and Immune Modulations in the Peripheral Blood - Interim Analysis of the IMMO-LDRT01 Trial. <i>Frontiers in Immunology</i> , 2021, 12, 740742.	4.8	8

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91	Head and neck tumor cells treated with hypofractionated irradiation die via apoptosis and are better taken up by M1-like macrophages. <i>Strahlentherapie Und Onkologie</i> , 2022, 198, 171-182.	2.0	8
92	The Prognostic Value of FoxP3+ Tumour-Infiltrating Lymphocytes in Rectal Cancer Depends on Immune Phenotypes Defined by CD8+ Cytotoxic T Cell Density. <i>Frontiers in Immunology</i> , 2022, 13, 781222.	4.8	8
93	How Octogenarians with Bladder Cancer Are Treated in a Maximum-Care Hospital: The Real-Life Experience. <i>Urologia Internationalis</i> , 2017, 98, 262-267.	1.3	7
94	Performance of gimbal-based dynamic tumor tracking for treating liver carcinoma. <i>Radiation Oncology</i> , 2018, 13, 242.	2.7	7
95	Is adaptive treatment planning in multi-catheter interstitial breast brachytherapy necessary?. <i>Radiotherapy and Oncology</i> , 2019, 141, 304-311.	0.6	7
96	Time course of pain response and toxicity after whole-nerve-encompassing LINAC-based stereotactic radiosurgery for trigeminal neuralgia—a prospective observational study. <i>Strahlentherapie Und Onkologie</i> , 2019, 195, 745-755.	2.0	7
97	Paragangliomas of the Head and Neck. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2019, 42, 818-823.	1.3	7
98	Estimation of inter-fractional variations in interstitial multi-catheter breast brachytherapy using a hybrid treatment delivery system. <i>Radiotherapy and Oncology</i> , 2019, 141, 312-320.	0.6	7
99	Performance of Markerless Tracking for Gimbale Dynamic Tumor Tracking. <i>Zeitschrift Fur Medizinische Physik</i> , 2020, 30, 96-103.	1.5	7
100	Classification of three prognostically different groups of head and neck cancer patients based on their metabolic response to induction chemotherapy (IC-1). <i>Oral Oncology</i> , 2020, 100, 104479.	1.5	7
101	Evidence for improved survival with bevacizumab treatment in recurrent high-grade gliomas: a retrospective study with (â€œpseudo-randomizedâ€) treatment allocation by the health insurance provider. <i>Journal of Neuro-Oncology</i> , 2020, 148, 373-379.	2.9	7
102	Prerequisites for the clinical implementation of a markerless SGRT-only workflow for the treatment of breast cancer patients. <i>Strahlentherapie Und Onkologie</i> , 2023, 199, 22-29.	2.0	7
103	Is there a patient population with squamous cell carcinoma of the head and neck region who might benefit from de-intensification of postoperative radiotherapy?. <i>Strahlentherapie Und Onkologie</i> , 2019, 195, 482-495.	2.0	6
104	Single-cycle induction chemotherapy before chemoradiotherapy or surgery in functionally inoperable head and neck squamous cell carcinoma: 10-year results. <i>European Archives of Oto-Rhino-Laryngology</i> , 2020, 277, 245-254.	1.6	6
105	On PTV definition for glioblastoma based on fiber tracking of diffusion tensor imaging data. <i>PLoS ONE</i> , 2020, 15, e0227146.	2.5	6
106	Evaluation of the influence of susceptibility-induced magnetic field distortions on the precision of contouring intracranial organs at risk for stereotactic radiosurgery. <i>Physics and Imaging in Radiation Oncology</i> , 2020, 15, 91-97.	2.9	6
107	Increase in non-professional phagocytosis during the progression of cell cycle. <i>PLoS ONE</i> , 2021, 16, e0246402.	2.5	6
108	A Prospective Real-World Multi-Center Study to Evaluate Progression-Free and Overall Survival of Radiotherapy with Cetuximab and Platinum-Based Chemotherapy with Cetuximab in Locally Recurrent Head and Neck Cancer. <i>Cancers</i> , 2021, 13, 3413.	3.7	6

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109	Patterns of care analysis for salivary gland cancer: a survey within the German Society of Radiation Oncology (DEGRO) and recommendations for daily practice. <i>Strahlentherapie Und Onkologie</i> , 2022, 198, 123-134.	2.0	6
110	Ex Vivo Apoptosis in CD8+ Lymphocytes Predicts Rectal Cancer Patient Outcome. <i>Gastroenterology Research and Practice</i> , 2016, 2016, 1-7.	1.5	5
111	Idelalisib may have the potential to increase radiotherapy side effects. <i>Radiation Oncology</i> , 2017, 12, 109.	2.7	5
112	Older Patients Are Less Affected by Radiochemotherapeutic Treatment than Younger. <i>BioMed Research International</i> , 2018, 2018, 1-8.	1.9	5
113	Impact of inter- and intra-observer variabilities of catheter reconstruction on multi-catheter interstitial brachytherapy of breast cancer patients. <i>Radiotherapy and Oncology</i> , 2019, 135, 25-32.	0.6	5
114	Dose Reduction to the Swallowing Apparatus and the Salivary Glands by De-Intensification of Postoperative Radiotherapy in Patients with Head and Neck Cancer: First (Treatment Planning) Results of the Prospective Multicenter DIREKHT Trial. <i>Cancers</i> , 2020, 12, 538.	3.7	5
115	The Distribution of Pelvic Nodal Metastases in Prostate Cancer Reveals Potential to Advance and Personalize Pelvic Radiotherapy. <i>Frontiers in Oncology</i> , 2020, 10, 590722.	2.8	5
116	Low-Dose Radiotherapy Leads to a Systemic Anti-Inflammatory Shift in the Pre-Clinical K/BxN Serum Transfer Model and Reduces Osteoarthritic Pain in Patients. <i>Frontiers in Immunology</i> , 2021, 12, 777792.	4.8	5
117	Quantification of an External Motion Surrogate for Quality Assurance in Lung Cancer Radiation Therapy. <i>BioMed Research International</i> , 2014, 2014, 1-8.	1.9	4
118	Trends in radiotherapy inpatient admissions in Germany: a population-based study over a 10-year period. <i>Strahlentherapie Und Onkologie</i> , 2021, 197, 865-875.	2.0	4
119	Influence and compensation of patient motion in electromagnetic tracking based quality assurance in interstitial brachytherapy of the breast. <i>Medical Physics</i> , 2022, 49, 2652-2662.	3.0	4
120	Kinase inhibitors increase individual radiation sensitivity in normal cells of cancer patients. <i>Strahlentherapie Und Onkologie</i> , 2022, 198, 838-848.	2.0	4
121	Detailed <i>in vitro</i> analyses of the impact of multimodal cancer therapy with hyperthermia and radiotherapy on the immune phenotype of human glioblastoma cells. <i>International Journal of Hyperthermia</i> , 2022, 39, 796-805.	2.5	4
122	A clinician's plea to test glioma patients for CMV. <i>Neuro-Oncology</i> , 2017, 19, 1282-1283.	1.2	3
123	Ex vivo radiosensitivity is increased in non-cancer patients taking valproate. <i>BMC Neurology</i> , 2020, 20, 390.	1.8	3
124	Low- vs. high-dose radiotherapy in Graves' ophthalmopathy: a retrospective comparison of long-term results. <i>Strahlentherapie Und Onkologie</i> , 2021, 197, 885-894.	2.0	3
125	Cell-in-cell phenomenon: leukocyte engulfment by non-tumorigenic cells and cancer cell lines. <i>BMC Molecular and Cell Biology</i> , 2021, 22, 39.	2.0	3
126	A multicenter phase II trial of the combination cisplatin/ docetaxel/durvalumab/tremelimumab as single-cycle induction treatment in locally advanced HNSCC (CheckRad-CD8 trial).. <i>Journal of Clinical Oncology</i> , 2020, 38, 6519-6519.	1.6	3

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127	Radon Improves Clinical Response in an Animal Model of Rheumatoid Arthritis Accompanied by Increased Numbers of Peripheral Blood B Cells and Interleukin-5 Concentration. <i>Cells</i> , 2022, 11, 689.	4.1	3
128	Transient Enlargement in Meningiomas Treated with Stereotactic Radiotherapy. <i>Cancers</i> , 2022, 14, 1547.	3.7	3
129	Effects of Hippocampal Sparing Radiotherapy on Brain Microstructure—A Diffusion Tensor Imaging Analysis. <i>Brain Sciences</i> , 2022, 12, 879.	2.3	3
130	Dosimetry, Optimization and FMEA of Total Skin Electron Irradiation (TSEI). <i>Zeitschrift Fur Medizinische Physik</i> , 2021, , .	1.5	2
131	Risk analysis for radiotherapy at the UniversitÄtsklinikum Erlangen. <i>Zeitschrift Fur Medizinische Physik</i> , 2022, , .	1.5	2
132	Baseline Quality of Life of Physical Function Is Highly Relevant for Overall Survival in Advanced Rectal Cancer. <i>Healthcare (Switzerland)</i> , 2022, 10, 141.	2.0	2
133	Influence of alectinib and crizotinib on ionizing radiation - in vitro analysis of ALK/ROS1-wildtype lung tissue cells. <i>Neoplasia</i> , 2022, 27, 100780.	5.3	2
134	Pathologic response after induction chemo-immunotherapy with single or double immune checkpoint inhibition in locally advanced head and neck squamous cell carcinoma (HNSCC): Expansion cohorts of the CheckRad-CD8 trial.. <i>Journal of Clinical Oncology</i> , 2022, 40, 6064-6064.	1.6	2
135	Survival analysis in rectal carcinoma after neoadjuvant chemoradiation: various methods with different results. <i>International Journal of Colorectal Disease</i> , 2017, 32, 1295-1301.	2.2	1
136	Choosing a reference phase for a dynamic tumor tracking treatment: A new degree of freedom?. <i>Medical Physics</i> , 2019, 46, 3371-3377.	3.0	1
137	Quality assurance for dynamic tumor tracking. <i>Zeitschrift Fur Medizinische Physik</i> , 2021, 31, 388-393.	1.5	1
138	Reduction of Elective Radiotherapy Treatment Volume in Definitive Treatment of Locally Advanced Head and Neck Cancer—Comparison of a Prospective Trial with a Revised Simulated Contouring Approach. <i>Journal of Clinical Medicine</i> , 2021, 10, 4653.	2.4	1
139	Long-Term Follow-Up of Patients Receiving Neoadjuvant Treatment Modalities for Soft Tissue Sarcomas of the Extremities. <i>Cancers</i> , 2021, 13, 5244.	3.7	1
140	06.06—Low dose radiation alters the inflammatory phenotype of fibroblast-like synoviocytes and macrophages and stimulates osteoblasts. , 2017, , .		0
141	Low-grade (polymorphous) adenocarcinoma of the middle ear mimicking a Jugulotympanic paraganglioma. <i>Hno</i> , 2021, 69, 88-91.	1.0	0
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147	Development and validation of longitudinal c-reactive protein as dynamic response predictor for PD-L1 blockade in advanced NSCLC: Findings from four atezolizumab clinical trials. <i>Journal of Clinical Oncology</i> , 2022, 40, e21113-e21113.	1.6	0