Stephanie E Combs

List of Publications by Year
in descending order

289 papers	6,149 citations	87888 38 h-index	133252 59 g-index
307 all docs	307 docs citations	307 times ranked	8447 citing authors

#	Article	IF	Citations
1	ESTRO-ACROP guideline â€œtarget delineation of glioblastomasâ€• Radiotherapy and Oncology, 2016, 118, 35-42.	0.6	286
2	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
3	PET imaging in patients with brain metastasisâ€"report of the RANO/PET group. Neuro-Oncology, 2019, 21, 585-595.	1.2	139
4	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
5	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
6	Evaluation of First-line Radiosurgery vs Whole-Brain Radiotherapy for Small Cell Lung Cancer Brain Metastases. JAMA Oncology, 2020, 6, 1028.	7.1	122
7	Mobile Health in Oncology: A Patient Survey About App-Assisted Cancer Care. JMIR MHealth and UHealth, 2017, 5, e81.	3.7	109
8	Integrating Hyperthermia into Modern Radiation Oncology: What Evidence Is Necessary?. Frontiers in Oncology, 2017, 7, 132.	2.8	107
9	Prognostic significance of IDH-1 and MGMT in patients with glioblastoma: One step forward, and one step back?. Radiation Oncology, 2011, 6, 115.	2.7	99
10	Generation and validation of a prognostic score to predict outcome after re-irradiation of recurrent glioma. Acta OncolÃ³gica, 2013, 52, 147-152.	1.8	98
11	Radiolucent Carbon Fiberâ€“Reinforced Pedicle Screws for Treatment of Spinal Tumors: Advantages for Radiation Planning and Follow-Up Imaging. World Neurosurgery, 2017, 105, 294-301.	1.3	93
12	⁶⁸Gaâ€PSMAâ€PET for radiation treatment planning in prostate cancer recurrences after surgery: Individualized medicine or new standard in salvage treatment. Prostate, 2017, 77, 920-927.	2.3	89
13	Heat Shock Protein 70 (Hsp70) Peptide Activated Natural Killer (NK) Cells for the Treatment of Patients with Non-Small Cell Lung Cancer (NSCLC) after Radiochemotherapy (RCTx) â€“ From Preclinical Studies to a Clinical Phase II Trial. Frontiers in Immunology, 2015, 6, 162.	4.8	87
14	Long-term outcome after highly advanced single-dose or fractionated radiotherapy in patients with vestibular schwannomas â€“ Pooled results from 3 large German centers. Radiotherapy and Oncology, 2015, 114, 378-383.	0.6	83
15	Mobile Apps in Oncology: A Survey on Health Care Professionalsâ€™ Attitude Toward Telemedicine, mHealth, and Oncological Apps. Journal of Medical Internet Research, 2016, 18, e312.	4.3	83
16	Tumor grading of soft tissue sarcomas using MRI-based radiomics. EBioMedicine, 2019, 48, 332-340.	6.1	73
17	Radiomics in radiooncology â€“ Challenging the medical physicist. Physica Medica, 2018, 48, 27-36.	0.7	71
18	Correlation of Hsp70 Serum Levels with Gross Tumor Volume and Composition of Lymphocyte Subpopulations in Patients with Squamous Cell and Adeno Non-Small Cell Lung Cancer. Frontiers in Immunology, 2015, 6, 556.	4.8	67

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19	Oligometastases from prostate cancer: local treatment with stereotactic body radiotherapy (SBRT). BMC Cancer, 2017, 17, 361.	2.6	67
20	Neuro-oncology management during the COVID-19 pandemic with a focus on WHO grades III and IV gliomas. Neuro-Oncology, 2020, 22, 928-935.	1.2	62
21	â€œRadio-oncomicsâ€• Strahlentherapie Und Onkologie, 2017, 193, 767-779.	2.0	57
22	CT-based radiomic features predict tumor grading and have prognostic value in patients with soft tissue sarcomas treated with neoadjuvant radiation therapy. Radiotherapy and Oncology, 2019, 135, 187-196.	0.6	57
23	EANOâ€“EURACAN clinical practice guideline for diagnosis, treatment, and follow-up of post-pubertal and adult patients with medulloblastoma. Lancet Oncology, The, 2019, 20, e715-e728.	10.7	56
24	Heat shock protein 70 and tumorâ€infiltrating NK cells as prognostic indicators for patients with squamous cell carcinoma of the head and neck after radiochemotherapy: A multicentre retrospective study of the German Cancer Consortium Radiation Oncology Group (DKTKâ€ROG). International Journal of Cancer, 2018, 142, 1911-1925.	5.1	50
25	FDG/PET-CTâ€“Based Lymph Node Atlas in Breast Cancer Patients. International Journal of Radiation Oncology Biology Physics, 2019, 103, 574-582.	0.8	50
26	First statement on preparation for the COVID-19 pandemic in large German Speaking University-based radiation oncology departments. Radiation Oncology, 2020, 15, 74.	2.7	50
27	Retrospective Analysis of Radiological Recurrence Patterns in Glioblastoma, Their Prognostic Value And Association to Postoperative Infarct Volume. Scientific Reports, 2018, 8, 4561.	3.3	48
28	MRI Radiomic Features Are Independently Associated With Overall Survival in Soft Tissue Sarcoma. Advances in Radiation Oncology, 2019, 4, 413-421.	1.2	48
29	Multi-institutional Analysis of Prognostic Factors and Outcomes After Hypofractionated Stereotactic Radiotherapy to the Resection Cavity in Patients With Brain Metastases. JAMA Oncology, 2020, 6, 1901.	7.1	47
30	Use of Complementary and Alternative Medicine (CAM) as Part of the Oncological Treatment: Survey about Patientsâ€™ Attitude towards CAM in a University-Based Oncology Center in Germany. PLoS ONE, 2016, 11, e0165801.	2.5	44
31	Clinical implementation and range evaluation of in vivo PET dosimetry for particle irradiation in patients with primary glioma. Radiotherapy and Oncology, 2015, 115, 179-185.	0.6	43
32	Human Glioma Migration and Infiltration Properties as a Target for Personalized Radiation Medicine. Cancers, 2018, 10, 456.	3.7	43
33	Combining multimodal imaging and treatment features improves machine learningâ€based prognostic assessment in patients with glioblastoma multiforme. Cancer Medicine, 2019, 8, 128-136.	2.8	43
34	Targeted Natural Killer Cellâ€“Based Adoptive Immunotherapy for the Treatment of Patients with NSCLC after Radiochemotherapy: A Randomized Phase II Clinical Trial. Clinical Cancer Research, 2020, 26, 5368-5379.	7.0	42
35	Dosimetric Comparison of Proton Radiation Therapy, Volumetric Modulated Arc Therapy, and Three-Dimensional Conformal Radiotherapy Based on Intracranial Tumor Location. Cancers, 2018, 10, 401.	3.7	41
36	ESTRO ACROP guideline for target volume delineation of skull base tumors. Radiotherapy and Oncology, 2021, 156, 80-94.	0.6	41

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37	Moderate hypofractionation remains the standard of care for whole-breast radiotherapy in breast cancer: Considerations regarding FAST and FAST-Forward. Strahlentherapie Und Onkologie, 2021, 197, 269-280.	2.0	41
38	Increased heat shock protein 70 (Hsp70) serum levels and low NK cell counts after radiotherapy â€“ potential markers for predicting breast cancer recurrence?. Radiation Oncology, 2019, 14, 78.	2.7	40
39	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
40	HFSRT of the resection cavity in patients with brain metastases. Strahlentherapie Und Onkologie, 2016, 192, 368-376.	2.0	39
41	Risk of second cancer following radiotherapy for prostate cancer: a population-based analysis. Radiation Oncology, 2017, 12, 2.	2.7	37
42	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
43	Irradiation of regional lymph node areas in breast cancer â€“ Dose evaluation according to the Z0011, AMAROS, EORTC 10981-22023 and MA-20 field design. Radiotherapy and Oncology, 2020, 142, 195-201.	0.6	37
44	Validation of an established prognostic score after re-irradiation of recurrent glioma. Acta OncolÃ³gica, 2017, 56, 422-426.	1.8	36
45	Semantic imaging features predict disease progression and survival in glioblastoma multiforme patients. Strahlentherapie Und Onkologie, 2018, 194, 580-590.	2.0	36
46	Comparative analysis of the effects of radiotherapy versus radiotherapy after adjuvant chemotherapy on the composition of lymphocyte subpopulations in breast cancer patients. Radiotherapy and Oncology, 2016, 118, 176-180.	0.6	35
47	MRI-based delta-radiomics predicts pathologic complete response in high-grade soft-tissue sarcoma patients treated with neoadjuvant therapy. Radiotherapy and Oncology, 2021, 164, 73-82.	0.6	35
48	The Relative Biological Effectiveness for Carbon and Oxygen Ion Beams Using the Raster-Scanning Technique in Hepatocellular Carcinoma Cell Lines. PLoS ONE, 2014, 9, e113591.	2.5	34
49	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
50	PSMA-PET based radiotherapy: a review of initial experiences, survey on current practice and future perspectives. Radiation Oncology, 2018, 13, 90.	2.7	34
51	Prostate-specific Membrane Antigen Positron Emission Tomographyâ€“detected Oligorecurrent Prostate Cancer Treated with Metastases-directed Radiotherapy: Role of Addition and Duration of Androgen Deprivation. European Urology Focus, 2021, 7, 309-316.	3.1	34
52	Prognostic Value of Tumor Volume in Glioblastoma Patients: Size Also Matters for Patients with Incomplete Resection. Annals of Surgical Oncology, 2018, 25, 558-564.	1.5	33
53	Expert consensus on re-irradiation for recurrent glioma. Radiation Oncology, 2017, 12, 194.	2.7	32
54	Modification and optimization of an established prognostic score after re-irradiation of recurrent glioma. PLoS ONE, 2017, 12, e0180457.	2.5	32

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55	Deep inspiration breath-hold for left-sided breast irradiation: Analysis of dose-mass histograms and the impact of lung expansion. Radiation Oncology, 2019, 14, 109.	2.7	32
56	Continued Weight Loss and Sarcopenia Predict Poor Outcomes in Locally Advanced Pancreatic Cancer Treated with Chemoradiation. Cancers, 2019, 11, 709.	3.7	32
57	Prognostic Impact of CA 19-9 on Outcome after Neoadjuvant Chemoradiation in Patients with Locally Advanced Pancreatic Cancer. Annals of Surgical Oncology, 2014, 21, 2801-2807.	1.5	31
58	Impact of delays in initiating postoperative chemoradiation while determining the MGMT promoter-methylation statuses of patients with primary glioblastoma. BMC Cancer, 2015, 15, 558.	2.6	31
59	The dosimetric impact of stabilizing spinal implants in radiotherapy treatment planning with protons and photons: standard titanium alloy vs. radiolucent carbonâ€fiberâ€reinforced PEEK systems. Journal of Applied Clinical Medical Physics, 2020, 21, 6-14.	1.9	31
60	Re-irradiation after gross total resection of recurrent glioblastoma. Strahlentherapie Und Onkologie, 2017, 193, 897-909.	2.0	30
61	PSMA-PET/CTâ€“based Lymph Node Atlas for Prostate Cancer Patients Recurring After Primary Treatment: Clinical Implications for Salvage Radiation Therapy. European Urology Oncology, 2021, 4, 73-83.	5.4	30
62	Deep-Inspiration Breath-Hold Radiation Therapy in Breast Cancer: A Word of Caution on the Dose to the Axillary Lymph Node Levels. International Journal of Radiation Oncology Biology Physics, 2018, 100, 263-269.	0.8	29
63	Deep learning derived tumor infiltration maps for personalized target definition in Glioblastoma radiotherapy. Radiotherapy and Oncology, 2019, 138, 166-172.	0.6	28
64	Spatially fractionated proton minibeams. British Journal of Radiology, 2019, 92, 20180466.	2.2	28
65	A CT-based radiomics model to detect prostate cancer lymph node metastases in PSMA radioguided surgery patients. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 2968-2977.	6.4	28
66	Comparison of dosimetric parameters and toxicity in esophageal cancer patients undergoing 3DÂconformal radiotherapy or VMAT. Strahlentherapie Und Onkologie, 2016, 192, 722-729.	2.0	27
67	Do selective radiation dose escalation and tumour hypoxia status impact the loco-regional tumour control after radio-chemotherapy of head & neck tumours? The ESCALOX protocol. Radiation Oncology, 2017, 12, 45.	2.7	27
68	Multicenter analysis of stereotactic radiotherapy of the resection cavity in patients with brain metastases. Cancer Medicine, 2018, 7, 2319-2327.	2.8	27
69	Modification of radiosensitivity by Curcumin in human pancreatic cancer cell lines. Scientific Reports, 2020, 10, 3815.	3.3	27
70	The Hsp70 inhibiting peptide aptamer A17 potentiates radiosensitization of tumor cells by Hsp90 inhibition. Cancer Letters, 2017, 390, 146-152.	7.2	26
71	Complementary and alternative medicine in radiation oncology. Strahlentherapie Und Onkologie, 2017, 193, 419-425.	2.0	26
72	Fractionated vs. single-fraction stereotactic radiotherapy in patients with vestibular schwannoma. Strahlentherapie Und Onkologie, 2017, 193, 192-199.	2.0	26

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73	Tangential Field Radiotherapy for Breast Cancerâ€"The Dose to the Heart and Heart Subvolumes: What Structures Must Be Contoured in Future Clinical Trials?. Frontiers in Oncology, 2017, 7, 130.	2.8	26
74	Improved overall survival in head and neck cancer patients after specific therapy of distant metastases. European Archives of Oto-Rhino-Laryngology, 2018, 275, 1239-1247.	1.6	26
75	Cavity volume changes after surgery of aÂbrain metastasisâ€"consequences for stereotactic radiation therapy. Strahlentherapie Und Onkologie, 2019, 195, 207-217.	2.0	26
76	The Role of miRNA for the Treatment of MGMT Unmethylated Glioblastoma Multiforme. Cancers, 2020, 12, 1099.	3.7	26
77	Effects of definitive and salvage radiotherapy on the distribution of lymphocyte subpopulations in prostate cancer patients. Strahlentherapie Und Onkologie, 2017, 193, 648-655.	2.0	25
78	Influence of 68Ga-DOTATOC on sparing of normal tissue for radiation therapy of skull base meningioma: differential impact of photon and proton radiotherapy. Radiation Oncology, 2018, 13, 58.	2.7	25
79	Clinical outcome after high-precision radiotherapy for skull base meningiomas: Pooled data from three large German centers for radiation oncology. Radiotherapy and Oncology, 2018, 127, 274-279.	0.6	25
80	Prognostic Assessment in High-Grade Soft-Tissue Sarcoma Patients: A Comparison of Semantic Image Analysis and Radiomics. Cancers, 2021, 13, 1929.	3.7	25
81	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
82	Factors associated with the decline of psychological support in hospitalized patients with cancer. Psycho-Oncology, 2019, 28, 2049-2059.	2.3	24
83	Stereotactic or conformal radiotherapy for adrenal metastases: Patient characteristics and outcomes in a multicenter analysis. International Journal of Cancer, 2021, 149, 358-370.	5.1	24
84	Development and External Validation of Deep-Learning-Based Tumor Grading Models in Soft-Tissue Sarcoma Patients Using MR Imaging. Cancers, 2021, 13, 2866.	3.7	24
85	Comparison of definite chemoradiation therapy with carboplatin/paclitaxel or cisplatin/5-fluoruracil in patients with squamous cell carcinoma of the esophagus. Radiation Oncology, 2018, 13, 139.	2.7	23
86	Predicting Glioblastoma Recurrence from Preoperative MR Scans Using Fractional-Anisotropy Maps with Free-Water Suppression. Cancers, 2020, 12, 728.	3.7	23
87	Deep Learning Based HPV Status Prediction for Oropharyngeal Cancer Patients. Cancers, 2021, 13, 786.	3.7	23
88	Early Detection of Cardiovascular Changes After Radiotherapy for Breast Cancer: Protocol for a European Multicenter Prospective Cohort Study (MEDIRAD EARLY HEART Study). JMIR Research Protocols, 2018, 7, e178.	1.0	23
89	Treatment tolerance of particle therapy in pediatric patients. Acta OncolÃ³gica, 2015, 54, 1049-1055.	1.8	22
90	Stress Response Leading to Resistance in Glioblastomaâ€"The Need for Innovative Radiotherapy (iRT) Concepts. Cancers, 2016, 8, 15.	3.7	22

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91	High-precision radiotherapy for meningiomas. Strahlentherapie Und Onkologie, 2017, 193, 921-930.	2.0	22
92	Have we achieved adequate recommendations for target volume definitions in anal cancer? A PET imaging based patterns of failure analysis in the context of established contouring guidelines. BMC Cancer, 2019, 19, 742.	2.6	22
93	Sulforaphane enhances irradiation effects in terms of perturbed cell cycle progression and increased DNA damage in pancreatic cancer cells. PLoS ONE, 2017, 12, e0180940.	2.5	21
94	Essential role of radiation therapy for the treatment of pancreatic cancer. Strahlentherapie Und Onkologie, 2018, 194, 185-195.	2.0	21
95	Dual-layer spectral computed tomography: measuring relative electron density. European Radiology Experimental, 2018, 2, 20.	3.4	21
96	Sequential proton boost after standard chemoradiation for high-grade glioma. Radiotherapy and Oncology, 2017, 125, 266-272.	0.6	20
97	Comparison of neoadjuvant chemoradiation with carboplatin/ paclitaxel or cisplatin/ 5-fluoruracil in patients with squamous cell carcinoma of the esophagus. Radiation Oncology, 2017, 12, 182.	2.7	20
98	Impact of VMAT-IMRT compared to 3D conformal radiotherapy on anal sphincter dose distribution in neoadjuvant chemoradiation of rectal cancer. Radiation Oncology, 2018, 13, 237.	2.7	20
99	Efficacy of PSMA ligand PET-based radiotherapy for recurrent prostate cancer after radical prostatectomy and salvage radiotherapy. BMC Cancer, 2020, 20, 362.	2.6	20
100	Paving the Road for Modern Particle Therapyâ€‰â€“â€‰What Can We Learn from the Experience Gained with Fast Neutron Therapy in Munich?. Frontiers in Oncology, 2015, 5, 262.	2.8	19
101	A Second Course of Radiotherapy in Patients with Recurrent Malignant Gliomas: Clinical Data on Re-irradiation, Prognostic Factors, and Usefulness of Digital Biomarkers. Current Treatment Options in Oncology, 2019, 20, 71.	3.0	19
102	Radiation therapy before radical cystectomy combined with immunotherapy in locally advanced bladder cancer â€“ study protocol of a prospective, single arm, multicenter phase II trial (RACE IT). BMC Cancer, 2020, 20, 8.	2.6	19
103	Image-Guided Radiooncology: The Potential of Radiomics in Clinical Application. Recent Results in Cancer Research, 2020, 216, 773-794.	1.8	19
104	Mobile App Delivery of the EORTC QLQ-C30 Questionnaire to Assess Health-Related Quality of Life in Oncological Patients: Usability Study. JMIR MHealth and UHealth, 2018, 6, e45.	3.7	19
105	Does Proton Therapy Have a Future in CNS Tumors?. Current Treatment Options in Neurology, 2017, 19, 12.	1.8	18
106	The Role of Navigated Transcranial Magnetic Stimulation Motor Mapping in Adjuvant Radiotherapy Planning in Patients With Supratentorial Brain Metastases. Frontiers in Oncology, 2018, 8, 424.	2.8	18
107	Proton pencil minibeam irradiation of an in-vivo mouse ear model spares healthy tissue dependent on beam size. PLoS ONE, 2019, 14, e0224873.	2.5	18
108	Acute radiation syndrome-related gene expression in irradiated peripheral blood cell populations. International Journal of Radiation Biology, 2021, 97, 474-484.	1.8	18

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109	Use of acupuncture to alleviate side effects in radiation oncology: Current evidence and future directions. Advances in Radiation Oncology, 2016, 1, 344-350.	1.2	17
110	Comparison of detection methods for HPV status as a prognostic marker for loco-regional control after radiochemotherapy in patients with HNSCC. Radiotherapy and Oncology, 2018, 127, 27-35.	0.6	17
111	Dosimetric characterization of a single crystal diamond detector in X-ray beams for preclinical research. Zeitschrift Fur Medizinische Physik, 2018, 28, 303-309.	1.5	17
112	Study of Preoperative Radiotherapy for Sarcomas of the Extremities with Intensity-Modulation, Image-Guidance and Small Safety-margins (PREMISS). BMC Cancer, 2015, 15, 904.	2.6	16
113	Heart-sparing radiotherapy in patients with breast cancer: What are the techniques used in the clinical routine?. Medical Dosimetry, 2017, 42, 197-202.	0.9	16
114	mHealth and Application Technology Supporting Clinical Trials: Todayâ€™s Limitations and Future Perspective of smartRCTs. Frontiers in Oncology, 2017, 7, 37.	2.8	16
115	Optimization of carbon ion and proton treatment plans using the raster-scanning technique for patients with unresectable pancreatic cancer. Radiation Oncology, 2015, 10, 237.	2.7	15
116	Local control and possibility of tailored salvage after hypofractionated stereotactic radiotherapy of the cavity after brain metastases resection. Cancer Medicine, 2018, 7, 2350-2359.	2.8	15
117	Application of presurgical navigated transcranial magnetic stimulation motor mapping for adjuvant radiotherapy planning in patients with high-grade gliomas. Radiotherapy and Oncology, 2019, 138, 30-37.	0.6	15
118	A proof of principle experiment for microbeam radiation therapy at the Munich compact light source. Radiation and Environmental Biophysics, 2020, 59, 111-120.	1.4	15
119	Integration of PET-imaging into radiotherapy treatment planning for low-grade meningiomas improves outcome. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 1391-1399.	6.4	15
120	A balanced score to predict survival of elderly patients newly diagnosed with glioblastoma. Radiation Oncology, 2020, 15, 97.	2.7	15
121	Interfraction variation and dosimetric changes during image-guided radiation therapy in prostate cancer patients. Radiation Oncology Journal, 2019, 37, 127-133.	1.5	15
122	Stereotactic radiosurgery of brain metastases. Journal of Neurosurgical Sciences, 2016, 60, 357-66.	0.6	15
123	Review of Developments in Electronic, Clinical Data Collection, and Documentation Systems over the Last Decade â€“ Are We Ready for Big Data in Routine Health Care?. Frontiers in Oncology, 2016, 6, 75.	2.8	14
124	Rationale of hyperthermia for radio(chemo)therapy and immune responses in patients with bladder cancer: Biological concepts, clinical data, interdisciplinary treatment decisions and biological tumour imaging. International Journal of Hyperthermia, 2016, 32, 455-463.	2.5	14
125	Volumetric response of intracranial meningioma after photon or particle irradiation. Acta OncolÃ³gica, 2017, 56, 431-437.	1.8	14
126	Moving Second Courses of Radiotherapy Forward. Neurosurgery, 2018, 83, 1241-1248.	1.1	14

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127	Radiosensitization of HSF-1 Knockdown Lung Cancer Cells by Low Concentrations of Hsp90 Inhibitor NVP-AUY922. Cells, 2019, 8, 1166.	4.1	14
128	Neoadjuvant image-guided helical intensity modulated radiotherapy of extremity sarcomas â€“ a single center experience. Radiation Oncology, 2019, 14, 2.	2.7	14
129	Acute Skin Damage and Late Radiation-Induced Fibrosis and Inflammation in Murine Ears after High-Dose Irradiation. Cancers, 2019, 11, 727.	3.7	14
130	Radiation oncology as part of medical educationâ€"current status and possible digital future prospects. Strahlentherapie Und Onkologie, 2021, 197, 528-536.	2.0	14
131	Detection Efficacy of ¹⁸Fâ€rhPSMAâ€7.3 PET/CT and Impact on Management in Patients with Biochemical Recurrence of Prostate Cancer After Radical Prostatectomy and Before Potential Salvage Treatment. Journal of Nuclear Medicine, 2021, 62, 1719-1726.	5.0	14
132	Dosimetric impact of different CT datasets for stereotactic treatment planning using 3D conformal radiotherapy or volumetric modulated arc therapy. Radiation Oncology, 2015, 10, 249.	2.7	13
133	Protons, Photons, and the Prostate â€“ Is There Emerging Evidence in the Ongoing Discussion on Particle Therapy for the Treatment of Prostate Cancer?. Frontiers in Oncology, 2016, 6, 8.	2.8	13
134	Reduced volume SIB-IMRT/IGRT to head and neck cancer in elderly and frail patients: outcome and toxicity. Radiation Oncology, 2016, 11, 133.	2.7	13
135	Individualized radiotherapy by combining high-end irradiation and magnetic resonance imaging. Strahlentherapie Und Onkologie, 2016, 192, 209-215.	2.0	13
136	Trends in use and outcome of postoperative radiotherapy following mastectomy: A population-based study. Radiotherapy and Oncology, 2017, 122, 2-10.	0.6	13
137	Perioperative chemotherapy vs. neoadjuvant chemoradiation inÂgastroesophageal junction adenocarcinoma. Strahlentherapie Und Onkologie, 2018, 194, 125-135.	2.0	13
138	Moving targets in 4D-CTs versus MIP and AIP: comparison of patients data to phantom data. BMC Cancer, 2018, 18, 760.	2.6	13
139	Dosimetric impact of tumor treating field (TTField) transducer arrays onto treatment plans for glioblastomas â€“ a planning study. Radiation Oncology, 2018, 13, 31.	2.7	13
140	Cytosolic Hsp70 as a biomarker to predict clinical outcome in patients with glioblastoma. PLoS ONE, 2019, 14, e0221502.	2.5	13
141	Outcomes of immediate oncoplastic surgery and adjuvant radiotherapy in breast cancer patients. BMC Cancer, 2019, 19, 907.	2.6	13
142	The Emerging Role of miRNAs for the Radiation Treatment of Pancreatic Cancer. Cancers, 2020, 12, 3703.	3.7	13
143	Single-institutional outcome-analysis of low-dose stereotactic body radiation therapy (SBRT) of adrenal gland metastases. BMC Cancer, 2020, 20, 536.	2.6	13
144	Prognostic risk classification for biochemical relapse-free survival in patients with oligorecurrent prostate cancer after [68Ga]PSMA-PET-guided metastasis-directed therapy. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 2328-2338.	6.4	13

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145	Increased cell survival and cytogenetic integrity by spatial dose redistribution at a compact synchrotron X-ray source. PLoS ONE, 2017, 12, e0186005.	2.5	12
146	First intraindividual comparison of contrast-enhanced MRI, FET- and DOTATOC- PET in patients with intracranial meningiomas. Radiation Oncology, 2017, 12, 169.	2.7	12
147	Beam size limit for pencil minibeam radiotherapy determined from side effects in an in-vivo mouse ear model. PLoS ONE, 2019, 14, e0221454.	2.5	12
148	Report on planning comparison of VMAT, IMRT and helical tomotherapy for the ESCALOX-trial pre-study. Radiation Oncology, 2020, 15, 253.	2.7	12
149	Neurocognitive functioning and health-related quality of life in adult medulloblastoma patients: long-term outcomes of the NOA-07 study. Journal of Neuro-Oncology, 2020, 148, 117-130.	2.9	12
150	Normal Tissue Response of Combined Temporal and Spatial Fractionation in Proton Minibeam Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2021, 109, 76-83.	0.8	12
151	Neurocognitive Outcomes in Pediatric Patients Following Brain Irradiation. Cancers, 2021, 13, 3538.	3.7	12
152	Identifying a Diagnostic Window for the Use of Gene Expression Profiling to Predict Acute Radiation Syndrome. Radiation Research, 2020, 195, 38-46.	1.5	12
153	The Judicious Use of Stereotactic Radiosurgery and Hypofractionated Stereotactic Radiotherapy in the Management of Large Brain Metastases. Cancers, 2021, 13, 70.	3.7	12
154	Evaluation of inter- and intrafractional motion of liver tumors using interstitial markers and implantable electromagnetic radiotransmitters in the context of image-guided radiotherapy (IGRT) â€“ the ESMERALDA trial. Radiation Oncology, 2015, 10, 143.	2.7	11
155	Registration uncertainties between 3D cone beam computed tomography and different reference CT datasets in lung stereotactic body radiation therapy. Radiation Oncology, 2016, 11, 142.	2.7	11
156	Stereotactic irradiation of the resection cavity after surgical resection of brain metastases â€“ when is the right timing?. Acta OncolÃ³gica, 2019, 58, 1714-1719.	1.8	11
157	Incidental dose distribution to locoregional lymph nodes of breast cancer patients undergoing adjuvant radiotherapy with tomotherapy - is it time to adjust current contouring guidelines to the radiation technique?. Radiation Oncology, 2019, 14, 135.	2.7	11
158	Re-irradiation in elderly patients with glioblastoma: a single institution experience. Journal of Neuro-Oncology, 2019, 142, 327-335.	2.9	11
159	Reducing Cardiac Radiation Dose From Breast Cancer Radiation Therapy With Breath Hold Training and Cognitive Behavioral Therapy. Topics in Magnetic Resonance Imaging, 2020, 29, 135-148.	1.2	11
160	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
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