

Stephanie E Combs

List of Publications by Year in descending order

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Version: 2024-02-01

320
papers

14,147
citations

16451

64
h-index

32842

100
g-index

341
all docs

341
docs citations

341
times ranked

14266
citing authors

#	ARTICLE	IF	CITATIONS
1	Temozolomide chemotherapy alone versus radiotherapy alone for malignant astrocytoma in the elderly: the NOA-08 randomised, phase 3 trial. <i>Lancet Oncology</i> , The, 2012, 13, 707-715.	10.7	980
2	Diagnosis and treatment of brain metastases from solid tumors: guidelines from the European Association of Neuro-Oncology (EANO). <i>Neuro-Oncology</i> , 2017, 19, 162-174.	1.2	381
3	Efficacy of Fractionated Stereotactic Reirradiation in Recurrent Gliomas: Long-Term Results in 172 Patients Treated in a Single Institution. <i>Journal of Clinical Oncology</i> , 2005, 23, 8863-8869.	1.6	288
4	ESTRO-ACROP guideline –target delineation of glioblastomas–. <i>Radiotherapy and Oncology</i> , 2016, 118, 35-42.	0.6	286
5	Differentiation Therapy Exerts Antitumor Effects on Stem-like Glioma Cells. <i>Clinical Cancer Research</i> , 2010, 16, 2715-2728.	7.0	279
6	Effectiveness of Carbon Ion Radiotherapy in the Treatment of Skull-Base Chordomas. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 68, 449-457.	0.8	276
7	Stereotactic radiosurgery (SRS). <i>Cancer</i> , 2005, 104, 2168-2173.	4.1	194
8	CD8+ tumour-infiltrating lymphocytes in relation to HPV status and clinical outcome in patients with head and neck cancer after postoperative chemoradiotherapy: A multicentre study of the German cancer consortium radiation oncology group (DKTK-ROG). <i>International Journal of Cancer</i> , 2016, 138, 171-181.	5.1	184
9	Management of acoustic neuromas with fractionated stereotactic radiotherapy (FSRT): Long-term results in 106 patients treated in a single institution. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005, 63, 75-81.	0.8	183
10	Advanced-stage pancreatic cancer: therapy options. <i>Nature Reviews Clinical Oncology</i> , 2013, 10, 323-333.	27.6	183
11	Carbon ion radiotherapy of skull base chondrosarcomas. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 67, 171-177.	0.8	177
12	3D radial projection technique with ultrashort echo times for sodium MRI: Clinical applications in human brain and skeletal muscle. <i>Magnetic Resonance in Medicine</i> , 2007, 57, 74-81.	3.0	166
13	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). <i>Radiotherapy and Oncology</i> , 2014, 113, 317-323.	0.6	141
14	Detection of cranial meningiomas: comparison of 68Ga-DOTATOC PET/CT and contrast-enhanced MRI. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2012, 39, 1409-1415.	6.4	139
15	PET imaging in patients with brain metastasis –report of the RANO/PET group. <i>Neuro-Oncology</i> , 2019, 21, 585-595.	1.2	139
16	Postoperative Treatment of Primary Glioblastoma Multiforme With Radiation and Concomitant Temozolomide in Elderly Patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 70, 987-992.	0.8	138
17	Differences in Clinical Results After LINAC-Based Single-Dose Radiosurgery Versus Fractionated Stereotactic Radiotherapy for Patients With Vestibular Schwannomas. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 76, 193-200.	0.8	136
18	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). <i>Radiotherapy and Oncology</i> , 2016, 121, 364-373.	0.6	130

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19	Long-Term Outcome After Radiotherapy in Patients With Atypical and Malignant Meningiomas—Clinical Results in 85 Patients Treated in a Single Institution Leading to Optimized Guidelines for Early Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 83, 859-864.	0.8	128
20	Low Cancer Stem Cell Marker Expression and Low Hypoxia Identify Good Prognosis Subgroups in HPV(+) HNSCC after Postoperative Radiochemotherapy: A Multicenter Study of the DKTK-ROG. <i>Clinical Cancer Research</i> , 2016, 22, 2639-2649.	7.0	127
21	Intra-individual comparison of 18F-FET and 18F-DOPA in PET imaging of recurrent brain tumors. <i>Neuro-Oncology</i> , 2014, 16, 434-440.	1.2	120
22	Particle therapy at the Heidelberg Ion Therapy Center (HIT) – Integrated research-driven university-hospital-based radiation oncology service in Heidelberg, Germany. <i>Radiotherapy and Oncology</i> , 2010, 95, 41-44.	0.6	119
23	A comparison of long-term survivors and short-term survivors with glioblastoma, subventricular zone involvement: a predictive factor for survival?. <i>Radiation Oncology</i> , 2014, 9, 95.	2.7	115
24	A Phase II, Randomized, Study of Weekly APG101+Reirradiation versus Reirradiation in Progressive Glioblastoma. <i>Clinical Cancer Research</i> , 2014, 20, 6304-6313.	7.0	111
25	Mobile Health in Oncology: A Patient Survey About App-Assisted Cancer Care. <i>JMIR MHealth and UHealth</i> , 2017, 5, e81.	3.7	109
26	Skull base meningiomas: Long-term results and patient self-reported outcome in 507 patients treated with fractionated stereotactic radiotherapy (FSRT) or intensity modulated radiotherapy (IMRT). <i>Radiotherapy and Oncology</i> , 2013, 106, 186-191.	0.6	108
27	Achievement of long-term local control in patients with craniopharyngiomas using high precision stereotactic radiotherapy. <i>Cancer</i> , 2007, 109, 2308-2314.	4.1	106
28	Glioblastoma Recurrence Patterns After Radiation Therapy With Regard to the Subventricular Zone. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 886-893.	0.8	104
29	Fractionated stereotactic radiotherapy of optic pathway gliomas: Tolerance and long-term outcome. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005, 62, 814-819.	0.8	103
30	Long-term outcome of stereotactic radiosurgery (SRS) in patients with acoustic neuromas. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 64, 1341-1347.	0.8	103
31	Implementation and initial clinical experience of offline PET/CT-based verification of scanned carbon ion treatment. <i>Radiotherapy and Oncology</i> , 2013, 107, 218-226.	0.6	100
32	Prognostic significance of IDH-1 and MGMT in patients with glioblastoma: One step forward, and one step back?. <i>Radiation Oncology</i> , 2011, 6, 115.	2.7	99
33	Generation and validation of a prognostic score to predict outcome after re-irradiation of recurrent glioma. <i>Acta Oncologica</i> , 2013, 52, 147-152.	1.8	98
34	Personalized Radiotherapy Design for Glioblastoma: Integrating Mathematical Tumor Models, Multimodal Scans, and Bayesian Inference. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 1875-1884.	8.9	96
35	Heidelberg Ion Therapy Center (HIT): Initial clinical experience in the first 80 patients. <i>Acta Oncologica</i> , 2010, 49, 1132-1140.	1.8	93
36	Radiolucent Carbon Fiber–Reinforced Pedicle Screws for Treatment of Spinal Tumors: Advantages for Radiation Planning and Follow-Up Imaging. <i>World Neurosurgery</i> , 2017, 105, 294-301.	1.3	93

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37	The PD-1/PD-L1 axis and human papilloma virus in patients with head and neck cancer after adjuvant chemoradiotherapy: A multicentre study of the German Cancer Consortium Radiation Oncology Group (DKTK-ROG). <i>International Journal of Cancer</i> , 2017, 141, 594-603.	5.1	91
38	⁶⁸ Ga-PSMA-PET for radiation treatment planning in prostate cancer recurrences after surgery: Individualized medicine or new standard in salvage treatment. <i>Prostate</i> , 2017, 77, 920-927.	2.3	89
39	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) – From Preclinical Studies to a Clinical Phase II Trial. <i>Frontiers in Immunology</i> , 2015, 6, 162.	4.8	87
40	Neoadjuvant chemoradiation with Gemcitabine for locally advanced pancreatic cancer. <i>Radiation Oncology</i> , 2012, 7, 28.	2.7	86
41	Treatment of Cerebral Metastases from Breast Cancer with Stereotactic Radiosurgery. <i>Strahlentherapie Und Onkologie</i> , 2004, 180, 590-596.	2.0	84
42	Randomized phase II study evaluating a carbon ion boost applied after combined radiochemotherapy with temozolomide versus a proton boost after radiochemotherapy with temozolomide in patients with primary glioblastoma: The CLEOPATRA Trial. <i>BMC Cancer</i> , 2010, 10, 478.	2.6	83
43	Long-term outcome after highly advanced single-dose or fractionated radiotherapy in patients with vestibular schwannomas – Pooled results from 3 large German centers. <i>Radiotherapy and Oncology</i> , 2015, 114, 378-383.	0.6	83
44	Mobile Apps in Oncology: A Survey on Health Care Professionals' Attitude Toward Telemedicine, mHealth, and Oncological Apps. <i>Journal of Medical Internet Research</i> , 2016, 18, e312.	4.3	83
45	Radiochemotherapy with temozolomide as re-irradiation using high precision fractionated stereotactic radiotherapy (FSRT) in patients with recurrent gliomas. <i>Journal of Neuro-Oncology</i> , 2008, 89, 205-210.	2.9	81
46	Evaluation of different fiducial markers for image-guided radiotherapy and particle therapy. <i>Journal of Radiation Research</i> , 2013, 54, i61-i68.	1.6	79
47	Integration of ⁶⁸ Ga-PSMA-PET imaging in planning of primary definitive radiotherapy in prostate cancer: a retrospective study. <i>Radiation Oncology</i> , 2016, 11, 73.	2.7	79
48	Treatment of primary glioblastoma multiforme with cetuximab, radiotherapy and temozolomide (GERT) – phase I/II trial: study protocol. <i>BMC Cancer</i> , 2006, 6, 133.	2.6	78
49	Radiotherapeutic alternatives for previously irradiated recurrent gliomas. <i>BMC Cancer</i> , 2007, 7, 167.	2.6	78
50	Temozolomide Combined with Irradiation as Postoperative Treatment of Primary Glioblastoma Multiforme. <i>Strahlentherapie Und Onkologie</i> , 2005, 181, 372-377.	2.0	75
51	Randomised phase I/II study to evaluate carbon ion radiotherapy versus fractionated stereotactic radiotherapy in patients with recurrent or progressive gliomas: The CINDERELLA trial. <i>BMC Cancer</i> , 2010, 10, 533.	2.6	75
52	Carbon ion radiation therapy for high-risk meningiomas. <i>Radiotherapy and Oncology</i> , 2010, 95, 54-59.	0.6	75
53	Analysis of FET-PET imaging for target volume definition in patients with gliomas treated with conformal radiotherapy. <i>Radiotherapy and Oncology</i> , 2013, 109, 487-492.	0.6	74
54	Precision radiotherapy for hemangiopericytomas of the central nervous system. <i>Cancer</i> , 2005, 104, 2457-2465.	4.1	73

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55	Carbon ion radiotherapy for pediatric patients and young adults treated for tumors of the skull base. <i>Cancer</i> , 2009, 115, 1348-1355.	4.1	73
56	Radiobiological evaluation and correlation with the local effect model (LEM) of carbon ion radiation therapy and temozolomide in glioblastoma cell lines. <i>International Journal of Radiation Biology</i> , 2009, 85, 126-137.	1.8	71
57	Radiomics in radiooncology – Challenging the medical physicist. <i>Physica Medica</i> , 2018, 48, 27-36.	0.7	71
58	Randomised trial of proton vs. carbon ion radiation therapy in patients with chordoma of the skull base, clinical phase III study HIT-1-Study. <i>BMC Cancer</i> , 2010, 10, 607.	2.6	70
59	Hypofractionated carbon ion therapy delivered with scanned ion beams for patients with hepatocellular carcinoma – feasibility and clinical response. <i>Radiation Oncology</i> , 2013, 8, 59.	2.7	70
60	State-of-the-art treatment alternatives for base of skull meningiomas: complementing and controversial indications for neurosurgery, stereotactic and robotic based radiosurgery or modern fractionated radiation techniques. <i>Radiation Oncology</i> , 2012, 7, 226.	2.7	68
61	Prospective evaluation of early treatment outcome in patients with meningiomas treated with particle therapy based on target volume definition with MRI and ⁶⁸ Ga-DOTATOC-PET. <i>Acta Oncologica</i> , 2013, 52, 514-520.	1.8	68
62	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. <i>Frontiers in Immunology</i> , 2015, 6, 556.	4.8	67
63	Oligometastases from prostate cancer: local treatment with stereotactic body radiotherapy (SBRT). <i>BMC Cancer</i> , 2017, 17, 361.	2.6	67
64	A Five-MicroRNA Signature Predicts Survival and Disease Control of Patients with Head and Neck Cancer Negative for HPV Infection. <i>Clinical Cancer Research</i> , 2019, 25, 1505-1516.	7.0	67
65	Carbon ion radiotherapy performed as re-irradiation using active beam delivery in patients with tumors of the brain, skull base and sacral region. <i>Radiotherapy and Oncology</i> , 2011, 98, 63-67.	0.6	64
66	Comparison of ⁶⁸ Ga-DOTATOC-PET/CT and PET/MRI hybrid systems in patients with cranial meningioma: Initial results. <i>Neuro-Oncology</i> , 2015, 17, 312-319.	1.2	64
67	Neuro-oncology management during the COVID-19 pandemic with a focus on WHO grades III and IV gliomas. <i>Neuro-Oncology</i> , 2020, 22, 928-935.	1.2	62
68	Long term results after fractionated stereotactic radiotherapy (FSRT) in patients with craniopharyngioma: maximal tumor control with minimal side effects. <i>Radiation Oncology</i> , 2014, 9, 203.	2.7	60
69	Improved Correlation of the Neuropathologic Classification According to Adapted World Health Organization Classification and Outcome After Radiotherapy in Patients With Atypical and Anaplastic Meningiomas. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, 1415-1421.	0.8	59
70	Biopsy Targeting Gliomas. <i>Investigative Radiology</i> , 2010, 45, 755-768.	6.2	57
71	–Radio-oncomics–. <i>Strahlentherapie Und Onkologie</i> , 2017, 193, 767-779.	2.0	57
72	CT-based radiomic features predict tumor grading and have prognostic value in patients with soft tissue sarcomas treated with neoadjuvant radiation therapy. <i>Radiotherapy and Oncology</i> , 2019, 135, 187-196.	0.6	57

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73	Randomised trial of proton vs. carbon ion radiation therapy in patients with low and intermediate grade chondrosarcoma of the skull base, clinical phase III study. <i>BMC Cancer</i> , 2010, 10, 606.	2.6	56
74	Non-randomized therapy trial to determine the safety and efficacy of heavy ion radiotherapy in patients with non-resectable osteosarcoma. <i>BMC Cancer</i> , 2010, 10, 96.	2.6	56
75	Multicenter pilot study of radiochemotherapy as first-line treatment for adults with medulloblastoma (NOA-07). <i>Neuro-Oncology</i> , 2018, 20, 400-410.	1.2	56
76	Proton and carbon ion radiotherapy for primary brain tumors and tumors of the skull base. <i>Acta Oncologica</i> , 2013, 52, 1504-1509.	1.8	55
77	Enzastaurin before and concomitant with radiation therapy, followed by enzastaurin maintenance therapy, in patients with newly diagnosed glioblastoma without MGMT promoter hypermethylation. <i>Neuro-Oncology</i> , 2013, 15, 1405-1412.	1.2	53
78	In vitro evaluation of photon and carbon ion radiotherapy in combination with chemotherapy in glioblastoma cells. <i>Radiation Oncology</i> , 2012, 7, 9.	2.7	50
79	Reirradiation Using Carbon Ions in Patients with Locally Recurrent Rectal Cancer at HIT: First Results. <i>Annals of Surgical Oncology</i> , 2015, 22, 2068-2074.	1.5	50
80	Heat shock protein 70 and tumor-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 (DKTK-ROG). <i>International Journal of Cancer</i> , 2018, 142, 1911-1925.	5.1	50
81	First statement on preparation for the COVID-19 pandemic in large German Speaking University-based radiation oncology departments. <i>Radiation Oncology</i> , 2020, 15, 74.	2.7	50
82	Treatment of patients with atypical meningiomas Simpson grade 4 and 5 with a carbon ion boost in combination with postoperative photon radiotherapy: The MARCIE Trial. <i>BMC Cancer</i> , 2010, 10, 615.	2.6	48
83	First experiences in treatment of low-grade glioma grade I and II with proton therapy. <i>Radiation Oncology</i> , 2012, 7, 189.	2.7	48
84	Retrospective Analysis of Radiological Recurrence Patterns in Glioblastoma, Their Prognostic Value And Association to Postoperative Infarct Volume. <i>Scientific Reports</i> , 2018, 8, 4561.	3.3	48
85	Outcome and Prognostic Factors of Radiation Therapy for Medulloblastoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, e7-e13.	0.8	47
86	Primary glioblastoma cultures: can profiling of stem cell markers predict radiotherapy sensitivity?. <i>Journal of Neurochemistry</i> , 2014, 131, 251-264.	3.9	47
87	Multi-institutional Analysis of Prognostic Factors and Outcomes After Hypofractionated Stereotactic Radiotherapy to the Resection Cavity in Patients With Brain Metastases. <i>JAMA Oncology</i> , 2020, 6, 1901.	7.1	47
88	Phase I/II trial evaluating carbon ion radiotherapy for the treatment of recurrent rectal cancer: the PANDORA-01 trial. <i>BMC Cancer</i> , 2012, 12, 137.	2.6	46
89	Proton and carbon ion radiotherapy for primary brain tumors delivered with active raster scanning at the Heidelberg Ion Therapy Center (HIT): early treatment results and study concepts. <i>Radiation Oncology</i> , 2012, 7, 41.	2.7	46
90	Chemoradiation in patients with isolated recurrent pancreatic cancer - therapeutical efficacy and probability of re-resection. <i>Radiation Oncology</i> , 2013, 8, 27.	2.7	46

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91	Comparison of the effects of photon versus carbon ion irradiation when combined with chemotherapy in vitro. <i>Radiation Oncology</i> , 2013, 8, 260.	2.7	46
92	Intensity modulated radiotherapy (IMRT) in patients with carcinomas of the paranasal sinuses: clinical benefit for complex shaped target volumes. <i>Radiation Oncology</i> , 2006, 1, 23.	2.7	45
93	Intensity Modulated Radiotherapy (IMRT) and Fractionated Stereotactic Radiotherapy (FSRT) for children with head-and-neck-rhabdomyosarcoma. <i>BMC Cancer</i> , 2007, 7, 177.	2.6	45
94	Reirradiation in progressive high-grade gliomas: outcome, role of concurrent chemotherapy, prognostic factors and validation of a new prognostic score with an independent patient cohort. <i>Radiation Oncology</i> , 2013, 8, 161.	2.7	45
95	Development and Validation of a Gene Signature for Patients with Head and Neck Carcinomas Treated by Postoperative Radio(chemo)therapy. <i>Clinical Cancer Research</i> , 2018, 24, 1364-1374.	7.0	45
96	Treatment of pediatric patients and young adults with particle therapy at the Heidelberg Ion Therapy Center (HIT): establishment of workflow and initial clinical data. <i>Radiation Oncology</i> , 2012, 7, 170.	2.7	44
97	Four-Dimensional Patient Dose Reconstruction for Scanned Ion Beam Therapy of Moving Liver Tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 89, 175-181.	0.8	43
98	Clinical implementation and range evaluation of in vivo PET dosimetry for particle irradiation in patients with primary glioma. <i>Radiotherapy and Oncology</i> , 2015, 115, 179-185.	0.6	43
99	Human Glioma Migration and Infiltration Properties as a Target for Personalized Radiation Medicine. <i>Cancers</i> , 2018, 10, 456.	3.7	43
100	Combining multimodal imaging and treatment features improves machine learning-based prognostic assessment in patients with glioblastoma multiforme. <i>Cancer Medicine</i> , 2019, 8, 128-136.	2.8	43
101	Carbon Ion Irradiation Inhibits Glioma Cell Migration Through Downregulation of Integrin Expression. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 83, 394-399.	0.8	42
102	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. <i>Radiotherapy and Oncology</i> , 2013, 108, 132-135.	0.6	42
103	Cachectic Body Composition and Inflammatory Markers Portend a Poor Prognosis in Patients with Locally Advanced Pancreatic Cancer Treated with Chemoradiation. <i>Cancers</i> , 2019, 11, 1655.	3.7	42
104	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
105	Local High-Dose Radiotherapy and Sparing of Normal Tissue Using Intensity-Modulated Radiotherapy (IMRT) for Mucosal Melanoma of the Nasal Cavity and Paranasal Sinuses. <i>Strahlentherapie Und Onkologie</i> , 2007, 183, 63-68.	2.0	41
106	Radiochemotherapy in Patients With Primary Glioblastoma Comparing Two Temozolomide Dose Regimens. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 71, 999-1005.	0.8	41
107	Single-dose radiosurgical treatment for hepatic metastases - therapeutic outcome of 138 treated lesions from a single institution. <i>Radiation Oncology</i> , 2013, 8, 175.	2.7	41
108	Dosimetric Comparison of Proton Radiation Therapy, Volumetric Modulated Arc Therapy, and Three-Dimensional Conformal Radiotherapy Based on Intracranial Tumor Location. <i>Cancers</i> , 2018, 10, 401.	3.7	41

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109	ESTRO ACROP guideline for target volume delineation of skull base tumors. <i>Radiotherapy and Oncology</i> , 2021, 156, 80-94.	0.6	41
110	Hearing preservation after radiotherapy for vestibular schwannomas is comparable to hearing deterioration in healthy adults and is accompanied by local tumor control and a highly preserved quality of life (QOL) as patients' self-reported outcome. <i>Radiotherapy and Oncology</i> , 2013, 106, 175-180.	0.6	40
111	Increased heat shock protein 70 (Hsp70) serum levels and low NK cell counts after radiotherapy – potential markers for predicting breast cancer recurrence?. <i>Radiation Oncology</i> , 2019, 14, 78.	2.7	40
112	Assessment of Early Toxicity and Response in Patients Treated With Proton and Carbon Ion Therapy at the Heidelberg Ion Therapy Center Using the Raster Scanning Technique. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, e793-e801.	0.8	39
113	Five-year experience with setup and implementation of an integrated database system for clinical documentation and research. <i>Computer Methods and Programs in Biomedicine</i> , 2014, 114, 206-217.	4.7	39
114	HFSRT of the resection cavity in patients with brain metastases. <i>Strahlentherapie Und Onkologie</i> , 2016, 192, 368-376.	2.0	39
115	Phase i study evaluating the treatment of patients with hepatocellular carcinoma (HCC) with carbon ion radiotherapy: The PROMETHEUS-01 trial. <i>BMC Cancer</i> , 2011, 11, 67.	2.6	37
116	Comparison of intensity modulated radiotherapy (IMRT) with intensity modulated particle therapy (IMPT) using fixed beams or an ion gantry for the treatment of patients with skull base meningiomas. <i>Radiation Oncology</i> , 2012, 7, 44.	2.7	37
117	Intensity modulated radiotherapy as neoadjuvant chemoradiation for the treatment of patients with locally advanced pancreatic cancer. <i>Strahlentherapie Und Onkologie</i> , 2013, 189, 738-744.	2.0	37
118	Outcome after neoadjuvant chemoradiation and correlation with nutritional status in patients with locally advanced pancreatic cancer. <i>Strahlentherapie Und Onkologie</i> , 2013, 189, 745-752.	2.0	37
119	Independent validation of a new reirradiation risk score (RRRS) for glioma patients predicting post-recurrence survival: A multicenter DTK/ROG analysis. <i>Radiotherapy and Oncology</i> , 2018, 127, 121-127.	0.6	37
120	Clinical outcome after particle therapy for meningiomas of the skull base: toxicity and local control in patients treated with active rasterscanning. <i>Radiation Oncology</i> , 2018, 13, 54.	2.7	37
121	On the cost-effectiveness of Carbon ion radiation therapy for skull base chordoma. <i>Radiotherapy and Oncology</i> , 2007, 83, 133-138.	0.6	36
122	In vitro evaluation of photon and raster-scanned carbon ion radiotherapy in combination with gemcitabine in pancreatic cancer cell lines. <i>Journal of Radiation Research</i> , 2013, 54, i113-i119.	1.6	36
123	Validation of an established prognostic score after re-irradiation of recurrent glioma. <i>Acta Oncologica</i> , 2017, 56, 422-426.	1.8	36
124	Semantic imaging features predict disease progression and survival in glioblastoma multiforme patients. <i>Strahlentherapie Und Onkologie</i> , 2018, 194, 580-590.	2.0	36
125	Prior surgical intervention and tumor size impact clinical outcome after precision radiotherapy for the treatment of optic nerve sheath meningiomas (ONSM). <i>Radiation Oncology</i> , 2011, 6, 117.	2.7	35
126	The stability of osseous metastases of the spine in lung cancer – a retrospective analysis of 338 cases. <i>Radiation Oncology</i> , 2013, 8, 200.	2.7	35

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127	Re-irradiation in the treatment of patients with cerebral metastases of solid tumors: retrospective analysis. <i>Radiation Oncology</i> , 2014, 9, 4.	2.7	35
128	Comparative analysis of the effects of radiotherapy versus radiotherapy after adjuvant chemotherapy on the composition of lymphocyte subpopulations in breast cancer patients. <i>Radiotherapy and Oncology</i> , 2016, 118, 176-180.	0.6	35
129	Evaluation of particle radiotherapy for the re-irradiation of recurrent intracranial meningioma. <i>Radiation Oncology</i> , 2018, 13, 86.	2.7	35
130	In Vitro Responsiveness of Glioma Cell Lines to Multimodality Treatment With Radiotherapy, Temozolomide, and Epidermal Growth Factor Receptor Inhibition With Cetuximab. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 68, 873-882.	0.8	34
131	Efficacy and toxicity of whole brain radiotherapy in patients with multiple cerebral metastases from malignant melanoma. <i>Radiation Oncology</i> , 2012, 7, 130.	2.7	34
132	The Relative Biological Effectiveness for Carbon and Oxygen Ion Beams Using the Raster-Scanning Technique in Hepatocellular Carcinoma Cell Lines. <i>PLoS ONE</i> , 2014, 9, e113591.	2.5	34
133	Re-irradiation of recurrent gliomas: pooled analysis and validation of an established prognostic score—report of the Radiation Oncology Group (<sc>ROG</sc>) of the German Cancer Consortium (<sc>DKTK</sc>). <i>Cancer Medicine</i> , 2018, 7, 1742-1749.	2.8	34
134	PSMA-PET based radiotherapy: a review of initial experiences, survey on current practice and future perspectives. <i>Radiation Oncology</i> , 2018, 13, 90.	2.7	34
135	MicroRNA expression profiling for the prediction of resistance to neoadjuvant radiochemotherapy in squamous cell carcinoma of the esophagus. <i>Journal of Translational Medicine</i> , 2018, 16, 109.	4.4	34
136	2D and 3D convolutional neural networks for outcome modelling of locally advanced head and neck squamous cell carcinoma. <i>Scientific Reports</i> , 2020, 10, 15625.	3.3	34
137	Reirradiation of Recurrent WHO Grade III Astrocytomas Using Fractionated Stereotactic Radiotherapy (FSRT). <i>Strahlentherapie Und Onkologie</i> , 2005, 181, 768-773.	2.0	33
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