Kerstin A Kessel

List of Publications by Year
in descending order

71 papers	**1,541** citations	279487 **23** h-index	360668 **35** g-index
76 all docs	**76** docs citations	**76** times ranked	**2485** citing authors

#	Article	IF	Citations
1	Evaluation of First-line Radiosurgery vs Whole-Brain Radiotherapy for Small Cell Lung Cancer Brain Metastases. JAMA Oncology, 2020, 6, 1028.	3.4	122
2	Mobile Health in Oncology: A Patient Survey About App-Assisted Cancer Care. JMIR MHealth and UHealth, 2017, 5, e81.	1.8	109
3	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.	2.1	83
4	Oligometastases from prostate cancer: local treatment with stereotactic body radiotherapy (SBRT). BMC Cancer, 2017, 17, 361.	1.1	67
5	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.	0.4	49
6	First experiences in treatment of low-grade glioma grade I and II with proton therapy. Radiation Oncology, 2012, 7, 189.	1.2	48
7	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.	3.4	47
8	Treatment of pediatric patients and young adults with particle therapy at the Heidelberg Ion Therapy Center (HIT): establishment of workflow and initial clinical data. Radiation Oncology, 2012, 7, 170.	1.2	44
9	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.	1.1	44
10	Human Glioma Migration and Infiltration Properties as a Target for Personalized Radiation Medicine. Cancers, 2018, 10, 456.	1.7	43
11	Combining multimodal imaging and treatment features improves machine learningâ€based prognostic assessment in patients with glioblastoma multiforme. Cancer Medicine, 2019, 8, 128-136.	1.3	43
12	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.	2.6	39
13	HFSRT of the resection cavity in patients with brain metastases. Strahlentherapie Und Onkologie, 2016, 192, 368-376.	1.0	39
14	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.	0.3	37
15	Clinical outcome after particle therapy for meningiomas of the skull base: toxicity and local control in patients treated with active rasterscanning. Radiation Oncology, 2018, 13, 54.	1.2	37
16	Validation of an established prognostic score after re-irradiation of recurrent glioma. Acta OncolÃ³gica, 2017, 56, 422-426.	0.8	36
17	Semantic imaging features predict disease progression and survival in glioblastoma multiforme patients. Strahlentherapie Und Onkologie, 2018, 194, 580-590.	1.0	36
18	Evaluation of particle radiotherapy for the re-irradiation of recurrent intracranial meningioma. Radiation Oncology, 2018, 13, 86.	1.2	35

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19	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.	1.3	34
20	Modification and optimization of an established prognostic score after re-irradiation of recurrent glioma. PLoS ONE, 2017, 12, e0180457.	1.1	32
21	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.	0.7	31
22	Complementary and alternative medicine in radiation oncology. Strahlentherapie Und Onkologie, 2017, 193, 419-425.	1.0	26
23	Fractionated vs. single-fraction stereotactic radiotherapy in patients with vestibular schwannoma. Strahlentherapie Und Onkologie, 2017, 193, 192-199.	1.0	26
24	Cavity volume changes after surgery of aÂbrain metastasisâ€"consequences for stereotactic radiation therapy. Strahlentherapie Und Onkologie, 2019, 195, 207-217.	1.0	26
25	Clinical response and tumor control based on longâ€term followâ€up and patientâ€reported outcomes in patients with chemodectomas of the skull base and head and neck region treated with highly conformal radiation therapy. Head and Neck, 2014, 36, 22-27.	0.9	23
26	Treatment tolerance of particle therapy in pediatric patients. Acta OncolÃ³gica, 2015, 54, 1049-1055.	0.8	22
27	High-precision radiotherapy for meningiomas. Strahlentherapie Und Onkologie, 2017, 193, 921-930.	1.0	22
28	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.	1.3	19
29	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.	1.8	19
30	Use of acupuncture to alleviate side effects in radiation oncology: Current evidence and future directions. Advances in Radiation Oncology, 2016, 1, 344-350.	0.6	17
31	mHealth and Application Technology Supporting Clinical Trials: Todayâ€™s Limitations and Future Perspective of smartRCTs. Frontiers in Oncology, 2017, 7, 37.	1.3	16
32	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.	3.3	15
33	A balanced score to predict survival of elderly patients newly diagnosed with glioblastoma. Radiation Oncology, 2020, 15, 97.	1.2	15
34	Interfraction variation and dosimetric changes during image-guided radiation therapy in prostate cancer patients. Radiation Oncology Journal, 2019, 37, 127-133.	0.7	15
35	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.	1.3	14
36	Moving Second Courses of Radiotherapy Forward. Neurosurgery, 2018, 83, 1241-1248.	0.6	14

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37	Neoadjuvant image-guided helical intensity modulated radiotherapy of extremity sarcomas â€" a single center experience. Radiation Oncology, 2019, 14, 2.	1.2	14
38	Cytosolic Hsp70 as a biomarker to predict clinical outcome in patients with glioblastoma. PLoS ONE, 2019, 14, e0221502.	1.1	13
39	Single-institutional outcome-analysis of low-dose stereotactic body radiation therapy (SBRT) of adrenal gland metastases. BMC Cancer, 2020, 20, 536.	1.1	13
40	Connection of European particle therapy centers and generation of a common particle database system within the European ULICE-framework. Radiation Oncology, 2012, 7, 115.	1.2	11
41	Stereotactic irradiation of the resection cavity after surgical resection of brain metastases â€" when is the right timing?. Acta OncolÃ³gica, 2019, 58, 1714-1719.	0.8	11
42	Development and validation of automatic tools for interactive recurrence analysis in radiation therapy: optimization of treatment algorithms for locally advanced pancreatic cancer. Radiation Oncology, 2013, 8, 138.	1.2	10
43	Treatment-related features improve machine learning prediction of prognosis in soft tissue sarcoma patients. Strahlentherapie Und Onkologie, 2018, 194, 824-834.	1.0	9
44	Complementary medicine in radiation oncology. Strahlentherapie Und Onkologie, 2018, 194, 904-910.	1.0	9
45	Feasibility and Outcome of PSMA-PET-Based Dose-Escalated Salvage Radiotherapy Versus Conventional Salvage Radiotherapy for Patients With Recurrent Prostate Cancer. Frontiers in Oncology, 2021, 11, 715020.	1.3	9
46	Data management, documentation and analysis systems in radiation oncology: a multi-institutional survey. Radiation Oncology, 2015, 10, 230.	1.2	8
47	Helical intensity-modulated radiotherapy of the pelvic lymph nodes with a simultaneous integrated boost to the prostate - first results of the PLATIN 1 trial. BMC Cancer, 2015, 15, 868.	1.1	7
48	A trend towards a more intense adjuvant treatment of low-grade-gliomas in tertiary centers in Germany after RTOG 9802 â€" results from a multi-center survey. BMC Cancer, 2018, 18, 907.	1.1	7
49	Randomized study exploring the combination of radiotherapy with two types of acupuncture treatment (ROSETTA): study protocol for a randomized controlled trial. Trials, 2017, 18, 398.	0.7	6
50	Cancer clinical trials â€" Survey evaluating patient participation and acceptance in a university-based Comprehensive Cancer Center (CCC). Clinical and Translational Radiation Oncology, 2018, 13, 44-49.	0.9	6
51	Adjuvant versus early salvage radiotherapy: outcome of patients with prostate cancer treated with postoperative radiotherapy after radical prostatectomy. Radiation Oncology, 2019, 14, 198.	1.2	6
52	Patient-Reported Outcome (PRO) as an Addition to Long-Term Results after High-Precision Stereotactic Radiotherapy in Patients with Secreting and Non-Secreting Pituitary Adenomas: A Retrospective Cohort Study up to 17-Years Follow-Up. Cancers, 2019, 11, 1884.	1.7	6
53	Analysis of using high-precision radiotherapy in the treatment of liver metastases regarding toxicity and survival. BMC Cancer, 2021, 21, 780.	1.1	6
54	MRI- and CT-determined changes of dysphagia / aspiration-related structures (DARS) during and after radiotherapy. PLoS ONE, 2020, 15, e0237501.	1.1	5

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55	Stereotactic body radiotherapy (SBRT) in patients with lung metastases - prognostic factors and long-term survival using patient self-reported outcome (PRO). BMC Cancer, 2020, 20, 442.	1.1	5
56	Changes in Gross Tumor Volume and Organ Motion Analysis During Neoadjuvant Radiochemotherapy in Patients With Locally Advanced Pancreatic Cancer Using an In-House Analysis System. Technology in Cancer Research and Treatment, 2016, 15, 348-354.	0.8	4
57	Early and late toxicity profiles of patients receiving immediate postoperative radiotherapy versus salvage radiotherapy for prostate cancer after prostatectomy. Strahlentherapie Und Onkologie, 2019, 195, 131-144.	1.0	4
58	Prospective evaluation of multitarget treatment of pediatric patients with helical intensity-modulated radiotherapy. Strahlentherapie Und Onkologie, 2020, 196, 1103-1115.	1.0	4
59	Web-Based Patient Self-Reported Outcome After Radiotherapy in Adolescents and Young Adults With Cancer: Survey on Acceptance of Digital Tools. JMIR MHealth and UHealth, 2021, 9, e19727.	1.8	4
60	Digital biomarkers: Importance of patient stratification for re-irradiation of glioma patients â€" Review of latest developments regarding scoring assessment. Physica Medica, 2019, 67, 20-26.	0.4	2
61	Is local radiotherapy a viable option for patients with an opening of the ventricles during surgical resection of brain metastases?. Radiation Oncology, 2020, 15, 276.	1.2	2
62	Coronavirus disease 2019 and radiation oncologyâ€"survey on the impact of the severe acute respiratory syndrome coronavirus 2 pandemic on health care professionals in radiation oncology. Strahlentherapie Und Onkologie, 2022, 198, 346-353.	1.0	2
63	Web-based documentation system with exchange of DICOM RT for multicenter clinical studies in particle therapy. , 2012, , .		1
64	Errors in Hazard Ratios, Labels in Figures, and Text. JAMA Oncology, 2020, 6, 1984.	3.4	1
65	An evaluation system for electronic retrospective analyses in radiation oncology: implemented exemplarily for pancreatic cancer. Proceedings of SPIE, 2013, , .	0.8	0
66	Title is missing!. , 2020, 15, e0237501.		0
67	Title is missing!. , 2020, 15, e0237501.		0
68	Title is missing!. , 2020, 15, e0237501.		0
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71	Title is missing!. , 2020, 15, e0237501.		0