Kristin J Redmond

List of Publications by Year
in descending order

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		201674	182427
107	3,051	27	51
papers	citations	h-index	g-index

109	109	109	3857
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Concurrent Immune Checkpoint Inhibitors and Stereotactic Radiosurgery for Brain Metastases in Non-Small Cell Lung Cancer, Melanoma, and Renal Cell Carcinoma. International Journal of Radiation Oncology Biology Physics, 2018, 100, 916-925.	0.8	257
2	Single- and Multifraction Stereotactic Radiosurgery Dose/Volume Tolerances of the Brain. International Journal of Radiation Oncology Biology Physics, 2021, 110, 68-86.	0.8	164
3	Postradiation imaging changes in the CNS: how can we differentiate between treatment effect and disease progression?. Future Oncology, 2014, 10, 1277-1297.	2.4	143
4	Increased Subventricular Zone Radiation Dose Correlates With Survival in Glioblastoma Patients After Gross Total Resection. International Journal of Radiation Oncology Biology Physics, 2013, 86, 616-622.	0.8	121
5	Consensus Contouring Guidelines for Postoperative Stereotactic Body Radiation Therapy for Metastatic Solid Tumor MalignanciesÂto the Spine. International Journal of Radiation Oncology Biology Physics, 2017, 97, 64-74.	0.8	113
6	Association between radiation dose to neuronal progenitor cell niches and temporal lobes and performance on neuropsychological testing in children: a prospective study. Neuro-Oncology, 2013, 15, 360-369.	1.2	111
7	Radiosurgery of Glomus Jugulare Tumors: A Meta-Analysis. International Journal of Radiation Oncology Biology Physics, 2011, 81, e497-e502.	0.8	107
8	Distinguishing True Progression From Radionecrosis After Stereotactic Radiation Therapy for Brain Metastases With Machine Learning and Radiomics. International Journal of Radiation Oncology Biology Physics, 2018, 102, 1236-1243.	0.8	103
9	Quantification of Tumor Volume Changes During Radiotherapy for Nonâ€“Small-Cell Lung Cancer. International Journal of Radiation Oncology Biology Physics, 2009, 74, 341-348.	0.8	101
10	Postoperative Stereotactic Body RadiationÂTherapy (SBRT) for Spine Metastases: A Critical Review toÂGuide Practice. International Journal of Radiation Oncology Biology Physics, 2016, 95, 1414-1428.	0.8	88
11	Consensus guidelines for postoperative stereotactic body radiation therapy for spinal metastases: results of an international survey. Journal of Neurosurgery: Spine, 2017, 26, 299-306.	1.7	88
12	Invasive adenoma and pituitary carcinoma: a SEER database analysis. Neurosurgical Review, 2014, 37, 279-286.	2.4	74
13	Glioblastoma recurrence patterns near neural stem cell regions. Radiotherapy and Oncology, 2015, 116, 294-300.	0.6	69
14	Respiratory Motion Changes of Lung Tumors Over the Course of Radiation Therapy Based on Respiration-Correlated Four-Dimensional Computed Tomography Scans. International Journal of Radiation Oncology Biology Physics, 2009, 75, 1605-1612.	0.8	65
15	A prospective evaluation of hippocampal radiation dose volume effects and memory deficits following cranial irradiation. Radiotherapy and Oncology, 2017, 125, 234-240.	0.6	65
16	Tumor Control Probability of Radiosurgery and Fractionated Stereotactic Radiosurgery for Brain Metastases. International Journal of Radiation Oncology Biology Physics, 2021, 110, 53-67.	0.8	62
17	Prospective Study of Hippocampal-Sparing Prophylactic Cranial Irradiation in Limited-Stage Small Cell Lung Cancer. International Journal of Radiation Oncology Biology Physics, 2017, 98, 603-611.	0.8	61
18	Localized CT-Guided Irradiation Inhibits Neurogenesis in Specific Regions of the Adult Mouse Brain. Radiation Research, 2011, 175, 774-783.	1.5	52

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19	Evaluation of Definitive Stereotactic Body Radiotherapy and Outcomes in Adults With Extracranial Oligometastasis. JAMA Network Open, 2020, 3, e2026312.	5.9	51
20	A Phase 2 Study of Post-Operative Stereotactic Body Radiation Therapy (SBRT) for Solid Tumor Spine Metastases. International Journal of Radiation Oncology Biology Physics, 2020, 106, 261-268.	0.8	49
21	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
22	Stereotactic spine radiosurgery: Review of safety and efficacy with respect to dose and fractionation. , 2017, 8, 30.		47
23	International consensus recommendations for target volume delineation specific to sacral metastases and spinal stereotactic body radiation therapy (SBRT). Radiotherapy and Oncology, 2020, 145, 21-29.	0.6	40
24	Spinal metastases 2021: a review of the current state of the art and future directions. Spine Journal, 2021, 21, 1414-1429.	1.3	38
25	Stereotactic Radiosurgery for Postoperative Metastatic Surgical Cavities: A Critical Review and International Stereotactic Radiosurgery Society (ISRS) Practice Guidelines. International Journal of Radiation Oncology Biology Physics, 2021, 111, 68-80.	0.8	38
26	Stereotactic Radiosurgery: Treatment ofÂBrainÂMetastasis Without Interruption ofÂSystemic Therapy. International Journal of Radiation Oncology Biology Physics, 2016, 95, 735-742.	0.8	37
27	Pembrolizumab for patients with leptomeningeal metastasis from solid tumors: efficacy, safety, and cerebrospinal fluid biomarkers. , 2021, 9, e002473.		33
28	Stereotactic Radiosurgery for Glioblastoma. Cureus, 2015, 7, e413.	0.5	32
29	Association of a Simulated Institutional Gender Equity Initiative With Gender-Based Disparities in Medical School Faculty Salaries and Promotions. JAMA Network Open, 2018, 1, e186054.	5.9	30
30	The evolution and rise of stereotactic body radiotherapy (SBRT) for spinal metastases. Expert Review of Anticancer Therapy, 2018, 18, 887-900.	2.4	30
31	Adjuvant Chemoradiation Therapy for Adenocarcinoma of the Distal Pancreas. Annals of Surgical Oncology, 2010, 17, 3112-3119.	1.5	28
32	Association of Neuronal Injury in the Genu and Body of Corpus Callosum After Cranial Irradiation in Children With Impaired Cognitive Control: A Prospective Study. International Journal of Radiation Oncology Biology Physics, 2018, 101, 1234-1242.	0.8	27
33	Prognostic factors associated with pain palliation after spine stereotactic body radiation therapy. Journal of Neurosurgery: Spine, 2015, 23, 620-629.	1.7	26
34	A multi-national report on stereotactic body radiotherapy for oligometastases: Patient selection and follow-up*. Acta OncolÃ³gica, 2016, 55, 633-637.	1.8	26
35	Prospective acceleration of parallel RF transmissionâ€based 3D chemical exchange saturation transfer imaging with compressed sensing. Magnetic Resonance in Medicine, 2019, 82, 1812-1821.	3.0	25
36	Stereotactic Body Radiation Therapy for Nonspine Bone Metastases: International Practice Patterns to Guide Treatment Planning. Practical Radiation Oncology, 2020, 10, e452-e460.	2.1	24

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37	A radiotherapy technique to limit dose to neural progenitor cell niches without compromising tumor coverage. Journal of Neuro-Oncology, 2011, 104, 579-587.	2.9	23
38	Implications of irradiating the subventricular zone stem cell niche. Stem Cell Research, 2016, 16, 387-396.	0.7	23
39	A prospective evaluation of whole brain volume loss and neurocognitive decline following hippocampal-sparing prophylactic cranial irradiation for limited-stage small-cell lung cancer. Journal of Neuro-Oncology, 2019, 144, 351-358.	2.9	23
40	Normal tissue complication probability of vertebral compression fracture after stereotactic body radiotherapy for de novo spine metastasis. Radiotherapy and Oncology, 2020, 150, 142-149.	0.6	22
41	An analysis of a large multi-institutional database reveals important associations between treatment parameters and clinical outcomes for stereotactic body radiotherapy (SBRT) of oligometastatic colorectal cancer. Radiotherapy and Oncology, 2022, 167, 187-194.	0.6	21
42	Single versus multiple session stereotactic body radiotherapy for spinal metastasis: the riskâ€“benefit ratio. Future Oncology, 2015, 11, 2405-2415.	2.4	20
43	Re-irradiation for malignant glioma: Toward patient selection and defining treatment parameters for salvage. Advances in Radiation Oncology, 2018, 3, 582-590.	1.2	20
44	Letter to the Editor. Neuro-Oncology, 2013, 15, 1455-1455.	1.2	19
45	Progressive Low-Grade Glioma: Assessment of Prognostic Importance of Histologic Reassessment and MRI Findings. World Neurosurgery, 2017, 99, 751-757.	1.3	19
46	Radiation Necrosis from Stereotactic Radiosurgeryâ€”How Do We Mitigate?. Current Treatment Options in Oncology, 2021, 22, 57.	3.0	19
47	Extra-CNS metastasis from glioblastoma: a rare clinical entity. Expert Review of Anticancer Therapy, 2015, 15, 545-552.	2.4	18
48	Spinal metastases: multimodality imaging in diagnosis and stereotactic body radiation therapy planning. Future Oncology, 2017, 13, 77-91.	2.4	17
49	Updated risk models demonstrate low risk of symptomatic radionecrosis following stereotactic radiosurgery for brain metastases. , 2019, 10, 32.		15
50	A prospective study of cerebral, frontal lobe, and temporal lobe volumes and neuropsychological performance in children with primary brain tumors treated with cranial radiation. Cancer, 2017, 123, 161-168.	4.1	14
51	Local recurrence patterns after postoperative stereotactic radiation surgery to resected brain metastases: A quantitative analysis to guide target delineation. Practical Radiation Oncology, 2018, 8, 388-396.	2.1	14
52	An Integrated Program in a Pandemic: Johns Hopkins Radiation Oncology Department. Advances in Radiation Oncology, 2020, 5, 666-672.	1.2	14
53	An international pooled analysis of SBRT outcomes to oligometastatic spine and non-spine bone metastases. Radiotherapy and Oncology, 2021, 164, 98-103.	0.6	14
54	New Considerations in Radiation Treatment Planning for Brain Tumors: Neural Progenitor Cellâ€“Containing Niches. Seminars in Radiation Oncology, 2014, 24, 265-272.	2.2	13

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55	A multinational report of technical factors on stereotactic body radiotherapy for oligometastases. Future Oncology, 2017, 13, 1081-1089.	2.4	13
56	Isolated progression of metastatic lung cancer: Clinical outcomes associated with definitive radiotherapy. Cancer, 2020, 126, 4572-4583.	4.1	13
57	A Prospective Cohort Study of Neural Progenitor Cell-Sparing Radiation Therapy Plus Temozolomide for Newly Diagnosed Patients With Glioblastoma. Neurosurgery, 2020, 87, E31-E40.	1.1	13
58	A Patient with HIV Treated with Ipilimumab and Stereotactic Radiosurgery for Melanoma Metastases to the Brain. Case Reports in Oncological Medicine, 2013, 2013, 1-4.	0.3	12
59	Interrater and Intrarater Reliability of the Vertebral Bone Quality Score. World Neurosurgery, 2021, 154, e277-e282.	1.3	12
60	The Judicious Use of Stereotactic Radiosurgery and Hypofractionated Stereotactic Radiotherapy in the Management of Large Brain Metastases. Cancers, 2021, 13, 70.	3.7	12
61	Thecal Sac Contouring as a Surrogate for the Cauda Equina and Intracanal Spinal Nerve Roots for Spine Stereotactic Body Radiation Therapy (SBRT): Contour Variability and Recommendations for Safe Practice. International Journal of Radiation Oncology Biology Physics, 2022, 112, 114-120.	0.8	11
62	Radiomic modeling to predict risk of vertebral compression fracture after stereotactic body radiation therapy for spinal metastases. Journal of Neurosurgery: Spine, 2021, , 1-9.	1.7	11
63	Modern approaches to the management of metastatic epidural spinal cord compression. CNS Oncology, 2017, 6, 231-241.	3.0	9
64	Long-term Outcomes With Planned Multistage Reduced Dose Repeat Stereotactic Radiosurgery for Treatment of Inoperable High-Grade Arteriovenous Malformations: An Observational Retrospective Cohort Study. Neurosurgery, 2017, 81, 136-146.	1.1	9
65	Volume effects in radiosurgical spinal cord dose tolerance: how small is too small?. Journal of Radiation Oncology, 2019, 8, 53-61.	0.7	8
66	International Multi-institutional Patterns of Contouring Practice and Clinical Target Volume Recommendations for Stereotactic Body Radiation Therapy for Non-Spine Bone Metastases. International Journal of Radiation Oncology Biology Physics, 2022, 112, 351-360.	0.8	8
67	Development of new brain metastases in triple negative breast cancer. Journal of Neuro-Oncology, 2021, 152, 333-338.	2.9	8
68	Outcomes of Metastatic Brain Lesions Treated with Radioactive Cs-131 Seeds after Surgery: Experience from One Institution. Cureus, 2018, 10, e3075.	0.5	8
69	Multiparametric radiomic tissue signature and machine learning for distinguishing radiation necrosis from tumor progression after stereotactic radiosurgery. Neuro-Oncology Advances, 2021, 3, vdab150.	0.7	8
70	A prospective study of corpus callosum regional volumes and neurocognitive outcomes following cranial radiation for pediatric brain tumors. Child's Nervous System, 2017, 33, 965-972.	1.1	7
71	Effects of Single-Dose Versus Hypofractionated Focused Radiation on Vertebral Body Structure and Biomechanical Integrity: Development of a Rabbit Radiation-Induced Vertebral Compression Fracture Model. International Journal of Radiation Oncology Biology Physics, 2021, 111, 528-538.	0.8	7
72	Clinician Experiences in Treatment Decision-Making for Patients with Spinal Metastases. Journal of Bone and Joint Surgery - Series A, 2021, 103, e1.	3.0	7

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73	Extracranial Abscopal Responses after Radiation Therapy for Intracranial Metastases: A Review of the Clinical Literature and Commentary on Mechanism. Cureus, 2019, 11, e4207.	0.5	7
74	Reducing Radiation-Induced Cognitive Toxicity: Sparing the Hippocampus and Beyond. International Journal of Radiation Oncology Biology Physics, 2021, 109, 1131-1136.	0.8	6
75	Late metastatic presentation is associated with improved survival and delayed wideâ€spread progression after ablative stereotactic body radiotherapy for oligometastasis. Cancer Medicine, 2021, 10, 6189-6198.	2.8	6
76	A common goal to CARE: Cancer Advocates, Researchers, and Clinicians Explore current treatments and clinical trials for breast cancer brain metastases. Npj Breast Cancer, 2021, 7, 121.	5.2	6
77	Development of a Prognostic Model for Overall Survival in Patients With Extracranial Oligometastatic Disease Treated With Stereotactic Body Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2022, 114, 892-901.	0.8	6
78	Thoracic Irradiation in the Elderly. Thoracic Surgery Clinics, 2009, 19, 391-400.	1.0	5
79	Utility of expanded anterior column resection versus decompression-alone for local control in the management of carcinomatous vertebral column metastases undergoing adjuvant stereotactic radiotherapy. Spine Journal, 2022, 22, 835-846.	1.3	5
80	Antiangiogenic Therapies and Extracranial Metastasis in Glioblastoma: A Case Report and Review of the Literature. Case Reports in Oncological Medicine, 2015, 2015, 1-5.	0.3	4
81	Deferred Radiotherapy After Debulking of Non-functioning Pituitary Macroadenomas: Clinical Outcomes. Frontiers in Oncology, 2019, 8, 660.	2.8	4
82	A Dose-Response Model of Local Tumor Control Probability After Stereotactic Radiosurgery for Brain Metastases Resection Cavities. Advances in Radiation Oncology, 2020, 5, 840-849.	1.2	4
83	Potential Clinical Significance of Overall Targeting Accuracy and Motion Management in the Treatment of Tumors That Move With Respiration: Lessons Learnt From a Quarter Century of Stereotactic Body Radiotherapy From Dose Response Models. Frontiers in Oncology, 2020, 10, 591430.	2.8	4
84	Volumetric burden of metastatic lesions drives outcomes in patients with extracranial oligometastatic disease. Cancer Medicine, 2021, 10, 8091-8099.	2.8	4
85	Mutation status and postresection survival of patients with nonâ€“small cell lung cancer brain metastasis: implications of biomarker-driven therapy. Journal of Neurosurgery, 2022, 136, 56-66.	1.6	3
86	Choroidal Metastases. , 2013, , 2324-2329.		2
87	Timely stereotactic body radiotherapy (SBRT) for spine metastases using a rapidly deployable automated planning algorithm. SpringerPlus, 2016, 5, 1337.	1.2	2
88	Stereotactic body radiotherapy for benign spinal tumors: Meningiomas, schwannomas, and neurofibromas. Journal of Radiosurgery and SBRT, 2019, 6, 167-177.	0.2	2
89	Corpus Callosum and Hippocampal Function in Children with Posterior Fossa Tumors after Craniospinal Radiation: A Prospective Study. International Journal of Radiation Oncology Biology Physics, 2011, 81, S115.	0.8	1
90	Stereotactic radiosurgery alone for limited brain metastases: are we ready for prime time?. CNS Oncology, 2016, 5, 1-4.	3.0	1

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91	In Reply to Yilmaz etÂal. International Journal of Radiation Oncology Biology Physics, 2018, 101, 998-999.	0.8	1
92	The IMPACT of Molecular Grading of Gliomas on Contemporary Clinical Practice. International Journal of Radiation Oncology Biology Physics, 2020, 107, 859-862.	0.8	1
93	Back to the Future: Charting the Direction of Lower Grade Glioma Trials With Lessons From the Present and Past. International Journal of Radiation Oncology Biology Physics, 2022, 112, 30-34.	0.8	1
94	In Reply to Belderbos etÂal. International Journal of Radiation Oncology Biology Physics, 2017, 99, 239-240.	0.8	0
95	2568 Pembrolizumab for patients with leptomeningeal disease from advanced solid tumors. Journal of Clinical and Translational Science, 2018, 2, 44-45.	0.6	0
96	In Reply to Ryu. International Journal of Radiation Oncology Biology Physics, 2019, 104, 464-465.	0.8	0
97	Assessing the Effectiveness of Systemic Therapy after Stereotactic Radiosurgery on Cancer Recurrence and All-Cause Mortality. World Neurosurgery, 2019, 129, e572-e581.	1.3	0
98	Commentary: Image-Guided, Linac-Based, Surgical Cavity-Hypofractionated Stereotactic Radiotherapy in 5 Daily Fractions for Brain Metastases. Neurosurgery, 2019, 85, E870-E871.	1.1	0
99	Embolize, Resect, Irradiate. International Journal of Radiation Oncology Biology Physics, 2019, 103, 16.	0.8	0
100	Commentary: Stereotactic Body Radiotherapy for Spinal Metastases at the Extreme Ends of the Spine: Imaging-Based Outcomes for Cervical and Sacral Metastases. Neurosurgery, 2019, 85, E804-E805.	1.1	0
101	RADI-23. Exploring the optimal timing of routine initial surveillance MRI following treatment of brain metastases with stereotactic radiosurgery: a comparison of two approaches. Neuro-Oncology Advances, 2021, 3, iii23-iii23.	0.7	0
102	RADI-22. Toxicity and local control outcomes for brain metastases managed with resection and aggressive reirradiation after initial radiosurgery failure. Neuro-Oncology Advances, 2021, 3, iii22-iii23.	0.7	0
103	There Will Be Blood: Not All AVM Complications Are Due to Radiation. International Journal of Radiation Oncology Biology Physics, 2021, 111, 855.	0.8	0
104	MO-FF-A2-01: Neural Stem Cell Sparing Radiation Therapy-A Feasibility Study. Medical Physics, 2009, 36, 2709-2710.	3.0	0
105	Bone density and fracture risk following SBRT for non-spine bone metastases. Journal of Radiosurgery and SBRT, 2021, 7, 199-206.	0.2	0
106	NCOG-05. MANAGEMENT OF BRAIN METASTASIS IN TRIPLE NEGATIVE BREAST CANCER. Neuro-Oncology, 2020, 22, ii130-ii130.	1.2	0
107	Attitudes and trends in the use of radiolucent spinal implants: A survey of the North American Spine Society section of spinal oncology. North American Spine Society Journal (NASSJ), 2022, 10, 100105.	0.5	0