

Kristin J Redmond

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8828761/publications.pdf>

Version: 2024-02-01

107
papers

3,051
citations

201385

27
h-index

182168

51
g-index

109
all docs

109
docs citations

109
times ranked

3857
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. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 100, 916-925.	0.4	257
2	Single- and Multifraction Stereotactic Radiosurgery Dose/Volume Tolerances of the Brain. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 68-86.	0.4	164
3	Postradiation imaging changes in the CNS: how can we differentiate between treatment effect and disease progression?. <i>Future Oncology</i> , 2014, 10, 1277-1297.	1.1	143
4	Increased Subventricular Zone Radiation Dose Correlates With Survival in Glioblastoma Patients After Gross Total Resection. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 86, 616-622.	0.4	121
5	Consensus Contouring Guidelines for Postoperative Stereotactic Body Radiation Therapy for Metastatic Solid Tumor Malignancies to the Spine. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 97, 64-74.	0.4	113
6	Association between radiation dose to neuronal progenitor cell niches and temporal lobes and performance on neuropsychological testing in children: a prospective study. <i>Neuro-Oncology</i> , 2013, 15, 360-369.	0.6	111
7	Radiosurgery of Glomus Jugulare Tumors: A Meta-Analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, e497-e502.	0.4	107
8	Distinguishing True Progression From Radionecrosis After Stereotactic Radiation Therapy for Brain Metastases With Machine Learning and Radiomics. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 1236-1243.	0.4	103
9	Quantification of Tumor Volume Changes During Radiotherapy for Non-Small-Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 74, 341-348.	0.4	101
10	Postoperative Stereotactic Body Radiation Therapy (SBRT) for Spine Metastases: A Critical Review to Guide Practice. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 1414-1428.	0.4	88
11	Consensus guidelines for postoperative stereotactic body radiation therapy for spinal metastases: results of an international survey. <i>Journal of Neurosurgery: Spine</i> , 2017, 26, 299-306.	0.9	88
12	Invasive adenoma and pituitary carcinoma: a SEER database analysis. <i>Neurosurgical Review</i> , 2014, 37, 279-286.	1.2	74
13	Glioblastoma recurrence patterns near neural stem cell regions. <i>Radiotherapy and Oncology</i> , 2015, 116, 294-300.	0.3	69
14	Respiratory Motion Changes of Lung Tumors Over the Course of Radiation Therapy Based on Respiration-Related Four-Dimensional Computed Tomography Scans. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 75, 1605-1612.	0.4	65
15	A prospective evaluation of hippocampal radiation dose volume effects and memory deficits following cranial irradiation. <i>Radiotherapy and Oncology</i> , 2017, 125, 234-240.	0.3	65
16	Tumor Control Probability of Radiosurgery and Fractionated Stereotactic Radiosurgery for Brain Metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 53-67.	0.4	62
17	Prospective Study of Hippocampal-Sparing Prophylactic Cranial Irradiation in Limited-Stage Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 98, 603-611.	0.4	61
18	Localized CT-Guided Irradiation Inhibits Neurogenesis in Specific Regions of the Adult Mouse Brain. <i>Radiation Research</i> , 2011, 175, 774-783.	0.7	52

#	ARTICLE	IF	CITATIONS
19	Evaluation of Definitive Stereotactic Body Radiotherapy and Outcomes in Adults With Extracranial Oligometastasis. <i>JAMA Network Open</i> , 2020, 3, e2026312.	2.8	51
20	A Phase 2 Study of Post-Operative Stereotactic Body Radiation Therapy (SBRT) for Solid Tumor Spine Metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 106, 261-268.	0.4	49
21	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.	3.4	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). <i>Radiotherapy and Oncology</i> , 2020, 145, 21-29.	0.3	40
24	Spinal metastases 2021: a review of the current state of the art and future directions. <i>Spine Journal</i> , 2021, 21, 1414-1429.	0.6	38
25	Stereotactic Radiosurgery for Postoperative Metastatic Surgical Cavities: A Critical Review and International Stereotactic Radiosurgery Society (ISRS) Practice Guidelines. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, 68-80.	0.4	38
26	Stereotactic Radiosurgery: Treatment of Brain Metastasis Without Interruption of Systemic Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 735-742.	0.4	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. <i>Cureus</i> , 2015, 7, e413.	0.2	32
29	Association of a Simulated Institutional Gender Equity Initiative With Gender-Based Disparities in Medical School Faculty Salaries and Promotions. <i>JAMA Network Open</i> , 2018, 1, e186054.	2.8	30
30	The evolution and rise of stereotactic body radiotherapy (SBRT) for spinal metastases. <i>Expert Review of Anticancer Therapy</i> , 2018, 18, 887-900.	1.1	30
31	Adjuvant Chemoradiation Therapy for Adenocarcinoma of the Distal Pancreas. <i>Annals of Surgical Oncology</i> , 2010, 17, 3112-3119.	0.7	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. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 101, 1234-1242.	0.4	27
33	Prognostic factors associated with pain palliation after spine stereotactic body radiation therapy. <i>Journal of Neurosurgery: Spine</i> , 2015, 23, 620-629.	0.9	26
34	A multi-national report on stereotactic body radiotherapy for oligometastases: Patient selection and follow-up*. <i>Acta Oncologica</i> , 2016, 55, 633-637.	0.8	26
35	Prospective acceleration of parallel RF transmission-based 3D chemical exchange saturation transfer imaging with compressed sensing. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 1812-1821.	1.9	25
36	Stereotactic Body Radiation Therapy for Nonspine Bone Metastases: International Practice Patterns to Guide Treatment Planning. <i>Practical Radiation Oncology</i> , 2020, 10, e452-e460.	1.1	24

#	ARTICLE	IF	CITATIONS
37	A radiotherapy technique to limit dose to neural progenitor cell niches without compromising tumor coverage. <i>Journal of Neuro-Oncology</i> , 2011, 104, 579-587.	1.4	23
38	Implications of irradiating the subventricular zone stem cell niche. <i>Stem Cell Research</i> , 2016, 16, 387-396.	0.3	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. <i>Journal of Neuro-Oncology</i> , 2019, 144, 351-358.	1.4	23
40	Normal tissue complication probability of vertebral compression fracture after stereotactic body radiotherapy for de novo spine metastasis. <i>Radiotherapy and Oncology</i> , 2020, 150, 142-149.	0.3	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. <i>Radiotherapy and Oncology</i> , 2022, 167, 187-194.	0.3	21
42	Single versus multiple session stereotactic body radiotherapy for spinal metastasis: the riskâ€“benefit ratio. <i>Future Oncology</i> , 2015, 11, 2405-2415.	1.1	20
43	Re-irradiation for malignant glioma: Toward patient selection and defining treatment parameters for salvage. <i>Advances in Radiation Oncology</i> , 2018, 3, 582-590.	0.6	20
44	Letter to the Editor. <i>Neuro-Oncology</i> , 2013, 15, 1455-1455.	0.6	19
45	Progressive Low-Grade Glioma: Assessment of Prognostic Importance of Histologic Reassessment and MRI Findings. <i>World Neurosurgery</i> , 2017, 99, 751-757.	0.7	19
46	Radiation Necrosis from Stereotactic Radiosurgeryâ€”How Do We Mitigate?. <i>Current Treatment Options in Oncology</i> , 2021, 22, 57.	1.3	19
47	Extra-CNS metastasis from glioblastoma: a rare clinical entity. <i>Expert Review of Anticancer Therapy</i> , 2015, 15, 545-552.	1.1	18
48	Spinal metastases: multimodality imaging in diagnosis and stereotactic body radiation therapy planning. <i>Future Oncology</i> , 2017, 13, 77-91.	1.1	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. <i>Cancer</i> , 2017, 123, 161-168.	2.0	14
51	Local recurrence patterns after postoperative stereotactic radiation surgery to resected brain metastases: A quantitative analysis to guide target delineation. <i>Practical Radiation Oncology</i> , 2018, 8, 388-396.	1.1	14
52	An Integrated Program in a Pandemic: Johns Hopkins Radiation Oncology Department. <i>Advances in Radiation Oncology</i> , 2020, 5, 666-672.	0.6	14
53	An international pooled analysis of SBRT outcomes to oligometastatic spine and non-spine bone metastases. <i>Radiotherapy and Oncology</i> , 2021, 164, 98-103.	0.3	14
54	New Considerations in Radiation Treatment Planning for Brain Tumors: Neural Progenitor Cellâ€”Containing Niches. <i>Seminars in Radiation Oncology</i> , 2014, 24, 265-272.	1.0	13

#	ARTICLE	IF	CITATIONS
55	A multinational report of technical factors on stereotactic body radiotherapy for oligometastases. <i>Future Oncology</i> , 2017, 13, 1081-1089.	1.1	13
56	Isolated progression of metastatic lung cancer: Clinical outcomes associated with definitive radiotherapy. <i>Cancer</i> , 2020, 126, 4572-4583.	2.0	13
57	A Prospective Cohort Study of Neural Progenitor Cell-Sparing Radiation Therapy Plus Temozolomide for Newly Diagnosed Patients With Glioblastoma. <i>Neurosurgery</i> , 2020, 87, E31-E40.	0.6	13
58	A Patient with HIV Treated with Ipilimumab and Stereotactic Radiosurgery for Melanoma Metastases to the Brain. <i>Case Reports in Oncological Medicine</i> , 2013, 2013, 1-4.	0.2	12
59	Interrater and Intrarater Reliability of the Vertebral Bone Quality Score. <i>World Neurosurgery</i> , 2021, 154, e277-e282.	0.7	12
60	The Judicious Use of Stereotactic Radiosurgery and Hypofractionated Stereotactic Radiotherapy in the Management of Large Brain Metastases. <i>Cancers</i> , 2021, 13, 70.	1.7	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. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 112, 114-120.	0.4	11
62	Radiomic modeling to predict risk of vertebral compression fracture after stereotactic body radiation therapy for spinal metastases. <i>Journal of Neurosurgery: Spine</i> , 2021, , 1-9.	0.9	11
63	Modern approaches to the management of metastatic epidural spinal cord compression. <i>CNS Oncology</i> , 2017, 6, 231-241.	1.2	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. <i>Neurosurgery</i> , 2017, 81, 136-146.	0.6	9
65	Volume effects in radiosurgical spinal cord dose tolerance: how small is too small?. <i>Journal of Radiation Oncology</i> , 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. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 112, 351-360.	0.4	8
67	Development of new brain metastases in triple negative breast cancer. <i>Journal of Neuro-Oncology</i> , 2021, 152, 333-338.	1.4	8
68	Outcomes of Metastatic Brain Lesions Treated with Radioactive Cs-131 Seeds after Surgery: Experience from One Institution. <i>Cureus</i> , 2018, 10, e3075.	0.2	8
69	Multiparametric radiomic tissue signature and machine learning for distinguishing radiation necrosis from tumor progression after stereotactic radiosurgery. <i>Neuro-Oncology Advances</i> , 2021, 3, vtab150.	0.4	8
70	A prospective study of corpus callosum regional volumes and neurocognitive outcomes following cranial radiation for pediatric brain tumors. <i>Child's Nervous System</i> , 2017, 33, 965-972.	0.6	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. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, 528-538.	0.4	7
72	Clinician Experiences in Treatment Decision-Making for Patients with Spinal Metastases. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, e1.	1.4	7

#	ARTICLE	IF	CITATIONS
73	Extracranial Abscopal Responses after Radiation Therapy for Intracranial Metastases: A Review of the Clinical Literature and Commentary on Mechanism. <i>Cureus</i> , 2019, 11, e4207.	0.2	7
74	Reducing Radiation-Induced Cognitive Toxicity: Sparing the Hippocampus and Beyond. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 1131-1136.	0.4	6
75	Late metastatic presentation is associated with improved survival and delayed widespread progression after ablative stereotactic body radiotherapy for oligometastasis. <i>Cancer Medicine</i> , 2021, 10, 6189-6198.	1.3	6
76	A common goal to CARE: Cancer Advocates, Researchers, and Clinicians Explore current treatments and clinical trials for breast cancer brain metastases. <i>Npj Breast Cancer</i> , 2021, 7, 121.	2.3	6
77	Development of a Prognostic Model for Overall Survival in Patients With Extracranial Oligometastatic Disease Treated With Stereotactic Body Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 114, 892-901.	0.4	6
78	Thoracic Irradiation in the Elderly. <i>Thoracic Surgery Clinics</i> , 2009, 19, 391-400.	0.4	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. <i>Spine Journal</i> , 2022, 22, 835-846.	0.6	5
80	Antiangiogenic Therapies and Extracranial Metastasis in Glioblastoma: A Case Report and Review of the Literature. <i>Case Reports in Oncological Medicine</i> , 2015, 2015, 1-5.	0.2	4
81	Deferred Radiotherapy After Debulking of Non-functioning Pituitary Macroadenomas: Clinical Outcomes. <i>Frontiers in Oncology</i> , 2019, 8, 660.	1.3	4
82	A Dose-Response Model of Local Tumor Control Probability After Stereotactic Radiosurgery for Brain Metastases Resection Cavities. <i>Advances in Radiation Oncology</i> , 2020, 5, 840-849.	0.6	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. <i>Frontiers in Oncology</i> , 2020, 10, 591430.	1.3	4
84	Volumetric burden of metastatic lesions drives outcomes in patients with extracranial oligometastatic disease. <i>Cancer Medicine</i> , 2021, 10, 8091-8099.	1.3	4
85	Mutation status and postresection survival of patients with non-small cell lung cancer brain metastasis: implications of biomarker-driven therapy. <i>Journal of Neurosurgery</i> , 2022, 136, 56-66.	0.9	3
86	Choroidal Metastases. , 2013, , 2324-2329.		2
87	Timely stereotactic body radiotherapy (SBRT) for spine metastases using a rapidly deployable automated planning algorithm. <i>SpringerPlus</i> , 2016, 5, 1337.	1.2	2
88	Stereotactic body radiotherapy for benign spinal tumors: Meningiomas, schwannomas, and neurofibromas. <i>Journal of Radiosurgery and SBRT</i> , 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. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, S115.	0.4	1
90	Stereotactic radiosurgery alone for limited brain metastases: are we ready for prime time?. <i>CNS Oncology</i> , 2016, 5, 1-4.	1.2	1

#	ARTICLE	IF	CITATIONS
91	In Reply to Yilmaz etÂal. International Journal of Radiation Oncology Biology Physics, 2018, 101, 998-999.	0.4	1
92	The IMPACT of Molecular Grading of Gliomas on Contemporary Clinical Practice. International Journal of Radiation Oncology Biology Physics, 2020, 107, 859-862.	0.4	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.	0.4	1
94	In Reply to Belderbos etÂal. International Journal of Radiation Oncology Biology Physics, 2017, 99, 239-240.	0.4	0
95	2568 Pembrolizumab for patients with leptomeningeal disease from advanced solid tumors. Journal of Clinical and Translational Science, 2018, 2, 44-45.	0.3	0
96	In Reply to Ryu. International Journal of Radiation Oncology Biology Physics, 2019, 104, 464-465.	0.4	0
97	Assessing the Effectiveness of Systemic Therapy after Stereotactic Radiosurgery on Cancer Recurrence and All-Cause Mortality. World Neurosurgery, 2019, 129, e572-e581.	0.7	0
98	Commentary: Image-Guided, Linac-Based, Surgical Cavity-Hypofractionated Stereotactic Radiotherapy in 5 Daily Fractions for Brain Metastases. Neurosurgery, 2019, 85, E870-E871.	0.6	0
99	Embolize, Resect, Irradiate. International Journal of Radiation Oncology Biology Physics, 2019, 103, 16.	0.4	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.	0.6	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.	0.4	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.	0.4	0
103	There Will Be Blood: Not All AVM Complications Are Due to Radiation. International Journal of Radiation Oncology Biology Physics, 2021, 111, 855.	0.4	0
104	MO-FF-A2-01: Neural Stem Cell Sparing Radiation Therapy-A Feasibility Study. Medical Physics, 2009, 36, 2709-2710.	1.6	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.	0.6	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.	0.3	0