

Arjun Sahgal

List of Publications by Year in descending order

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442
papers

16,461
citations

16411

64
h-index

27345

106
g-index

453
all docs

453
docs citations

453
times ranked

11468
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlation Between the Spinal Instability Neoplastic Score (SINS) and Patient Reported Outcomes. <i>Global Spine Journal</i> , 2023, 13, 1358-1364.	1.2	9
2	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
3	Hypofractionated Stereotactic Radiation Therapy for Intact Brain Metastases in 5 Daily Fractions: Effect of Dose on Treatment Response. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 112, 342-350.	0.4	14
4	Recent advances and new discoveries in the pipeline of the treatment of primary spinal tumors and spinal metastases: a scoping review of registered clinical studies from 2000 to 2020. <i>Neuro-Oncology</i> , 2022, 24, 1-13.	0.6	10
5	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
6	Stereotactic radiosurgery for secretory pituitary adenomas: systematic review and International Stereotactic Radiosurgery Society practice recommendations. <i>Journal of Neurosurgery</i> , 2022, 136, 801-812.	0.9	22
7	Stereotactic Radiosurgery for Postoperative Spine Malignancy: A Systematic Review and International Stereotactic Radiosurgery Society Practice Guidelines. <i>Practical Radiation Oncology</i> , 2022, 12, e65-e78.	1.1	17
8	Current state of therapeutic focused ultrasound applications in neuro-oncology. <i>Journal of Neuro-Oncology</i> , 2022, 156, 49-59.	1.4	14
9	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
10	Predicting survival in patients with glioblastoma using MRI radiomic features extracted from radiation planning volumes. <i>Journal of Neuro-Oncology</i> , 2022, 156, 579-588.	1.4	5
11	Steroids in the Management of Preoperative Neurological Deficits in Metastatic Spine Disease: Results From the EPOSO Study. <i>Neurospine</i> , 2022, 19, 43-50.	1.1	8
12	Inter-fraction dynamics during post-operative 5 fraction cavity hypofractionated stereotactic radiotherapy with a MR LINAC: a prospective serial imaging study. <i>Journal of Neuro-Oncology</i> , 2022, 156, 569-577.	1.4	12
13	The optimal management of brain metastases from gestational trophoblastic neoplasia. <i>Expert Review of Anticancer Therapy</i> , 2022, 22, 307-315.	1.1	2
14	Risk-reduction strategies for late complications arising from brain metastases treated with radiotherapy: a narrative review. <i>Chinese Clinical Oncology</i> , 2022, 11, 13-13.	0.4	2
15	Executive summary of American Radium Society's appropriate use criteria for the postoperative management of lower grade gliomas. <i>Radiotherapy and Oncology</i> , 2022, 170, 79-88.	0.3	2
16	Spine Stereotactic Body Radiotherapy for Prostate Cancer Metastases and the Impact of Hormone Sensitivity Status on Local Control. <i>Neurosurgery</i> , 2022, 90, 743-749.	0.6	6
17	Intracranial Metastatic Disease: Present Challenges, Future Opportunities. <i>Frontiers in Oncology</i> , 2022, 12, 855182.	1.3	4
18	Stereotactic Radiosurgery for Dural Arteriovenous Fistulas: A Systematic Review and Meta-Analysis and International Stereotactic Radiosurgery Society Practice Guidelines. <i>Neurosurgery</i> , 2022, 91, 43-58.	0.6	7

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19	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
20	Quantifying the Sensitivity of Target Dose on Intrafraction Displacement in Intracranial Stereotactic Radiosurgery. <i>Practical Radiation Oncology</i> , 2022, 12, e221-e231.	1.1	5
21	Lessons in stereotactic radiotherapy for oligometastases. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2022, , .	0.2	0
22	Trastuzumab emtansine increases the risk of stereotactic radiosurgery-induced radionecrosis in HER2+ breast cancer. <i>Journal of Neuro-Oncology</i> , 2022, 159, 177-183.	1.4	10
23	Brain metastases in the setting of stable extracranial disease: A systematic review and meta-analysis.. <i>Journal of Clinical Oncology</i> , 2022, 40, 2022-2022.	0.8	0
24	Pattern of Recurrence of Glioblastoma Versus Grade 4 IDH-Mutant Astrocytoma Following Chemoradiation: A Retrospective Matched-Cohort Analysis. <i>Technology in Cancer Research and Treatment</i> , 2022, 21, 153303382211096.	0.8	9
25	Stereotactic radiosurgery (SRS) versus whole brain radiation therapy (WBRT) in patients with small cell lung cancer (SCLC) and intracranial metastatic disease (IMD): A systematic review and meta-analysis.. <i>Journal of Clinical Oncology</i> , 2022, 40, 8570-8570.	0.8	1
26	Dose-dependent efficacy of bevacizumab in recurrent glioblastoma.. <i>Journal of Clinical Oncology</i> , 2022, 40, e14042-e14042.	0.8	0
27	Single- and Multi-Fraction Stereotactic Radiosurgery Dose Tolerances of the Optic Pathways. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 87-99.	0.4	86
28	Immunomodulatory Effects of Stereotactic Body Radiation Therapy: Preclinical Insights and Clinical Opportunities. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 35-52.	0.4	54
29	Safety of palbociclib concurrent with palliative pelvic radiotherapy: discussion of a case of increased toxicity and brief review of literature. <i>Journal of Medical Radiation Sciences</i> , 2021, 68, 96-102.	0.8	10
30	Radiotherapy to the brain: what are the consequences of this age-old treatment?. <i>Annals of Palliative Medicine</i> , 2021, 10, 936-952.	0.5	11
31	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
32	Dignity therapy for patients with brain tumours: qualitative reports from patients, caregivers and practitioners. <i>Annals of Palliative Medicine</i> , 2021, 10, 838-845.	0.5	7
33	Quantitating Interfraction Target Dynamics During Concurrent Chemoradiation for Glioblastoma: A Prospective Serial Imaging Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 736-746.	0.4	36
34	Quantitative CEST and MT at 1.5T for monitoring treatment response in glioblastoma: early and late tumor progression during chemoradiation. <i>Journal of Neuro-Oncology</i> , 2021, 151, 267-278.	1.4	23
35	Update on the management of elderly patients with glioblastoma: a narrative review. <i>Annals of Palliative Medicine</i> , 2021, 10, 899-908.	0.5	2
36	Health related quality of life outcomes following surgery and/or radiation for patients with potentially unstable spinal metastases. <i>Spine Journal</i> , 2021, 21, 492-499.	0.6	16

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37	Spinal Cord Dose Tolerance to Stereotactic Body Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2021, 110, 124-136.	0.4	105
38	Possible Overcoming of Tumor Hypoxia with Adaptive Hypofractionated Radiosurgery of Large Brain Metastases: A Biological Modeling Study. Acta Neurochirurgica Supplementum, 2021, 128, 107-112.	0.5	0
39	Local control and patterns of failure for "Radioresistant" spinal metastases following stereotactic body radiotherapy compared to a "Radiosensitive" reference. Journal of Neuro-Oncology, 2021, 152, 173-182.	1.4	24
40	Predicting response to radiotherapy of intracranial metastases with hyperpolarized ^{13}C MRI. Journal of Neuro-Oncology, 2021, 152, 551-557.	1.4	15
41	Intravoxel incoherent motion (IVIM) modeling of diffusion MRI during chemoradiation predicts therapeutic response in IDH wildtype glioblastoma. Radiotherapy and Oncology, 2021, 156, 258-265.	0.3	18
42	MR-guided focused ultrasound liquid biopsy enriches circulating biomarkers in patients with brain tumors. Neuro-Oncology, 2021, 23, 1789-1797.	0.6	59
43	Method of computing direction-dependent margins for the development of consensus contouring guidelines. Radiation Oncology, 2021, 16, 71.	1.2	2
44	Quantitative mapping of individual voxels in the peritumoral region of IDH-wildtype glioblastoma to distinguish between tumor infiltration and edema. Journal of Neuro-Oncology, 2021, 153, 251-261.	1.4	18
45	ADC, D, f dataset calculated through the simplified IVIM model, with MGMT promoter methylation, age, and ECOG, in 38 patients with wildtype IDH glioblastoma. Data in Brief, 2021, 35, 106950.	0.5	3
46	Stereotactic Radiosurgery for Vestibular Schwannomas: Tumor Control Probability Analyses and Recommended Reporting Standards. International Journal of Radiation Oncology Biology Physics, 2021, 110, 100-111.	0.4	12
47	Stereotactic Body Radiation Therapy for Spinal Metastases: Tumor Control Probability Analyses and Recommended Reporting Standards. International Journal of Radiation Oncology Biology Physics, 2021, 110, 112-123.	0.4	25
48	Real-world outcomes of breast cancer patients with brain metastases treated with radiotherapy in Ontario: A population-based study.. Journal of Clinical Oncology, 2021, 39, 2027-2027.	0.8	0
49	Feasibility of achieving planned surgical margins in primary spine tumor: a PTRON study. Neurosurgical Focus, 2021, 50, E16.	1.0	1
50	Radiation Necrosis from Stereotactic Radiosurgery" How Do We Mitigate?. Current Treatment Options in Oncology, 2021, 22, 57.	1.3	19
51	Assessment of extracranial metastatic disease in patients with brain metastases: How much effort is needed in the context of evolving survival prediction models?. Radiotherapy and Oncology, 2021, 159, 17-20.	0.3	7
52	Central Nervous System" Specific Outcomes of Phase 3 Randomized Clinical Trials in Patients With Advanced Breast Cancer, Lung Cancer, and Melanoma. JAMA Oncology, 2021, 7, 1062.	3.4	13
53	Calculating Utilities From the Spine Oncology Study Group Outcomes Questionnaire. Spine, 2021, 46, 1165-1171.	1.0	7
54	MRI texture features from tumor core and margin in the prediction of response to neoadjuvant chemotherapy in patients with locally advanced breast cancer. Oncotarget, 2021, 12, 1354-1365.	0.8	10

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55	Stereotactic body radiotherapy versus conventional external beam radiotherapy in patients with painful spinal metastases: an open-label, multicentre, randomised, controlled, phase 2/3 trial. <i>Lancet Oncology</i> , The, 2021, 22, 1023-1033.	5.1	183
56	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
57	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
58	Outcomes of extra-cranial stereotactic body radiotherapy for metastatic breast cancer: Treatment indication matters. <i>Radiotherapy and Oncology</i> , 2021, 161, 159-165.	0.3	14
59	The Initial Step Towards Establishing a Quantitative, Magnetic Resonance Imaging-Based Framework for Response Assessment of Spinal Metastases After Stereotactic Body Radiation Therapy. <i>Neurosurgery</i> , 2021, 89, 884-891.	0.6	6
60	Stereotactic Radiotherapy for Oligoprogression in Metastatic Renal Cell Cancer Patients Receiving Tyrosine Kinase Inhibitor Therapy: A Phase 2 Prospective Multicenter Study. <i>European Urology</i> , 2021, 80, 693-700.	0.9	65
61	Accuracy and precision of apparent diffusion coefficient measurements on a 1.5T MR-Linac in central nervous system tumour patients. <i>Radiotherapy and Oncology</i> , 2021, 164, 155-162.	0.3	19
62	Chemical exchange saturation transfer MRI in central nervous system tumours on a 1.5T MR-Linac. <i>Radiotherapy and Oncology</i> , 2021, 162, 140-149.	0.3	14
63	Treatment Patterns and Outcomes of Women with Symptomatic and Asymptomatic Breast Cancer Brain Metastases: A Single-Center Retrospective Study. <i>Oncologist</i> , 2021, 26, e1951-e1961.	1.9	9
64	113. Correlation between the spinal instability neoplastic score (SINS) and patient reported outcomes. <i>Spine Journal</i> , 2021, 21, S55-S56.	0.6	1
65	Stereotactic body radiotherapy for painful spinal metastases – Authors' reply. <i>Lancet Oncology</i> , The, 2021, 22, e385.	5.1	1
66	110. Feasibility of achieving planned surgical margins in primary spine tumor: a PTRON study. <i>Spine Journal</i> , 2021, 21, S54.	0.6	0
67	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
68	Prognostic Factors Associated With Surviving Less Than 3 Months vs Greater Than 3 Years Specific to Spine Stereotactic Body Radiotherapy and Late Adverse Events. <i>Neurosurgery</i> , 2021, 88, 971-979.	0.6	13
69	The incidence of brain metastases among patients with metastatic breast cancer: a systematic review and meta-analysis. <i>Neuro-Oncology</i> , 2021, 23, 894-904.	0.6	95
70	Systematic Review and Meta-Analysis on the Use of Photon-based Stereotactic Radiosurgery Versus Fractionated Stereotactic Radiotherapy for the Treatment of Uveal Melanoma. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2021, 44, 32-42.	0.6	8
71	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
72	Volumetric burden of metastatic lesions drives outcomes in patients with extracranial oligometastatic disease. <i>Cancer Medicine</i> , 2021, 10, 8091-8099.	1.3	4

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73	MR-guided focused ultrasound enhances delivery of trastuzumab to Her2-positive brain metastases. <i>Science Translational Medicine</i> , 2021, 13, eabj4011.	5.8	82
74	MRI radiomics to differentiate between low grade glioma and glioblastoma peritumoral region. <i>Journal of Neuro-Oncology</i> , 2021, 155, 181-191.	1.4	29
75	Incidence and real-world burden of brain metastases from solid tumors and hematologic malignancies in Ontario: a population-based study. <i>Neuro-Oncology Advances</i> , 2021, 3, vdaa178.	0.4	16
76	51: A Prognostic Model for Patients with Oligometastatic Disease Treated with Stereotactic Body Radiation Therapy. <i>Radiotherapy and Oncology</i> , 2021, 163, s24-s25.	0.3	0
77	A priori prediction of local failure in brain metastasis after hypo-fractionated stereotactic radiotherapy using quantitative MRI and machine learning. <i>Scientific Reports</i> , 2021, 11, 21620.	1.6	15
78	Technical Note: Personalized treatment gating thresholds in frameless stereotactic radiosurgery using predictions of dosimetric fidelity and treatment interruption. <i>Medical Physics</i> , 2021, 48, 8045.	1.6	1
79	IOTG-02. Glioma Supra Marginal Incision Trial (G-SUMIT): a phase II pilot randomized control trial to assess the feasibility of â€œsupra-marginalâ€ surgical resection of malignant glioma. <i>Neuro-Oncology</i> , 2021, 23, vi227-vi227.	0.6	0
80	Surgical or Radiation Therapy for the Treatment of Cervical Spine Metastases: Results From the Epidemiology, Process, and Outcomes of Spine Oncology (EPOSO) Cohort. <i>Global Spine Journal</i> , 2020, 10, 21-29.	1.2	7
81	Outcomes of extra-cranial stereotactic body radiotherapy for metastatic colorectal cancer: Dose and site of metastases matter. <i>Radiotherapy and Oncology</i> , 2020, 142, 236-245.	0.3	27
82	Dosimetric comparison of two treatment planning systems for spine SBRT. <i>Medical Dosimetry</i> , 2020, 45, 77-84.	0.4	2
83	Technical Principles of Dual-Energy Cone Beam Computed Tomography and Clinical Applications for Radiation Therapy. <i>Advances in Radiation Oncology</i> , 2020, 5, 1-16.	0.6	22
84	Predictors of leptomeningeal disease following hypofractionated stereotactic radiotherapy for intact and resected brain metastases. <i>Neuro-Oncology</i> , 2020, 22, 84-93.	0.6	39
85	Incidence of Brain Metastases in Nonmetastatic and Metastatic Breast Cancer: Is There a Role for Screening?. <i>Clinical Breast Cancer</i> , 2020, 20, e54-e64.	1.1	41
86	Metastatic Spine Disease: Should Patients With Short Life Expectancy Be Denied Surgical Care? An International Retrospective Cohort Study. <i>Neurosurgery</i> , 2020, 87, 303-311.	0.6	47
87	Impact of Systemic Therapy in Metastatic Renal-Cell Carcinoma Patients With Synchronous and Metachronous Brain Metastases. <i>Clinical Genitourinary Cancer</i> , 2020, 18, e224-e232.	0.9	2
88	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
89	Multi-modality imaging assisted fluorescence-guided resection of glioblastoma: Case report. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2020, 19, 100593.	0.2	1
90	Stereotactic radiosurgery for non-functioning pituitary adenomas: meta-analysis and International Stereotactic Radiosurgery Society practice opinion. <i>Neuro-Oncology</i> , 2020, 22, 318-332.	0.6	40

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91	A Cancer Care Ontario Organizational Guideline for the Delivery of Stereotactic Radiosurgery for Brain Metastasis in Ontario, Canada. <i>Practical Radiation Oncology</i> , 2020, 10, 243-254.	1.1	5
92	Real-Time Infrared Motion Tracking Analysis for Patients Treated With Gated Frameless Image Guided Stereotactic Radiosurgery. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 106, 413-421.	0.4	23
93	Water calorimetry in MR-Linac: Direct measurement of absorbed dose and determination of chamber. <i>Medical Physics</i> , 2020, 47, 6458-6469.	1.6	9
94	Evaluation of multi-institutional end-to-end testing for post-operative spine stereotactic body radiation therapy. <i>Physics and Imaging in Radiation Oncology</i> , 2020, 16, 61-68.	1.2	5
95	Association of Innovations in Radiotherapy and Systemic Treatments With Clinical Outcomes in Patients With Melanoma Brain Metastasis From 2007 to 2016. <i>JAMA Network Open</i> , 2020, 3, e208204.	2.8	10
96	CT based quantitative measures of the stability of fractured metastatically involved vertebrae treated with spine stereotactic body radiotherapy. <i>Clinical and Experimental Metastasis</i> , 2020, 37, 575-584.	1.7	3
97	Quantitative ultrasound radiomics for therapy response monitoring in patients with locally advanced breast cancer: Multi-institutional study results. <i>PLoS ONE</i> , 2020, 15, e0236182.	1.1	41
98	Executive summary from American Radium Society's appropriate use criteria on neurocognition after stereotactic radiosurgery for multiple brain metastases. <i>Neuro-Oncology</i> , 2020, 22, 1728-1741.	0.6	19
99	Glioma consensus contouring recommendations from a MR-Linac International Consortium Research Group and evaluation of a CT-MRI and MRI-only workflow. <i>Journal of Neuro-Oncology</i> , 2020, 149, 305-314.	1.4	25
100	Survival in Patients With Brain Metastases: Summary Report on the Updated Diagnosis-Specific Graded Prognostic Assessment and Definition of the Eligibility Quotient. <i>Journal of Clinical Oncology</i> , 2020, 38, 3773-3784.	0.8	223
101	A Brain Tumor Segmentation Framework Based on Outlier Detection Using One-Class Support Vector Machine. , 2020, 2020, 1067-1070.		11
102	The MOMENTUM Study: An International Registry for the Evidence-Based Introduction of MR-Guided Adaptive Therapy. <i>Frontiers in Oncology</i> , 2020, 10, 1328.	1.3	81
103	Report from the American Radium Society (ARS) Appropriate Use Criteria Brain Malignancies Panel: Treatment of Multiple Brain Metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, E27-E28.	0.4	0
104	In Regard to Susko et al.. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 106, 648-649.	0.4	0
105	Evaluation of Definitive Stereotactic Body Radiotherapy and Outcomes in Adults With Extracranial Oligometastasis. <i>JAMA Network Open</i> , 2020, 3, e2026312.	2.8	51
106	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
107	9: A Phase II Multicentre Trial of Stereotactic Radiotherapy for Oligoprogression in Metastatic Kidney Cancer Patients Receiving Tyrosine Kinase Inhibitor Therapy. <i>Radiotherapy and Oncology</i> , 2020, 150, S7-S8.	0.3	0
108	35: Imaging-Based Local Control Rates for "Radioresistant" Spinal Metastases Following Spine Stereotactic Body Radiotherapy Using Prostate Cancer as The "Radiosensitive" Reference. <i>Radiotherapy and Oncology</i> , 2020, 150, S18-S19.	0.3	0

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109	37: Stereotactic Radiosurgery for Small Cell Lung Cancer Brain Metastases: A Systematic Review and Meta-Analysis. <i>Radiotherapy and Oncology</i> , 2020, 150, S19-S20.	0.3	0
110	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.	0.6	62
111	External beam radiation dose escalation for high grade glioma. <i>The Cochrane Library</i> , 2020, 2020, CD011475.	1.5	12
112	Stereotactic Radiosurgery for Intracranial Noncavernous Sinus Benign Meningioma: International Stereotactic Radiosurgery Society Systematic Review, Meta-Analysis and Practice Guideline. <i>Neurosurgery</i> , 2020, 87, 879-890.	0.6	28
113	Quantitative ultrasound radiomics in predicting response to neoadjuvant chemotherapy in patients with locally advanced breast cancer: Results from multi-institutional study. <i>Cancer Medicine</i> , 2020, 9, 5798-5806.	1.3	50
114	Mature Imaging-Based Outcomes Supporting Local Control for Complex Reirradiation Salvage Spine Stereotactic Body Radiotherapy. <i>Neurosurgery</i> , 2020, 87, 816-822.	0.6	10
115	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
116	Estrogen/progesterone receptor and HER2 discordance between primary tumor and brain metastases in breast cancer and its effect on treatment and survival. <i>Neuro-Oncology</i> , 2020, 22, 1359-1367.	0.6	49
117	Stereotactic Radiosurgery for Spetzler-Martin Grade I and II Arteriovenous Malformations: International Society of Stereotactic Radiosurgery (ISRS) Practice Guideline. <i>Neurosurgery</i> , 2020, 87, 442-452.	0.6	23
118	Commentary: Lomustine-temozolomide combination therapy versus standard temozolomide therapy in patients with newly diagnosed glioblastoma with methylated MGMT promoter (CeTeG/NOA-09): a randomised, open-label, phase 3 trial. <i>Frontiers in Oncology</i> , 2020, 10, 66.	1.3	4
119	Current approaches to the management of brain metastases. <i>Nature Reviews Clinical Oncology</i> , 2020, 17, 279-299.	12.5	276
120	Single fraction radiosurgery, fractionated radiosurgery, and conventional radiotherapy for spinal oligometastasis (SAFFRON): A systematic review and meta-analysis. <i>Radiotherapy and Oncology</i> , 2020, 146, 76-89.	0.3	33
121	Adverse Radiation Effect After Hypofractionated Stereotactic Radiosurgery in 5 Daily Fractions for Surgical Cavities and Intact Brain Metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 106, 772-779.	0.4	36
122	Use of radiomics for the prediction of local control of brain metastases after stereotactic radiosurgery. <i>Neuro-Oncology</i> , 2020, 22, 797-805.	0.6	61
123	Experimental measurement of ionization chamber angular response and associated magnetic field correction factors in MR-Linac. <i>Medical Physics</i> , 2020, 47, 1940-1948.	1.6	13
124	Measurement of surface dose in an MR-Linac with optically stimulated luminescence dosimeters for IMRT beam geometries. <i>Medical Physics</i> , 2020, 47, 3133-3142.	1.6	8
125	HER2-targeted therapy prolongs survival in patients with HER2-positive breast cancer and intracranial metastatic disease: a systematic review and meta-analysis. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa136.	0.4	6
126	A phase II multicenter study of stereotactic radiotherapy (SRT) for oligoprogression in metastatic renal cell cancer (mRCC) patients receiving tyrosine kinase inhibitor (TKI) therapy. <i>Journal of Clinical Oncology</i> , 2020, 38, 5065-5065.	0.8	7

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127	Management of recurrent or progressive spinal metastases: reirradiation techniques and surgical principles. <i>Neuro-Oncology Practice</i> , 2020, 7, i45-i53.	1.0	6
128	Clinical Image Coregistration Variability on a Dedicated Radiosurgery Unit. <i>Neurosurgery</i> , 2019, 85, E101-E108.	0.6	5
129	Surgical Resection With Radiation Treatment Planning of Spinal Tumors. <i>Neurosurgery</i> , 2019, 84, 1242-1250.	0.6	13
130	Association of neurologic deficits with surgical outcomes and health-related quality of life after treatment for metastatic epidural spinal cord compression. <i>Cancer</i> , 2019, 125, 4224-4231.	2.0	29
131	Single-Fraction Stereotactic Radiosurgery Versus Hippocampal-Avoidance Whole Brain Radiation Therapy for Patients With 10 to 30 Brain Metastases: A Dosimetric Analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 105, 394-399.	0.4	23
132	Commentary: Clinical Outcomes of Upfront Stereotactic Radiosurgery Alone for Patient With 5 to 15 Brain Metastases. <i>Neurosurgery</i> , 2019, 85, E247-E248.	0.6	1
133	Changes in Volume and Density Parameters Measured on Computed Tomography Images Following Stereotactic Body Radiation Therapy of Nonspine Bone Metastases. <i>Technology in Cancer Research and Treatment</i> , 2019, 18, 153303381985353.	0.8	1
134	Spinal metastasis: diagnosis, management and follow-up. <i>British Journal of Radiology</i> , 2019, 92, 20190211.	1.0	29
135	Estimating survival in patients with gastrointestinal cancers and brain metastases: An update of the graded prognostic assessment for gastrointestinal cancers (GI-GPA). <i>Clinical and Translational Radiation Oncology</i> , 2019, 18, 39-45.	0.9	26
136	Quantification of pulsed saturation transfer at 1.5T and 3T. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 1684-1699.	1.9	5
137	Tissue segmentation-based electron density mapping for MR-only radiotherapy treatment planning of brain using conventional T1-weighted MR images. <i>Journal of Applied Clinical Medical Physics</i> , 2019, 20, 11-20.	0.8	5
138	Strategies to Mitigate Toxicities From Stereotactic Body Radiation Therapy for Spine Metastases. <i>Neurosurgery</i> , 2019, 85, 729-740.	0.6	12
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