

# Arjun Sahgal

## List of Publications by Citations

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410  
papers

10,580  
citations

54  
h-index

85  
g-index

453  
ext. papers

13,780  
ext. citations

3.5  
avg, IF

6.38  
L-index

#	Paper	IF	Citations
410	Short-Course Radiation plus Temozolomide in Elderly Patients with Glioblastoma. <i>New England Journal of Medicine</i> , <b>2017</b> , 376, 1027-1037	59.2	525
409	International Spine Radiosurgery Consortium consensus guidelines for target volume definition in spinal stereotactic radiosurgery. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2012</b> , 83, e597-605	4	306
408	Phase 3 trials of stereotactic radiosurgery with or without whole-brain radiation therapy for 1 to 4 brain metastases: individual patient data meta-analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2015</b> , 91, 710-7	4	295
407	Stereotactic body radiosurgery for spinal metastases: a critical review. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2008</b> , 71, 652-65	4	252
406	Vertebral compression fracture after spine stereotactic body radiotherapy: a multi-institutional analysis with a focus on radiation dose and the spinal instability neoplastic score. <i>Journal of Clinical Oncology</i> , <b>2013</b> , 31, 3426-31	2.2	235
405	Blood-Brain Barrier Opening in Primary Brain Tumors with Non-invasive MR-Guided Focused Ultrasound: A Clinical Safety and Feasibility Study. <i>Scientific Reports</i> , <b>2019</b> , 9, 321	4.9	233
404	Reirradiation human spinal cord tolerance for stereotactic body radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2012</b> , 82, 107-16	4	196
403	Probabilities of radiation myelopathy specific to stereotactic body radiation therapy to guide safe practice. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2013</b> , 85, 341-7	4	186
402	Spinal cord tolerance for stereotactic body radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2010</b> , 77, 548-53	4	177
401	A meta-analysis evaluating stereotactic radiosurgery, whole-brain radiotherapy, or both for patients presenting with a limited number of brain metastases. <i>Cancer</i> , <b>2012</b> , 118, 2486-93	6.4	163
400	Stereotactic body radiotherapy for spinal metastases: current status, with a focus on its application in the postoperative patient. <i>Journal of Neurosurgery: Spine</i> , <b>2011</b> , 14, 151-66	2.8	159
399	Response assessment after stereotactic body radiotherapy for spinal metastasis: a report from the SPIne response assessment in Neuro-Oncology (SPINO) group. <i>Lancet Oncology, The</i> , <b>2015</b> , 16, e595-603	21.7	121
398	Survival and Clinical Outcomes in Surgically Treated Patients With Metastatic Epidural Spinal Cord Compression: Results of the Prospective Multicenter AOSpine Study. <i>Journal of Clinical Oncology</i> , <b>2016</b> , 34, 268-76	2.2	121
397	Vertebral compression fracture after stereotactic body radiotherapy for spinal metastases. <i>Lancet Oncology, The</i> , <b>2013</b> , 14, e310-20	21.7	119
396	Surgical resection of epidural disease improves local control following postoperative spine stereotactic body radiotherapy. <i>Neuro-Oncology</i> , <b>2013</b> , 15, 1413-9	1	118
395	Safety and efficacy of stereotactic body radiotherapy as primary treatment for vertebral metastases: a multi-institutional analysis. <i>Radiation Oncology</i> , <b>2014</b> , 9, 226	4.2	116
394	Toxicity of concurrent stereotactic radiotherapy and targeted therapy or immunotherapy: A systematic review. <i>Cancer Treatment Reviews</i> , <b>2017</b> , 53, 25-37	14.4	115

393	Current approaches to the management of brain metastases. <i>Nature Reviews Clinical Oncology</i> , <b>2020</b> , 17, 279-299	19.4	110
392	Spine stereotactic body radiotherapy for renal cell cancer spinal metastases: analysis of outcomes and risk of vertebral compression fracture. <i>Journal of Neurosurgery: Spine</i> , <b>2014</b> , 21, 711-8	2.8	100
391	Consensus Contouring Guidelines for Postoperative Completely Resected Cavity Stereotactic Radiosurgery for Brain Metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2018</b> , 100, 436-442	4	91
390	Pseudoprogression following chemoradiotherapy for glioblastoma multiforme. <i>Canadian Journal of Neurological Sciences</i> , <b>2010</b> , 37, 36-42	1	89
389	Diagnosis and Management of Radiation Necrosis in Patients With Brain Metastases. <i>Frontiers in Oncology</i> , <b>2018</b> , 8, 395	5.3	84
388	Stereotactic body radiotherapy for de novo spinal metastases: systematic review. <i>Journal of Neurosurgery: Spine</i> , <b>2017</b> , 27, 295-302	2.8	83
387	Single versus Multifraction Stereotactic Radiosurgery for Large Brain Metastases: An International Meta-analysis of 24 Trials. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2019</b> , 103, 618-630 <sup>4</sup>		80
386	Reirradiation spine stereotactic body radiation therapy for spinal metastases: systematic review. <i>Journal of Neurosurgery: Spine</i> , <b>2017</b> , 27, 428-435	2.8	79
385	Online Adaptive Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2017</b> , 99, 994-1003	4	78
384	Gamma knife radiosurgery for brainstem metastases: the UCSF experience. <i>Journal of Neuro-Oncology</i> , <b>2008</b> , 86, 195-205	4.8	78
383	QOLP-30. SURVIVAL, LOCAL CONTROL, AND HEALTH RELATED QUALITY OF LIFE IN OLIGOMETASTATIC AND POLYMETASTATIC SPINAL TUMORS: A MULTICENTER, INTERNATIONAL STUDY. <i>Neuro-Oncology</i> , <b>2018</b> , 20, vi221-vi221	1	78
382	LGG-49. MOLECULAR ALTERATIONS IN PREGNANT ADOLESCENT AND YOUNG ADULT WOMEN WITH GLIOMA. <i>Neuro-Oncology</i> , <b>2018</b> , 20, i115-i115	1	78
381	Image-guided, intensity-modulated radiation therapy (IG-IMRT) for skull base chordoma and chondrosarcoma: preliminary outcomes. <i>Neuro-Oncology</i> , <b>2015</b> , 17, 889-94	1	75
380	Image-guided robotic stereotactic body radiotherapy for benign spinal tumors: the University of California San Francisco preliminary experience. <i>Technology in Cancer Research and Treatment</i> , <b>2007</b> , 6, 595-604	2.7	75
379	Vertebral compression fractures after stereotactic body radiation therapy: a large, multi-institutional, multinational evaluation. <i>Journal of Neurosurgery: Spine</i> , <b>2016</b> , 24, 928-36	2.8	73
378	Differentiation between Radiation Necrosis and Tumor Progression Using Chemical Exchange Saturation Transfer. <i>Clinical Cancer Research</i> , <b>2017</b> , 23, 3667-3675	12.9	71
377	Safety and Local Control of Radiation Therapy for Chordoma of the Spine and Sacrum: A Systematic Review. <i>Spine</i> , <b>2016</b> , 41 Suppl 20, S186-S192	3.3	70
376	Salvage Stereotactic Body Radiotherapy (SBRT) Following In-Field Failure of Initial SBRT for Spinal Metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2015</b> , 93, 353-60	4	68

375	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> , <b>2017</b> , 97, 64-74	4	68
374	The MRI-Linear Accelerator Consortium: Evidence-Based Clinical Introduction of an Innovation in Radiation Oncology Connecting Researchers, Methodology, Data Collection, Quality Assurance, and Technical Development. <i>Frontiers in Oncology</i> , <b>2016</b> , 6, 215	5.3	68
373	Stereotactic radiosurgery (SRS) in the modern management of patients with brain metastases. <i>Oncotarget</i> , <b>2016</b> , 7, 12318-30	3.3	67
372	The transformation of radiation oncology using real-time magnetic resonance guidance: A review. <i>European Journal of Cancer</i> , <b>2019</b> , 122, 42-52	7.5	66
371	Vertebral Compression Fracture After Spine Stereotactic Body Radiation Therapy: A Review of the Pathophysiology and Risk Factors. <i>Neurosurgery</i> , <b>2018</b> , 83, 314-322	3.2	65
370	Radiation-induced vertebral compression fracture following spine stereotactic radiosurgery: clinicopathological correlation. <i>Journal of Neurosurgery: Spine</i> , <b>2013</b> , 18, 430-5	2.8	65
369	Stereotactic radiosurgery for trigeminal neuralgia: a systematic review. <i>Journal of Neurosurgery</i> , <b>2018</b> , 130, 733-757	3.2	64
368	When Less Is More: The indications for MIS Techniques and Separation Surgery in Metastatic Spine Disease. <i>Spine</i> , <b>2016</b> , 41 Suppl 20, S246-S253	3.3	63
367	Technique for stereotactic body radiotherapy for spinal metastases. <i>Journal of Clinical Neuroscience</i> , <b>2011</b> , 18, 276-9	2.2	61
366	Postoperative Stereotactic Body Radiation Therapy (SBRT) for Spine Metastases: A Critical Review to Guide Practice. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2016</b> , 95, 1414-1428	4	61
365	Consensus guidelines for postoperative stereotactic body radiation therapy for spinal metastases: results of an international survey. <i>Journal of Neurosurgery: Spine</i> , <b>2017</b> , 26, 299-306	2.8	60
364	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> , <b>2020</b> , 38, 3773-3784	2.2	60
363	The Spinal Instability Neoplastic Score: Impact on Oncologic Decision-Making. <i>Spine</i> , <b>2016</b> , 41 Suppl 20, S231-S237	3.3	60
362	Treatment of elderly patients with glioblastoma: a systematic evidence-based analysis. <i>JAMA Neurology</i> , <b>2015</b> , 72, 589-96	17.2	59
361	Evaluation of a commercial MRI Linac based Monte Carlo dose calculation algorithm with GEANT4. <i>Medical Physics</i> , <b>2016</b> , 43, 894-907	4.4	59
360	Re-irradiation stereotactic body radiotherapy for spinal metastases: a multi-institutional outcome analysis. <i>Journal of Neurosurgery: Spine</i> , <b>2016</b> , 25, 646-653	2.8	57
359	Minimal access spine surgery (MASS) for decompression and stabilization performed as an out-patient procedure for metastatic spinal tumours followed by spine stereotactic body radiotherapy (SBRT): first report of technique and preliminary outcomes. <i>Technology in Cancer Research and Treatment</i> , <b>2012</b> , 11, 15-25	2.7	56
358	Spine Stereotactic Body Radiotherapy: Indications, Outcomes, and Points of Caution. <i>Global Spine Journal</i> , <b>2017</b> , 7, 179-197	2.7	55

357	Stereotactic radiosurgery alone for multiple brain metastases? A review of clinical and technical issues. <i>Neuro-Oncology</i> , <b>2017</b> , 19, ii2-ii15	1	54
356	Variable dose interplay effects across radiosurgical apparatus in treating multiple brain metastases. <i>International Journal of Computer Assisted Radiology and Surgery</i> , <b>2014</b> , 9, 1079-86	3.9	53
355	Single- and Multi-Fraction Stereotactic Radiosurgery Dose Tolerances of the Optic Pathways. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2021</b> , 110, 87-99	4	53
354	Imaging-Based Outcomes for 24[Gy in 2 Daily Fractions for Patients with de Novo Spinal Metastases Treated With Spine Stereotactic Body Radiation Therapy (SBRT). <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2018</b> , 102, 499-507	4	53
353	Advances in technology for intracranial stereotactic radiosurgery. <i>Technology in Cancer Research and Treatment</i> , <b>2009</b> , 8, 271-80	2.7	51
352	Minimal clinically important differences in the Edmonton symptom assessment system in patients with advanced cancer. <i>Journal of Pain and Symptom Management</i> , <b>2013</b> , 46, 192-200	4.8	48
351	Metastatic Spinal Cord Compression and Steroid Treatment: A Systematic Review. <i>Clinical Spine Surgery</i> , <b>2017</b> , 30, 156-163	1.8	48
350	R-IDEAL: A Framework for Systematic Clinical Evaluation of Technical Innovations in Radiation Oncology. <i>Frontiers in Oncology</i> , <b>2017</b> , 7, 59	5.3	48
349	Apparatus dependence of normal brain tissue dose in stereotactic radiosurgery for multiple brain metastases. <i>Journal of Neurosurgery</i> , <b>2011</b> , 114, 1580-4	3.2	47
348	Stereotactic radiosurgery alone for brain metastases. <i>Lancet Oncology, The</i> , <b>2015</b> , 16, 249-50	21.7	46
347	Predictive factors for overall quality of life in patients with advanced cancer. <i>Supportive Care in Cancer</i> , <b>2013</b> , 21, 1709-16	3.9	46
346	Effects of residual target motion for image-tracked spine radiosurgery. <i>Medical Physics</i> , <b>2007</b> , 34, 4484-90.4	4.4	46
345	Glioblastoma: patterns of recurrence and efficacy of salvage treatments. <i>Canadian Journal of Neurological Sciences</i> , <b>2011</b> , 38, 621-5	1	43
344	Single- and Multifraction Stereotactic Radiosurgery Dose/Volume Tolerances of the Brain. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2021</b> , 110, 68-86	4	40
343	Neuro-oncology Management During the COVID-19 Pandemic With a Focus on WHO Grade III and IV Gliomas. <i>Neuro-Oncology</i> , <b>2020</b> ,	1	39
342	Retrospective assessment of cancer pain management in an outpatient palliative radiotherapy clinic using the Pain Management Index. <i>Journal of Pain and Symptom Management</i> , <b>2010</b> , 39, 259-67	4.8	39
341	Stereotactic Body Radiotherapy for Spinal Metastases: What are the Risks and How Do We Minimize Them?. <i>Spine</i> , <b>2016</b> , 41 Suppl 20, S238-S245	3.3	39
340	Estimating survival for renal cell carcinoma patients with brain metastases: an update of the Renal Graded Prognostic Assessment tool. <i>Neuro-Oncology</i> , <b>2018</b> , 20, 1652-1660	1	38

339	Stereotactic body radiotherapy is an effective treatment in reirradiating spinal metastases: current status and practical considerations for safe practice. <i>Expert Review of Anticancer Therapy</i> , <b>2011</b> , 11, 1923-1933	3.5	38
338	EORTC QLQ-C15-PAL quality of life scores in patients with advanced cancer referred for palliative radiotherapy. <i>Supportive Care in Cancer</i> , <b>2012</b> , 20, 841-8	3.9	37
337	Differentiating radiation necrosis from tumor progression in brain metastases treated with stereotactic radiotherapy: utility of intravoxel incoherent motion perfusion MRI and correlation with histopathology. <i>Journal of Neuro-Oncology</i> , <b>2017</b> , 134, 433-441	4.8	36
336	Chemical exchange saturation transfer for predicting response to stereotactic radiosurgery in human brain metastasis. <i>Magnetic Resonance in Medicine</i> , <b>2017</b> , 78, 1110-1120	4.4	36
335	Stereotactic Body Radiotherapy (SBRT) for Oligometastatic Spine Metastases: An Overview. <i>Frontiers in Oncology</i> , <b>2019</b> , 9, 337	5.3	35
334	Stereotactic Radiosurgery in the Management of Limited (1-4) Brain Metastases: Systematic Review and International Stereotactic Radiosurgery Society Practice Guideline. <i>Neurosurgery</i> , <b>2018</b> , 83, 345-353	3.2	35
333	Evaluation of Glioblastoma Response to Therapy With Chemical Exchange Saturation Transfer. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2018</b> , 101, 713-723	4	35
332	Upfront observation versus radiation for adult pilocytic astrocytoma. <i>Cancer</i> , <b>2011</b> , 117, 4070-9	6.4	35
331	Stereotactic spine radiosurgery: Review of safety and efficacy with respect to dose and fractionation. <i>Surgical Neurology International</i> , <b>2017</b> , 8, 30	1	34
330	Spinal Cord Dose Tolerance to Stereotactic Body Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2021</b> , 110, 124-136	4	34
329	Essential Concepts for the Management of Metastatic Spine Disease: What the Surgeon Should Know and Practice. <i>Global Spine Journal</i> , <b>2019</b> , 9, 98S-107S	2.7	33
328	Estimated Risk Level of Unified Stereotactic Body Radiation Therapy Dose Tolerance Limits for Spinal Cord. <i>Seminars in Radiation Oncology</i> , <b>2016</b> , 26, 165-71	5.5	33
327	Radiosurgery for epilepsy: Systematic review and International Stereotactic Radiosurgery Society (ISRS) practice guideline. <i>Epilepsy Research</i> , <b>2017</b> , 137, 123-131	3	32
326	Impact of millimeter-level margins on peripheral normal brain sparing for gamma knife radiosurgery. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2014</b> , 89, 206-13	4	32
325	The MOMENTUM Study: An International Registry for the Evidence-Based Introduction of MR-Guided Adaptive Therapy. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 1328	5.3	32
324	Stereotactic Body Radiotherapy for Spinal Metastases: Practice Guidelines, Outcomes, and Risks. <i>Cancer Journal (Sudbury, Mass)</i> , <b>2016</b> , 22, 280-9	2.2	32
323	ACR Appropriateness Criteria□ Metastatic Epidural Spinal Cord Compression and Recurrent Spinal Metastasis. <i>Journal of Palliative Medicine</i> , <b>2015</b> , 18, 573-84	2.2	31
322	MR-guided radiation therapy: transformative technology and its role in the central nervous system. <i>Neuro-Oncology</i> , <b>2017</b> , 19, ii16-ii29	1	31

321	Predicting Neurologic Recovery after Surgery in Patients with Deficits Secondary to MESCC: Systematic Review. <i>Spine</i> , <b>2016</b> , 41 Suppl 20, S224-S230	3.3	31
320	Immunomodulatory Effects of Stereotactic Body Radiation Therapy: Preclinical Insights and Clinical Opportunities. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2021</b> , 110, 35-52	4	31
319	Prophylactic dexamethasone effectively reduces the incidence of pain flare following spine stereotactic body radiotherapy (SBRT): a prospective observational study. <i>Supportive Care in Cancer</i> , <b>2015</b> , 23, 2937-43	3.9	30
318	Stereotactic body radiation therapy for spinal metastases. <i>Discovery Medicine</i> , <b>2010</b> , 9, 289-96	2.5	29
317	Psychometric validation of the functional assessment of cancer therapy--brain (FACT-Br) for assessing quality of life in patients with brain metastases. <i>Supportive Care in Cancer</i> , <b>2014</b> , 22, 1017-28	3.9	28
316	Edmonton symptom assessment scale as a prognosticative indicator in patients with advanced cancer. <i>Journal of Palliative Medicine</i> , <b>2011</b> , 14, 337-42	2.2	28
315	To frame or not to frame? Cone-beam CT-based analysis of head immobilization devices specific to linac-based stereotactic radiosurgery and radiotherapy. <i>Journal of Applied Clinical Medical Physics</i> , <b>2018</b> , 19, 111-120	2.3	27
314	Local control and fracture risk following stereotactic body radiation therapy for non-spine bone metastases. <i>Radiotherapy and Oncology</i> , <b>2018</b> , 127, 304-309	5.3	27
313	The palliative performance scale: examining its inter-rater reliability in an outpatient palliative radiation oncology clinic. <i>Supportive Care in Cancer</i> , <b>2009</b> , 17, 685-90	3.9	27
312	Advanced Magnetic Resonance Imaging Techniques in Management of Brain Metastases. <i>Frontiers in Oncology</i> , <b>2019</b> , 9, 440	5.3	26
311	Stereotactic Radiosurgery for Benign (World Health Organization Grade I) Cavernous Sinus Meningiomas-International Stereotactic Radiosurgery Society (ISRS) Practice Guideline: A Systematic Review. <i>Neurosurgery</i> , <b>2018</b> , 83, 1128-1142	3.2	26
310	Patterns of epidural progression following postoperative spine stereotactic body radiotherapy: implications for clinical target volume delineation. <i>Journal of Neurosurgery: Spine</i> , <b>2016</b> , 24, 652-9	2.8	26
309	Multisite stereotactic body radiotherapy for metastatic non-small-cell lung cancer: Delaying the need to start or change systemic therapy?. <i>Lung Cancer</i> , <b>2018</b> , 124, 219-226	5.9	26
308	Tumor extravasation following a cement augmentation procedure for vertebral compression fracture in metastatic spinal disease. <i>Journal of Neurosurgery: Spine</i> , <b>2014</b> , 21, 372-7	2.8	26
307	Volume of Lytic Vertebral Body Metastatic Disease Quantified Using Computed Tomography-Based Image Segmentation Predicts Fracture Risk After Spine Stereotactic Body Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2017</b> , 97, 75-81	4	26
306	Prescription dose guideline based on physical criterion for multiple metastatic brain tumors treated with stereotactic radiosurgery. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2010</b> , 78, 605-8	4	26
305	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> , <b>2021</b> , 22, 1023-1033	21.7	26
304	Comparison of pain response and functional interference outcomes between spinal and non-spinal bone metastases treated with palliative radiotherapy. <i>Supportive Care in Cancer</i> , <b>2012</b> , 20, 633-9	3.9	25

303	National trends in radiotherapy for brain metastases at time of diagnosis of non-small cell lung cancer. <i>Journal of Clinical Neuroscience</i> , <b>2017</b> , 45, 48-53	2.2	25
302	Hypofractionated stereotactic radiotherapy in five daily fractions for post-operative surgical cavities in brain metastases patients with and without prior whole brain radiation. <i>Technology in Cancer Research and Treatment</i> , <b>2013</b> , 12, 493-9	2.7	25
301	FACT-Br for assessment of quality of life in patients receiving treatment for brain metastases: a literature review. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , <b>2011</b> , 11, 701-8	2.2	25
300	A Systematic Review of Clinical Outcomes and Prognostic Factors for Patients Undergoing Surgery for Spinal Metastases Secondary to Breast Cancer. <i>Global Spine Journal</i> , <b>2016</b> , 6, 482-96	2.7	25
299	Stereotactic body radiotherapy for pancreatic cancer: recent progress and future directions. <i>Expert Review of Anticancer Therapy</i> , <b>2016</b> , 16, 523-30	3.5	24
298	Minimal clinically important differences in the brief pain inventory in patients with bone metastases. <i>Supportive Care in Cancer</i> , <b>2013</b> , 21, 1893-9	3.9	24
297	Volume specific response criteria for brain metastases following salvage stereotactic radiosurgery and associated predictors of response. <i>Acta Oncologica</i> , <b>2012</b> , 51, 629-35	3.2	24
296	Stereotactic radiosurgery for vestibular schwannoma: International Stereotactic Radiosurgery Society (ISRS) Practice Guideline. <i>Journal of Radiosurgery and SBRT</i> , <b>2017</b> , 5, 5-24	0.4	24
295	Experimental evaluation of a GPU-based Monte Carlo dose calculation algorithm in the Monaco treatment planning system. <i>Journal of Applied Clinical Medical Physics</i> , <b>2016</b> , 17, 230-241	2.3	24
294	Magnetic resonance imaging assessment of spinal cord and cauda equina motion in supine patients with spinal metastases planned for spine stereotactic body radiation therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2015</b> , 91, 995-1002	4	23
293	Symptom clusters in patients with advanced cancer: a reanalysis comparing different statistical methods. <i>Journal of Pain and Symptom Management</i> , <b>2012</b> , 44, 23-32	4.8	23
292	Glioblastoma management in the temozolomide era: have we improved outcome?. <i>Journal of Neuro-Oncology</i> , <b>2013</b> , 115, 303-10	4.8	23
291	Fatigue in advanced cancer patients attending an outpatient palliative radiotherapy clinic as screened by the Edmonton Symptom Assessment System. <i>Supportive Care in Cancer</i> , <b>2012</b> , 20, 1037-42	3.9	23
290	ACR Appropriateness Criteria Management of Vertebral Compression Fractures. <i>Journal of the American College of Radiology</i> , <b>2018</b> , 15, S347-S364	3.5	23
289	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> , <b>2020</b> , 22, 1359-1367	3.8	22
288	Apparatus-dependent dosimetric differences in spine stereotactic body radiotherapy. <i>Technology in Cancer Research and Treatment</i> , <b>2010</b> , 9, 563-74	2.7	22
287	Management of metastatic spinal cord compression. <i>Expert Review of Anticancer Therapy</i> , <b>2010</b> , 10, 697-708	3.9	22
286	Current treatment strategy for newly diagnosed chordoma of the mobile spine and sacrum: results of an international survey. <i>Journal of Neurosurgery: Spine</i> , <b>2018</b> , 30, 119-125	2.8	22



285	Quantitative MRI Biomarkers of Stereotactic Radiotherapy Outcome in Brain Metastasis. <i>Scientific Reports</i> , <b>2019</b> , 9, 19830	4.9	22
284	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> , <b>2020</b> , 9, 5798-5806	4.8	21
283	Use of radiomics for the prediction of local control of brain metastases after stereotactic radiosurgery. <i>Neuro-Oncology</i> , <b>2020</b> , 22, 797-805	1	21
282	Conditional probability of survival and post-progression survival in patients with glioblastoma in the temozolomide treatment era. <i>Journal of Neuro-Oncology</i> , <b>2014</b> , 117, 153-60	4.8	21
281	Symptomatic spinal metastasis: A systematic literature review of the preoperative prognostic factors for survival, neurological, functional and quality of life in surgically treated patients and methodological recommendations for prognostic studies. <i>PLoS ONE</i> , <b>2017</b> , 12, e0171507	3.7	21
280	Stereotactic radiosurgery for non-functioning pituitary adenomas: meta-analysis and International Stereotactic Radiosurgery Society practice opinion. <i>Neuro-Oncology</i> , <b>2020</b> , 22, 318-332	1	21
279	A multi-national report on stereotactic body radiotherapy for oligometastases: Patient selection and follow-up. <i>Acta Oncologica</i> , <b>2016</b> , 55, 633-7	3.2	21
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