Ian Paddick

List of Publications by Year
in descending order

51 papers	2,866 citations	279487 23 h-index	197535 49 g-index
51 all docs	51 docs citations	51 times ranked	2618 citing authors

#	Article	IF	Citations
1	A simple scoring ratio to index the conformity of radiosurgical treatment plans. Journal of Neurosurgery, 2000, 93, 219-222.	0.9	770
2	A simple dose gradient measurement tool to complement the conformity index. Journal of Neurosurgery, 2006, 105, 194-201.	0.9	524
3	Stereotactic radiosurgery in the treatment of brain metastases: The current evidence. Cancer Treatment Reviews, 2014, 40, 48-59.	3.4	190
4	Stereotactic body radiotherapy for de novo spinal metastases: systematic review. Journal of Neurosurgery: Spine, 2017, 27, 295-302.	0.9	121
5	THE LEKSELL GAMMA KNIFE PERFEXION AND COMPARISONS WITH ITS PREDECESSORS. Operative Neurosurgery, 2007, 61, 130-141.	0.4	116
6	Reirradiation spine stereotactic body radiation therapy for spinal metastases: systematic review. Journal of Neurosurgery: Spine, 2017, 27, 428-435.	0.9	113
7	Stereotactic radiosurgery for trigeminal neuralgia: a systematic review. Journal of Neurosurgery, 2019, 130, 733-757.	0.9	109
8	Standardization of terminology in stereotactic radiosurgery: Report from the Standardization Committee of the International Leksell Gamma Knife Society. Journal of Neurosurgery, 2014, 121, 2-15.	0.9	75
9	Evolution of gamma knife capsulotomy for intractable obsessive-compulsive disorder. Molecular Psychiatry, 2019, 24, 218-240.	4.1	73
10	Stereotactic Radiosurgery in the Management of Limited (1-4) Brain Metasteses: Systematic Review and International Stereotactic Radiosurgery Society Practice Guideline. Neurosurgery, 2018, 83, 345-353.	0.6	64
11	Radiosurgery for epilepsy: Systematic review and International Stereotactic Radiosurgery Society (ISRS) practice guideline. Epilepsy Research, 2017, 137, 123-131.	0.8	47
12	Establishment of a Therapeutic Ratio for Gamma Knife Radiosurgery of Trigeminal Neuralgia: The Critical Importance of Biologically Effective Dose Versus Physical Dose. World Neurosurgery, 2020, 134, e204-e213.	0.7	44
13	Stereotactic Radiosurgery for Benign (World Health Organization Grade I) Cavernous Sinus Meningiomasâ€"International Stereotactic Radiosurgery Society (ISRS) Practice Guideline. Neurosurgery, 2018, 83, 1128-1142.	0.6	42
14	ESTRO ACROP guideline for target volume delineation of skull base tumors. Radiotherapy and Oncology, 2021, 156, 80-94.	0.3	41
15	The role of the concept of biologically effective dose (BED) in treatment planning in radiosurgery. Physica Medica, 2015, 31, 627-633.	0.4	40
16	Stereotactic radiosurgery for non-functioning pituitary adenomas: meta-analysis and International Stereotactic Radiosurgery Society practice opinion. Neuro-Oncology, 2020, 22, 318-332.	0.6	40
17	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.	0.4	38
18	Segmentation of vestibular schwannoma from MRI, an open annotated dataset and baseline algorithm. Scientific Data, 2021, 8, 286.	2.4	35

#	Article	IF	Citations
19	Stereotactic radiosurgery for multiple brain metastases: Results of multicenter benchmark planning studies. Practical Radiation Oncology, 2018, 8, e212-e220.	1.1	31
20	Stereotactic Radiosurgery for Intracranial Noncavernous Sinus Benign Meningioma: International Stereotactic Radiosurgery Society Systematic Review, Meta-Analysis and Practice Guideline. Neurosurgery, 2020, 87, 879-890.	0.6	28
21	Stereotactic radiosurgery for tremor: systematic review. Journal of Neurosurgery, 2019, 130, 589-600.	0.9	27
22	Stereotactic radiosurgery for vestibular schwannoma: International Stereotactic Radiosurgery Society (ISRS) Practice Guideline. Journal of Radiosurgery and SBRT, 2017, 5, 5-24.	0.2	26
23	THE LEKSELL GAMMA KNIFE PERFEXION AND COMPARISONS WITH ITS PREDECESSORS. Neurosurgery, 2008, 62, 721-32.	0.6	24
24	Stereotactic radiosurgery for benign brain tumors: Results of multicenter benchmark planning studies. Practical Radiation Oncology, 2018, 8, e295-e304.	1.1	24
25	Active minimisation of radiation scatter during breast radiotherapy: management implications for young patients with good-prognosis primary neoplasms. Radiotherapy and Oncology, 1996, 40, 69-74.	0.3	23
26	Stereotactic Radiosurgery for Spetzler-Martin Grade I and II Arteriovenous Malformations: International Society of Stereotactic Radiosurgery (ISRS) Practice Guideline. Neurosurgery, 2020, 87, 442-452.	0.6	23
27	Stereotactic radiosurgery for secretory pituitary adenomas: systematic review and International Stereotactic Radiosurgery Society practice recommendations. Journal of Neurosurgery, 2022, 136, 801-812.	0.9	22
28	A novel index for assessing treatment plan quality in stereotactic radiosurgery. Journal of Neurosurgery, 2018, 129, 118-124.	0.9	20
29	Investigation of dosimetric differences between the TMR 10 and convolution algorithm for Gamma Knife stereotactic radiosurgery. Journal of Applied Clinical Medical Physics, 2016, 17, 217-229.	0.8	19
30	Evaluation of the stability of the stereotactic Leksell Frame G in Gamma Knife radiosurgery. Journal of Applied Clinical Medical Physics, 2016, 17, 75-89.	0.8	18
31	Stereotactic Radiosurgery for Postoperative Spine Malignancy: A Systematic Review and International Stereotactic Radiosurgery Society Practice Guidelines. Practical Radiation Oncology, 2022, 12, e65-e78.	1.1	17
32	Integration of gamma knife surgery in the management of cerebral metastases from melanoma. Melanoma Research, 2006, 16, 51-57.	0.6	15
33	The Effect of Slice Thickness on Contours of Brain Metastases for Stereotactic Radiosurgery. Advances in Radiation Oncology, 2021, 6, 100708.	0.6	15
34	IntuitivePlan inverse planning performance evaluation for Gamma Knife radiosurgery of AVMs. Journal of Applied Clinical Medical Physics, 2020, 21, 90-95.	0.8	7
35	Extracranial dose and the risk of radiation-induced malignancy after intracranial stereotactic radiosurgery: is it time to establish a therapeutic reference level?. Acta Neurochirurgica, 2021, 163, 971-979.	0.9	7
36	Stereotactic Radiosurgery for Dural Arteriovenous Fistulas: A Systematic Review and Meta-Analysis and International Stereotactic Radiosurgery Society Practice Guidelines. Neurosurgery, 2022, 91, 43-58.	0.6	7

#	Article	IF	Citations
37	Letter: Treatment Outcomes and Dose Rate Effects Following Gamma Knife Stereotactic Radiosurgery for Vestibular Schwannomas. Neurosurgery, 2020, 86, E407-E409.	0.6	6
38	Treatment of multiple intracranial metastases in radiation oncology: a contemporary review of available technologies. BJR|Open, 2021, 3, 20210035.	0.4	4
39	Radiosurgery Nomenclature: A Confusion of Tongues. International Journal of Radiation Oncology Biology Physics, 2015, 92, 512-513.	0.4	3
40	Planning of gamma knife radiosurgery (GKR) for brain arteriovenous malformations using triple magnetic resonance angiography (triple-MRA). British Journal of Neurosurgery, 2022, 36, 217-227.	0.4	3
41	Impact of Decaying Dose-rate in Gamma Knife Radiosurgery. Journal of Radiosurgery and SBRT, 2013, 2, 251-253.	0.2	3
42	Errors in three-dimensional doses calculated from a two-dimensional database - case report: wedged fields at 6 MV. Physics in Medicine and Biology, 1997, 42, 1197-1202.	1.6	2
43	Letter to the Editor. Biologically effective dose and the treatment of AVMs. Journal of Neurosurgery, 2021, 134, 2007-2008.	0.9	2
44	The impact of unscheduled gaps and iso-centre sequencing on the biologically effective dose in Gamma Knife radiosurgery. Journal of Radiosurgery and SBRT, 2021, 7, 213-221.	0.2	2
45	Targeting and Conformality in Arteriovenous Malformation Radiosurgery. Progress in Neurological Surgery, 2012, 27, 35-48.	1.3	1
46	Letter to the Editor. Predictors for radiation toxicity and tumor control. Journal of Neurosurgery, 2019, 131, 654-656.	0.9	1
47	Personal perspectives on the evolution of radiation therapy and future outlook for SRS. Journal of Radiosurgery and SBRT, 2018, 5, 87-88.	0.2	1
48	Effects of variations in overall treatment time on the clonogenic survival of V79-4 cells: Implications for radiosurgery. Journal of Radiosurgery and SBRT, 2019, 6, 1-9.	0.2	1
49	Improving on whole-brain radiotherapy in patients with large brain metastases: A planning study to support the AROMA clinical trial. Radiotherapy and Oncology, 2022, , .	0.3	1
50	Biologically effective dose correlates with linear tumour volume changes after upfront single-fraction stereotactic radiosurgery for vestibular schwannomas. Neurosurgical Review, 2022, , 1.	1.2	1
51	Editorial. Leksell Gamma Knife Society and radiosurgery: a legacy and a vision for the future. Journal of Neurosurgery, 2018, 129, 2-4.	0.9	0