

Ian Paddick

List of Publications by Year in descending order

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Version: 2024-02-01

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	Planning of gamma knife radiosurgery (GKR) for brain arteriovenous malformations using triple magnetic resonance angiography (triple-MRA). <i>British Journal of Neurosurgery</i> , 2022, 36, 217-227.	0.4	3
2	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
3	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
4	Improving on whole-brain radiotherapy in patients with large brain metastases: A planning study to support the AROMA clinical trial. <i>Radiotherapy and Oncology</i> , 2022, , .	0.3	1
5	Biologically effective dose correlates with linear tumour volume changes after upfront single-fraction stereotactic radiosurgery for vestibular schwannomas. <i>Neurosurgical Review</i> , 2022, , 1.	1.2	1
6	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
7	ESTRO ACROP guideline for target volume delineation of skull base tumors. <i>Radiotherapy and Oncology</i> , 2021, 156, 80-94.	0.3	41
8	Extracranial dose and the risk of radiation-induced malignancy after intracranial stereotactic radiosurgery: is it time to establish a therapeutic reference level?. <i>Acta Neurochirurgica</i> , 2021, 163, 971-979.	0.9	7
9	Treatment of multiple intracranial metastases in radiation oncology: a contemporary review of available technologies. <i>BJR Open</i> , 2021, 3, 20210035.	0.4	4
10	Letter to the Editor. Biologically effective dose and the treatment of AVMs. <i>Journal of Neurosurgery</i> , 2021, 134, 2007-2008.	0.9	2
11	The Effect of Slice Thickness on Contours of Brain Metastases for Stereotactic Radiosurgery. <i>Advances in Radiation Oncology</i> , 2021, 6, 100708.	0.6	15
12	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
13	Segmentation of vestibular schwannoma from MRI, an open annotated dataset and baseline algorithm. <i>Scientific Data</i> , 2021, 8, 286.	2.4	35
14	The impact of unscheduled gaps and iso-centre sequencing on the biologically effective dose in Gamma Knife radiosurgery. <i>Journal of Radiosurgery and SBRT</i> , 2021, 7, 213-221.	0.2	2
15	Establishment of a Therapeutic Ratio for Gamma Knife Radiosurgery of Trigeminal Neuralgia: The Critical Importance of Biologically Effective Dose Versus Physical Dose. <i>World Neurosurgery</i> , 2020, 134, e204-e213.	0.7	44
16	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
17	Letter: Treatment Outcomes and Dose Rate Effects Following Gamma Knife Stereotactic Radiosurgery for Vestibular Schwannomas. <i>Neurosurgery</i> , 2020, 86, E407-E409.	0.6	6
18	IntuitivePlan inverse planning performance evaluation for Gamma Knife radiosurgery of AVMs. <i>Journal of Applied Clinical Medical Physics</i> , 2020, 21, 90-95.	0.8	7

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19	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
20	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
21	Evolution of gamma knife capsulotomy for intractable obsessive-compulsive disorder. <i>Molecular Psychiatry</i> , 2019, 24, 218-240.	4.1	73
22	Stereotactic radiosurgery for tremor: systematic review. <i>Journal of Neurosurgery</i> , 2019, 130, 589-600.	0.9	27
23	Stereotactic radiosurgery for trigeminal neuralgia: a systematic review. <i>Journal of Neurosurgery</i> , 2019, 130, 733-757.	0.9	109
24	Letter to the Editor. Predictors for radiation toxicity and tumor control. <i>Journal of Neurosurgery</i> , 2019, 131, 654-656.	0.9	1
25	Effects of variations in overall treatment time on the clonogenic survival of V79-4 cells: Implications for radiosurgery. <i>Journal of Radiosurgery and SBRT</i> , 2019, 6, 1-9.	0.2	1
26	Stereotactic radiosurgery for multiple brain metastases: Results of multicenter benchmark planning studies. <i>Practical Radiation Oncology</i> , 2018, 8, e212-e220.	1.1	31
27	Stereotactic Radiosurgery in the Management of Limited (1-4) Brain Metastases: Systematic Review and International Stereotactic Radiosurgery Society Practice Guideline. <i>Neurosurgery</i> , 2018, 83, 345-353.	0.6	64
28	Stereotactic radiosurgery for benign brain tumors: Results of multicenter benchmark planning studies. <i>Practical Radiation Oncology</i> , 2018, 8, e295-e304.	1.1	24
29	Stereotactic Radiosurgery for Benign (World Health Organization Grade I) Cavernous Sinus Meningiomas—International Stereotactic Radiosurgery Society (ISRS) Practice Guideline. <i>Neurosurgery</i> , 2018, 83, 1128-1142.	0.6	42
30	A novel index for assessing treatment plan quality in stereotactic radiosurgery. <i>Journal of Neurosurgery</i> , 2018, 129, 118-124.	0.9	20
31	Editorial. Leksell Gamma Knife Society and radiosurgery: a legacy and a vision for the future. <i>Journal of Neurosurgery</i> , 2018, 129, 2-4.	0.9	0
32	Personal perspectives on the evolution of radiation therapy and future outlook for SRS. <i>Journal of Radiosurgery and SBRT</i> , 2018, 5, 87-88.	0.2	1
33	Stereotactic body radiotherapy for de novo spinal metastases: systematic review. <i>Journal of Neurosurgery: Spine</i> , 2017, 27, 295-302.	0.9	121
34	Radiosurgery for epilepsy: Systematic review and International Stereotactic Radiosurgery Society (ISRS) practice guideline. <i>Epilepsy Research</i> , 2017, 137, 123-131.	0.8	47
35	Reirradiation spine stereotactic body radiation therapy for spinal metastases: systematic review. <i>Journal of Neurosurgery: Spine</i> , 2017, 27, 428-435.	0.9	113
36	Stereotactic radiosurgery for vestibular schwannoma: International Stereotactic Radiosurgery Society (ISRS) Practice Guideline. <i>Journal of Radiosurgery and SBRT</i> , 2017, 5, 5-24.	0.2	26

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37	Investigation of dosimetric differences between the TMR 10 and convolution algorithm for Gamma Knife stereotactic radiosurgery. <i>Journal of Applied Clinical Medical Physics</i> , 2016, 17, 217-229.	0.8	19
38	Evaluation of the stability of the stereotactic Leksell Frame G in Gamma Knife radiosurgery. <i>Journal of Applied Clinical Medical Physics</i> , 2016, 17, 75-89.	0.8	18
39	The role of the concept of biologically effective dose (BED) in treatment planning in radiosurgery. <i>Physica Medica</i> , 2015, 31, 627-633.	0.4	40
40	Radiosurgery Nomenclature: A Confusion of Tongues. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 92, 512-513.	0.4	3
41	Standardization of terminology in stereotactic radiosurgery: Report from the Standardization Committee of the International Leksell Gamma Knife Society. <i>Journal of Neurosurgery</i> , 2014, 121, 2-15.	0.9	75
42	Stereotactic radiosurgery in the treatment of brain metastases: The current evidence. <i>Cancer Treatment Reviews</i> , 2014, 40, 48-59.	3.4	190
43	Impact of Decaying Dose-rate in Gamma Knife Radiosurgery. <i>Journal of Radiosurgery and SBRT</i> , 2013, 2, 251-253.	0.2	3
44	Targeting and Conformality in Arteriovenous Malformation Radiosurgery. <i>Progress in Neurological Surgery</i> , 2012, 27, 35-48.	1.3	1
45	THE LEKSELL GAMMA KNIFE PERFEXION AND COMPARISONS WITH ITS PREDECESSORS. <i>Neurosurgery</i> , 2008, 62, 721-32.	0.6	24
46	THE LEKSELL GAMMA KNIFE PERFEXION AND COMPARISONS WITH ITS PREDECESSORS. <i>Operative Neurosurgery</i> , 2007, 61, 130-141.	0.4	116
47	Integration of gamma knife surgery in the management of cerebral metastases from melanoma. <i>Melanoma Research</i> , 2006, 16, 51-57.	0.6	15
48	A simple dose gradient measurement tool to complement the conformity index. <i>Journal of Neurosurgery</i> , 2006, 105, 194-201.	0.9	524
49	A simple scoring ratio to index the conformity of radiosurgical treatment plans. <i>Journal of Neurosurgery</i> , 2000, 93, 219-222.	0.9	770
50	Errors in three-dimensional doses calculated from a two-dimensional database - case report: wedged fields at 6 MV. <i>Physics in Medicine and Biology</i> , 1997, 42, 1197-1202.	1.6	2
51	Active minimisation of radiation scatter during breast radiotherapy: management implications for young patients with good-prognosis primary neoplasms. <i>Radiotherapy and Oncology</i> , 1996, 40, 69-74.	0.3	23