

Jason Sheehan

List of Publications by Year in descending order

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69
papers

3,972
citations

101543

36
h-index

118850

62
g-index

69
all docs

69
docs citations

69
times ranked

3445
citing authors

#	ARTICLE	IF	CITATIONS
1	International Spine Radiosurgery Consortium Consensus Guidelines for Target Volume Definition in Spinal Stereotactic Radiosurgery. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 83, e597-e605.	0.8	457
2	Assessment of imaging studies used with radiosurgery: a volumetric algorithm and an estimation of its error. <i>Journal of Neurosurgery</i> , 2006, 104, 157-162.	1.6	217
3	Transcranial MRI-Guided Focused Ultrasound: A Review of the Technologic and Neurologic Applications. <i>American Journal of Roentgenology</i> , 2015, 205, 150-159.	2.2	175
4	Gamma knife surgery for trigeminal neuralgia: outcomes and prognostic factors. <i>Journal of Neurosurgery</i> , 2005, 102, 434-441.	1.6	174
5	Response assessment after stereotactic body radiotherapy for spinal metastasis: a report from the SPIne response assessment in Neuro-Oncology (SPINO) group. <i>Lancet Oncology</i> , The, 2015, 16, e595-e603.	10.7	170
6	Safety and efficacy of stereotactic body radiotherapy as primary treatment for vertebral metastases: a multi-institutional analysis. <i>Radiation Oncology</i> , 2014, 9, 226.	2.7	144
7	Gamma Knife Radiosurgery for Medically and Surgically Refractory Prolactinomas. <i>Neurosurgery</i> , 2006, 59, 255-266.	1.1	136
8	Gamma surgery in the treatment of nonsecretory pituitary macroadenoma. <i>Journal of Neurosurgery</i> , 2006, 104, 876-883.	1.6	127
9	Stereotactic Radiosurgery for Chordoma: A Report From the North American Gamma Knife Consortium. <i>Neurosurgery</i> , 2011, 68, 379-389.	1.1	127
10	Radiosurgery for Treatment of Recurrent Intracranial Hemangiopericytomas. <i>Neurosurgery</i> , 2002, 51, 905-911.	1.1	115
11	Long-term Outcomes After Gamma Knife Radiosurgery for Patients With a Nonfunctioning Pituitary Adenoma. <i>Neurosurgery</i> , 2011, 69, 284-293.	1.1	103
12	Stereotactic Radiosurgery for Acromegaly. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 1273-1281.	3.6	101
13	Potential intracranial applications of magnetic resonance-guided focused ultrasound surgery. <i>Journal of Neurosurgery</i> , 2013, 118, 215-221.	1.6	99
14	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.	1.7	88
15	Radiosurgery for dural arteriovenous fistulas. <i>World Neurosurgery</i> , 2005, 64, 392-398.	1.3	85
16	Risk of radiation-associated intracranial malignancy after stereotactic radiosurgery: a retrospective, multicentre, cohort study. <i>Lancet Oncology</i> , The, 2019, 20, 159-164.	10.7	80
17	Radiosurgery for intracranial hemangiopericytomas: outcomes after initial and repeat Gamma Knife surgery. <i>Journal of Neurosurgery</i> , 2010, 112, 133-139.	1.6	76
18	Gamma Knife surgery for metastatic brainstem tumors. <i>Journal of Neurosurgery</i> , 2006, 105, 213-219.	1.6	72

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19	Re-irradiation stereotactic body radiotherapy for spinal metastases: a multi-institutional outcome analysis. <i>Journal of Neurosurgery: Spine</i> , 2016, 25, 646-653.	1.7	72
20	Gamma knife surgery for brain metastases from lung cancer. <i>Journal of Neurosurgery</i> , 2005, 102, 128-133.	1.6	66
21	Gamma Knife surgery-induced meningioma. <i>Journal of Neurosurgery</i> , 2006, 105, 325-329.	1.6	64
22	Stereotactic radiosurgery for intracranial hemangioblastomas: a retrospective international outcome study. <i>Journal of Neurosurgery</i> , 2015, 122, 1469-1478.	1.6	61
23	Gamma Knife surgery for trigeminal schwannoma. <i>Journal of Neurosurgery</i> , 2007, 106, 839-845.	1.6	58
24	Gamma Knife surgery for focal brainstem gliomas. <i>Journal of Neurosurgery</i> , 2007, 106, 8-17.	1.6	57
25	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on the Role of Radiosurgery and Radiation Therapy in the Management of Patients With Vestibular Schwannomas. <i>Neurosurgery</i> , 2018, 82, E49-E51.	1.1	55
26	Outcomes of Gamma Knife surgery for craniopharyngiomas. <i>Journal of Neuro-Oncology</i> , 2011, 104, 305-313.	2.9	52
27	The role of Gamma Knife surgery in the treatment of skull base chordomas. <i>Journal of Neuro-Oncology</i> , 2009, 94, 243-248.	2.9	49
28	Silent Corticotroph Adenomas After Stereotactic Radiosurgery: A Case-Control Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 903-910.	0.8	49
29	Gamma Knife surgery for neurocytoma. <i>Journal of Neurosurgery</i> , 2007, 107, 7-12.	1.6	44
30	Stereotactic radiosurgery for intracranial hemangiopericytomas: a multicenter study. <i>Journal of Neurosurgery</i> , 2017, 126, 744-754.	1.6	44
31	Clinical practice of image-guided spine radiosurgery - results from an international research consortium. <i>Radiation Oncology</i> , 2011, 6, 172.	2.7	43
32	Large intracranial metastatic tumors treated by Gamma Knife surgery: outcomes and prognostic factors. <i>Journal of Neurosurgery</i> , 2014, 120, 52-59.	1.6	43
33	Skull base chondrosarcoma radiosurgery: report of the North American Gamma Knife Consortium. <i>Journal of Neurosurgery</i> , 2015, 123, 1268-1275.	1.6	43
34	Impact of target location on the response of trigeminal neuralgia to stereotactic radiosurgery. <i>Journal of Neurosurgery</i> , 2014, 120, 716-724.	1.6	42
35	Stereotactic radiosurgery for non-functioning pituitary adenomas: meta-analysis and International Stereotactic Radiosurgery Society practice opinion. <i>Neuro-Oncology</i> , 2020, 22, 318-332.	1.2	40
36	Stereotactic radiosurgery for acromegaly: outcomes by adenoma subtype. <i>Pituitary</i> , 2015, 18, 326-334.	2.9	39

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37	Glossopharyngeal Neuralgia Treated With Gamma Knife Radiosurgery. <i>World Neurosurgery</i> , 2010, 73, 413-417.	1.3	37
38	An international multicenter matched cohort analysis of incidental meningioma progression during active surveillance or after stereotactic radiosurgery: the IMPASSE study. <i>Neuro-Oncology</i> , 2022, 24, 116-124.	1.2	37
39	Repeat Gamma Knife Surgery for Incompletely Obliterated Cerebral Arteriovenous Malformations. <i>Neurosurgery</i> , 2010, 67, 55-64.	1.1	34
40	BRAF V600 Mutation and BRAF Kinase Inhibitors in Conjunction With Stereotactic Radiosurgery for Intracranial Melanoma Metastases: A Multicenter Retrospective Study. <i>Neurosurgery</i> , 2019, 84, 868-880.	1.1	32
41	Intracranial inertial cavitation threshold and thermal ablation lesion creation using MRI-guided 220-kHz focused ultrasound surgery: preclinical investigation. <i>Journal of Neurosurgery</i> , 2015, 122, 152-161.	1.6	31
42	Hypopituitarism after Gamma Knife radiosurgery for pituitary adenomas: a multicenter, international study. <i>Journal of Neurosurgery</i> , 2019, 131, 1188-1196.	1.6	31
43	Radiosurgery for intracranial dural arteriovenous fistulas (DAVFs): a review. <i>Neurosurgical Review</i> , 2011, 34, 305-315.	2.4	29
44	Gamma Knife surgery of pediatric gliomas. <i>Journal of Neurosurgery: Pediatrics</i> , 2012, 10, 471-477.	1.3	28
45	Effective time window in reducing pituitary adenoma size by gamma knife radiosurgery. <i>Pituitary</i> , 2015, 18, 509-517.	2.9	26
46	The results of a third Gamma Knife procedure for recurrent trigeminal neuralgia. <i>Journal of Neurosurgery</i> , 2015, 122, 169-179.	1.6	25
47	Stereotactic Radiosurgery of Central Skull Base Meningiomas—Volumetric Evaluation and Long-Term Outcomes. <i>World Neurosurgery</i> , 2017, 108, 176-184.	1.3	25
48	Prediction of Volumetric Data Errors in Patients Treated with Gamma Knife Radiosurgery. <i>Stereotactic and Functional Neurosurgery</i> , 2007, 85, 184-191.	1.5	21
49	Gamma knife surgery for brain metastases from lung cancer. <i>Journal of Neurosurgery</i> , 2005, 102, 128-133.	1.6	20
50	Dose response and architecture in volume staged radiosurgery for large arteriovenous malformations: A multi-institutional study. <i>Radiotherapy and Oncology</i> , 2020, 144, 180-188.	0.6	19
51	Surgical and radiosurgical treatment strategies for Cushing's disease. <i>Journal of Neuro-Oncology</i> , 2019, 145, 403-413.	2.9	15
52	Population description and clinical response assessment for spinal metastases: part 2 of the SPIne response assessment in Neuro-Oncology (SPINO) group report. <i>Neuro-Oncology</i> , 2018, 20, 1215-1224.	1.2	12
53	Development of a Posterior Fossa Cavernous Malformation Associated With Bilateral Venous Anomalies: Case Report. <i>Journal of Neuroimaging</i> , 2002, 12, 371-373.	2.0	10
54	The role of Crocke's changes in recurrence and remission after gamma knife radiosurgery. <i>Journal of Neuro-Oncology</i> , 2019, 142, 171-181.	2.9	10

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55	Time from stereotactic radiosurgery to immunotherapy in patients with melanoma brain metastases and impact on outcome. <i>Journal of Neuro-Oncology</i> , 2021, 152, 79-87.	2.9	10
56	Editorial: Radiosurgical induced malignancy associated with stereotactic radiosurgery. <i>Acta Neurochirurgica</i> , 2021, 163, 969-970.	1.7	9
57	Optimal Imaging of In Vitro Clot Sonothrombolysis by MR-Guided Focused Ultrasound. <i>Journal of Neuroimaging</i> , 2013, 23, 187-191.	2.0	6
58	Gamma Knife radiosurgery for the treatment of Nelson's syndrome: a multicenter, international study. <i>Journal of Neurosurgery</i> , 2020, 133, 336-341.	1.6	6
59	Gamma Knife radiosurgery for brain metastases from small-cell lung cancer: Institutional experience over more than a decade and review of the literature. <i>Journal of Radiosurgery and SBRT</i> , 2019, 6, 35-43.	0.2	6
60	Outcome of partially irradiated recurrent nonfunctioning pituitary macroadenoma by gamma knife radiosurgery. <i>Journal of Neuro-Oncology</i> , 2018, 139, 767-775.	2.9	5
61	Relapsed or refractory primary central nervous system lymphoma radiosurgery: Report of the International Gamma Knife Research Foundation. <i>Journal of Radiosurgery and SBRT</i> , 2017, 4, 247-253.	0.2	5
62	Gamma knife surgery for dural arteriovenous fistula. <i>Journal of Neurosurgery</i> , 2006, 104, 864-865.	1.6	4
63	Radiosurgical Induced Neoplasia: A Seldom Seen Complication. <i>World Neurosurgery</i> , 2010, 73, 644-645.	1.3	4
64	Stereotactic radiosurgery for asymptomatic petroclival region meningiomas: a focused analysis from the IMPASSE study. <i>Acta Neurochirurgica</i> , 2021, , 1.	1.7	3
65	Beyond guidelines: analysis of current practice patterns of AANS/CNS tumor neurosurgeons. <i>Journal of Neuro-Oncology</i> , 2021, 151, 361-366.	2.9	2
66	Focused versus conventional radiotherapy in spinal oncology: is there any difference in fusion rates and pseudoarthrosis?. <i>Journal of Neuro-Oncology</i> , 2022, 156, 329-339.	2.9	2
67	Psychiatric and Pain Disorders. , 2008, , 563-572.		1
68	Radiosurgery of the Sellar and Parasellar Region. , 2016, , 69-87.		0
69	Stereotactic radiosurgery for intracranial primary melanocytomas. <i>World Neurosurgery</i> , 2022, , .	1.3	0