Douglas Kondziolka

List of Publications by Year
in descending order

136	6,482	81743	74018
papers	citations	39 h-index	75 g-index

136	136	136	6202
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Randomized Sham-Controlled Trial of Deep Brain Stimulation of the Ventral Capsule/Ventral Striatum for Chronic Treatment-Resistant Depression. Biological Psychiatry, 2015, 78, 240-248.	0.7	415
2	RADIOSURGERY AS DEFINITIVE MANAGEMENT OF INTRACRANIAL MENINGIOMAS. Neurosurgery, 2008, 62, 53-60.	0.6	406
3	Neurotransplantation for patients with subcortical motor stroke: a Phase 2 randomized trial. Journal of Neurosurgery, 2005, 103, 38-45.	0.9	394
4	Clinical Outcomes of Transplanted Modified Bone Marrowâ€"Derived Mesenchymal Stem Cells in Stroke. Stroke, 2016, 47, 1817-1824.	1.0	337
5	Synopsis of Guidelines for the Clinical Management of Cerebral Cavernous Malformations: Consensus Recommendations Based on Systematic Literature Review by the Angioma Alliance Scientific Advisory Board Clinical Experts Panel. Neurosurgery, 2017, 80, 665-680.	0.6	334
6	Judicious Resection and/or Radiosurgery for Parasagittal Meningiomas: Outcomes from a Multicenter Review. Neurosurgery, 1998, 43, 405-413.	0.6	240
7	Clonal Human (hNT) Neuron Grafts for Stroke Therapy. American Journal of Pathology, 2002, 160, 1201-1206.	1.9	240
8	Brain arteriovenous malformations. Nature Reviews Disease Primers, 2015, 1, 15008.	18.1	203
9	Stereotactic radiosurgery for brain metastasis from renal cell carcinoma. , 1998, 83, 344-353.		178
10	The Role of Radiosurgery in the Management of Chordoma and Chondrosarcoma of the Cranial Base. Neurosurgery, 1991, 29, 38-46.	0.6	159
11	Gamma Knife thalamotomy for essential tremor. Journal of Neurosurgery, 2008, 108, 111-117.	0.9	153
12	Stereotactic Radiosurgery for the Treatment of Trigeminal Neuralgia. Clinical Journal of Pain, 2002, 18, 42-47.	0.8	146
13	Radiobiology of Radiosurgery. Neurosurgery, 1992, 31, 271-279.	0.6	144
14	Evaluation of First-line Radiosurgery vs Whole-Brain Radiotherapy for Small Cell Lung Cancer Brain Metastases. JAMA Oncology, 2020, 6, 1028.	3.4	122
15	Radiosurgery for Cerebral Arteriovenous Malformations in A Randomized Trial of Unruptured Brain Arteriovenous Malformations (ARUBA)-Eligible Patients. Stroke, 2016, 47, 342-349.	1.0	120
16	The accuracy of predicting survival in individual patients with cancer. Journal of Neurosurgery, 2014, 120, 24-30.	0.9	113
17	Stereotactic radiosurgery as primary and salvage treatment for brain metastases from breast cancer. Journal of Neurosurgery, 2011, 114, 792-800.	0.9	108
18	The biology of radiosurgery and its clinical applications for brain tumors. Neuro-Oncology, 2015, 17, 29-44.	0.6	95

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19	Using a Machine Learning Approach to Predict Outcomes after Radiosurgery for Cerebral Arteriovenous Malformations. Scientific Reports, 2016, 6, 21161.	1.6	88
20	Results Following Gamma Knife Radiosurgical Anterior Capsulotomies for Obsessive Compulsive Disorder. Neurosurgery, 2011, 68, 28-33.	0.6	87
21	Two-year safety and clinical outcomes in chronic ischemic stroke patients after implantation of modified bone marrowâ€“derived mesenchymal stem cells (SB623): a phase 1/2a study. Journal of Neurosurgery, 2019, 131, 1462-1472.	0.9	81
22	Long-Term Results after Glycerol Rhizotomy for Multiple Sclerosis-Related Trigeminal Neuralgia. Canadian Journal of Neurological Sciences, 1994, 21, 137-140.	0.3	77
23	Long-term Outcomes After Gamma Knife Radiosurgery for Meningiomas. American Journal of Clinical Oncology: Cancer Clinical Trials, 2016, 39, 453-457.	0.6	73
24	International multicenter cohort study of pediatric brain arteriovenous malformations. Part 1: Predictors of hemorrhagic presentation. Journal of Neurosurgery: Pediatrics, 2017, 19, 127-135.	0.8	73
25	Evaluation of Surgical Techniques for Neuronal Cell Transplantation Used in Patients with Stroke. Cell Transplantation, 2004, 13, 749-754.	1.2	65
26	Stereotactic radiosurgery for convexity meningiomas. Journal of Neurosurgery, 2009, 111, 458-463.	0.9	65
27	Brain metastases in patients with no known primary tumor. Cancer, 2000, 89, 1095-1101.	2.0	55
28	Stereotactic radiosurgery for Spetzler-Martin Grade III arteriovenous malformations: an international multicenter study. Journal of Neurosurgery, 2017, 126, 859-871.	0.9	55
29	International multicenter cohort study of pediatric brain arteriovenous malformations. Part 2: Outcomes after stereotactic radiosurgery. Journal of Neurosurgery: Pediatrics, 2017, 19, 136-148.	0.8	55
30	Stereotactic Radiosurgery for Acromegaly: An International Multicenter Retrospective Cohort Study. Neurosurgery, 2019, 84, 717-725.	0.6	54
31	Conservative Management or Intervention for Unruptured Brain Arteriovenous Malformations. World Neurosurgery, 2014, 82, e668-e669.	0.7	53
32	The Case for Conservative Management of Venous Angiomas. Canadian Journal of Neurological Sciences, 1991, 18, 295-299.	0.3	52
33	Big Data Research in Neurosurgery: A Critical Look at this Popular New Study Design. Neurosurgery, 2018, 82, 728-746.	0.6	52
34	Impact on overall survival of the combination of BRAF inhibitors and stereotactic radiosurgery in patients with melanoma brain metastases. Journal of Neuro-Oncology, 2016, 127, 607-615.	1.4	51
35	Stereotactic Radiosurgery for ARUBA (A Randomized Trial of Unruptured Brain Arteriovenous) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Study. World Neurosurgery, 2017, 102, 507-517.	0.7	49
36	Percutaneous retrogasserian glycerol rhizotomy for trigeminal neuralgia: technique and expectations. Neurosurgical Focus, 2005, 18, 1-4.	1.0	48

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37	Radiosurgery for recurrent cranial base cancer arising from the head and neck. , 1996, 18, 160-166.		45
38	STEREOTACTIC RADIOSURGERY FOR RADIATION-INDUCED MENINGIOMAS. Neurosurgery, 2009, 64, 463-470.	0.6	45
39	Stereotactic radiosurgery for intracranial hemangiopericytomas: a multicenter study. Journal of Neurosurgery, 2017, 126, 744-754.	0.9	44
40	Skull base chondrosarcoma radiosurgery: report of the North American Gamma Knife Consortium. Journal of Neurosurgery, 2015, 123, 1268-1275.	0.9	43
41	Quantitative tumor volumetric responses after Gamma Knife radiosurgery for meningiomas. Journal of Neurosurgery, 2016, 124, 146-154.	0.9	42
42	Cell Therapy for Chronic TBI. Neurology, 2021, 96, .	1.5	41
43	Radiosurgery for Unruptured Brain Arteriovenous Malformations: An International Multicenter Retrospective Cohort Study. Neurosurgery, 2017, 80, 888-898.	0.6	40
44	Restorative Neurosurgery: Opportunities for Restoration of Function in Acquired, Degenerative, and Idiopathic Neurological Diseases. Neurosurgery, 1999, 45, 741-752.	0.6	38
45	Prognostic significance of corticotroph staining in radiosurgery for non-functioning pituitary adenomas: a multicenter study. Journal of Neuro-Oncology, 2017, 135, 67-74.	1.4	38
46	An international multicenter matched cohort analysis of incidental meningioma progression during active surveillance or after stereotactic radiosurgery: the IMPASSE study. Neuro-Oncology, 2022, 24, 116-124.	0.6	37
47	Stereotactic radiosurgery for focal leptomeningeal disease in patients with brain metastases. Journal of Neuro-Oncology, 2017, 134, 139-143.	1.4	36
48	Early versus late Gamma Knife radiosurgery following transsphenoidal surgery for nonfunctioning pituitary macroadenomas: a multicenter matched-cohort study. Journal of Neurosurgery, 2018, 129, 648-657.	0.9	34
49	Gamma Knife stereotactic radiosurgery for cavernous sinus meningioma: long-term follow-up in 200 patients. Journal of Neurosurgery, 2019, 130, 1799-1808.	0.9	33
50	Stereotactic Radiosurgery for Brainstem Arteriovenous Malformations: A Multicenter Study. Neurosurgery, 2017, 81, 910-920.	0.6	32
51	Neural transplantation for stroke. Journal of Clinical Neuroscience, 2002, 9, 225-230.	0.8	31
52	Hypopituitarism after Gamma Knife radiosurgery for pituitary adenomas: a multicenter, international study. Journal of Neurosurgery, 2019, 131, 1188-1196.	0.9	31
53	The principles of skull base radiosurgery. Neurosurgical Focus, 2008, 24, E11.	1.0	30
54	Stroke repair with cell transplantation: neuronal cells, neuroprogenitor cells, and stem cells. Neurosurgical Focus, 2008, 24, E13.	1.0	29

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55	Long-Lasting Microthalamotomy Effect after Temporary Placement of a Thalamic Stimulating Electrode. Stereotactic and Functional Neurosurgery, 2004, 82, 127-130.	0.8	28
56	Gamma Knife Surgery in Trigeminal Neuralgia. Neurosurgery Clinics of North America, 2016, 27, 297-304.	0.8	28
57	Survival of Patients With Multiple Intracranial Metastases Treated With Stereotactic Radiosurgery. American Journal of Clinical Oncology: Cancer Clinical Trials, 2018, 41, 425-431.	0.6	28
58	Injection Parameters Affect Cell Viability and Implant Volumes in Automated Cell Delivery for the Brain. Cell Transplantation, 2011, 20, 1901-1906.	1.2	24
59	Stereotactic Radiosurgery for Trigeminal Neuralgia in Patients With Multiple Sclerosis: A Multicenter Study. Neurosurgery, 2019, 84, 499-505.	0.6	22
60	It Is Time to Reevaluate the Management of Patients With Brain Metastases. Neurosurgery, 2014, 75, 1-9.	0.6	21
61	The relationship of dose to nerve volume in predicting pain recurrence after stereotactic radiosurgery in trigeminal neuralgia. Journal of Neurosurgery, 2018, 128, 891-896.	0.9	21
62	Radiation necrosis in renal cell carcinoma brain metastases treated with checkpoint inhibitors and radiosurgery: An international multicenter study. Cancer, 2022, 128, 1429-1438.	2.0	21
63	Development, Implementation, and Use of a Local and Global Clinical Registry for Neurosurgery. Big Data, 2015, 3, 80-89.	2.1	20
64	Long-term natural history and patterns of sporadic vestibular schwannoma growth: A multi-institutional volumetric analysis of 952 patients. Neuro-Oncology, 2022, 24, 1298-1306.	0.6	20
65	Comparison of management options for patients with acoustic neuromas. Neurosurgical Focus, 2003, 14, 1-7.	1.0	19
66	Evaluating innovation. Part 1: The concept of progressive scholarly acceptance. Journal of Neurosurgery, 2016, 124, 207-211.	0.9	19
67	Early versus late arteriovenous malformation responders after stereotactic radiosurgery: an international multicenter study. Journal of Neurosurgery, 2017, 127, 503-511.	0.9	19
68	Stereotactic Radiosurgery for Epilepsy and Functional Disorders. Neurosurgery Clinics of North America, 2013, 24, 623-632.	0.8	18
69	Acoustic tumors: operation versus radiation--making sense of opposing viewpoints. Part II. Acoustic neuromas: sorting out management options. Clinical Neurosurgery, 2003, 50, 313-28.	0.2	17
70	Radiosurgery for Cavernous Malformations. , 2007, 20, 220-230.		16
71	Role of High-Resolution Dynamic Contrast-Enhanced MRI with Golden-Angle Radial Sparse Parallel Reconstruction to Identify the Normal Pituitary Gland in Patients with Macroadenomas. American Journal of Neuroradiology, 2017, 38, 1117-1121.	1.2	16
72	Technique of stereotactic biopsy in a 5-month-old child. Child's Nervous System, 1996, 12, 615-8.	0.6	15

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73	Survival but not brain metastasis response relates to lung cancer mutation status after radiosurgery. Journal of Neuro-Oncology, 2016, 126, 483-491.	1.4	15
74	Stereotactic radiosurgery for cerebellar arteriovenous malformations: an international multicenter study. Journal of Neurosurgery, 2017, 127, 512-521.	0.9	15
75	The Neuron Doctrine, the Mind, and the Arctic. Neurosurgery, 2000, 47, 1381-1389.	0.6	14
76	Citation Measures in Stereotactic Radiosurgery: Publication across a Discipline. Stereotactic and Functional Neurosurgery, 2011, 89, 56-61.	0.8	14
77	Early Palliative Care for Patients With Brain Metastases Decreases Inpatient Admissions and Need for Imaging Studies. American Journal of Hospice and Palliative Medicine, 2018, 35, 1069-1075.	0.8	14
78	Outcomes of stereotactic radiosurgery for foramen magnum meningiomas: an international multicenter study. Journal of Neurosurgery, 2018, 129, 383-389.	0.9	14
79	Radiosurgery for Brain Metastases. Progress in Neurological Surgery, 2012, 25, 115-122.	1.3	13
80	Resection Followed by Involved-Field Fractionated Radiotherapy in the Management of Single Brain Metastasis. Frontiers in Oncology, 2015, 5, 206.	1.3	13
81	Stereotactic radiosurgery for arteriovenous malformations of the basal ganglia and thalamus: an international multicenter study. Journal of Neurosurgery, 2020, 132, 122-131.	0.9	13
82	Evaluating innovation. Part 2: Development in neurosurgery. Journal of Neurosurgery, 2016, 124, 212-223.	0.9	12
83	Repeat Stereotactic Radiosurgery for Progressive or Recurrent Vestibular Schwannomas. Neurosurgery, 2019, 85, 535-542.	0.6	12
84	Seizure Presentation in Patients with Brain Arteriovenous Malformations Treated with Stereotactic Radiosurgery: A Multicenter Study. World Neurosurgery, 2019, 126, e634-e640.	0.7	11
85	Outcomes of stereotactic radiosurgery for pilocytic astrocytoma: an international multiinstitutional study. Journal of Neurosurgery, 2021, 134, 162-170.	0.9	11
86	Predicting local failure of brain metastases after stereotactic radiosurgery with radiomics on planning MR images and dose maps. Medical Physics, 2021, 48, 5522-5530.	1.6	10
87	Randomized controlled trials and neuro-oncology: should alternative designs be considered?. Journal of Neuro-Oncology, 2015, 124, 345-356.	1.4	9
88	Milestones in stereotactic radiosurgery for the central nervous system. Journal of Clinical Neuroscience, 2019, 59, 12-19.	0.8	9
89	The Role of Stereotactic Radiosurgery in the Management of Brain Metastases From a Health-Economic Perspective: A Systematic Review. Neurosurgery, 2020, 87, 484-497.	0.6	9
90	Early versus late Gamma Knife radiosurgery for Cushingâ€™s disease after prior resection: results of an international, multicenter study. Journal of Neurosurgery, 2021, 134, 807-815.	0.9	9

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91	Survival and outcomes in patients with â‰¥ 25 cumulative brain metastases treated with stereotactic radiosurgery. Journal of Neurosurgery, 2022, 137, 571-581.	0.9	9
92	Acoustic neuromas. Current Treatment Options in Neurology, 2002, 4, 157-165.	0.7	8
93	National Perspectives on the Training of Neurosurgery Residents in Stereotactic Radiosurgery. Canadian Journal of Neurological Sciences, 2017, 44, 51-58.	0.3	8
94	Effect of Advanced Age on Stereotactic Radiosurgery Outcomes for Brain Arteriovenous Malformations: A Multicenter Matched Cohort Study. World Neurosurgery, 2018, 119, e429-e440.	0.7	8
95	Radiation-induced meningiomas. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2020, 169, 273-284.	1.0	8
96	Effect of Prior Embolization on Outcomes After Stereotactic Radiosurgery for Pediatric Brain Arteriovenous Malformations: An International Multicenter Study. Neurosurgery, 2021, 89, 672-679.	0.6	8
97	Stereotactic Radiosurgery Compared With Active Surveillance for Asymptomatic, Parafalcine, and Parasagittal Meningiomas: A Matched Cohort Analysis From the IMPASSE Study. Neurosurgery, 2022, Publish Ahead of Print, .	0.6	8
98	Trends and importance of radiosurgery for the development of functional neurosurgery. , 2012, 3, 3.		7
99	Off-label innovation: characterization through a case study of rhBMP-2 for spinal fusion. Journal of Neurosurgery: Spine, 2016, 25, 406-414.	0.9	7
100	Brain metastases: radiosurgery. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 149, 129-135.	1.0	7
101	The Neuron Doctrine, the Mind, and the Arctic. Neurosurgery, 2000, 47, 1381-1389.	0.6	7
102	Stereotactic radiosurgery for pediatric brain arteriovenous malformations: long-term outcomes. Journal of Neurosurgery: Pediatrics, 2020, 25, 497-505.	0.8	7
103	Editorial: Radiosurgery for parasagittal and parafalcine meningiomas. Journal of Neurosurgery, 2013, 119, 869-870.	0.9	6
104	Outcomes after stereotactic radiosurgery for schwannomas of the oculomotor, trochlear, and abducens nerves. Journal of Neurosurgery, 2021, 135, 1044-1050.	0.9	6
105	Quality of the Patient Experience during Radiosurgery: Measurement toward Improvement. Stereotactic and Functional Neurosurgery, 2016, 94, 134-139.	0.8	5
106	Outcomes of Salvage Resection and Radiosurgery Following Failed Primary Treatment of Vestibular Schwannomas. Otolaryngology - Head and Neck Surgery, 2022, 166, 957-963.	1.1	5
107	Earlier radiosurgery leads to better pain relief and less medication usage for trigeminal neuralgia patients: an international multicenter study. Journal of Neurosurgery, 2020, 135, 237-244.	0.9	5
108	Early obliteration of pediatric brain arteriovenous malformations after stereotactic radiosurgery: an international multicenter study. Journal of Neurosurgery: Pediatrics, 2020, 26, 398-405.	0.8	5

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109	Editorial: Core journals. Journal of Neurosurgery, 2013, 119, 1271-1273.	0.9	4
110	The clinical significance of persistent trigeminal nerve contrast enhancement in patients who undergo repeat radiosurgery. Journal of Neurosurgery, 2017, 127, 219-225.	0.9	4
111	Trigeminal Neuralgia and Other Facial Neuralgias. Progress in Neurological Surgery, 2019, 34, 273-278.	1.3	4
112	Treatment of sellar metastases with gamma knife radiosurgery in patients with advanced cancer. Pituitary, 2020, 23, 665-671.	1.6	4
113	Radiosurgery for Unruptured Intervention-NaÃ¨ve Pediatric Brain Arteriovenous Malformations. Neurosurgery, 2020, 87, 368-376.	0.6	4
114	Volumetric growth rates of untreated cavernous sinus meningiomas. Journal of Neurosurgery, 2022, 136, 749-756.	0.9	4
115	Stereotactic Radiosurgery for Choroid Plexus Tumors: A Report of the International Radiosurgery Research Foundation. Neurosurgery, 2021, 88, 791-796.	0.6	4
116	The role of cell therapy for stroke. Neurosurgical Focus, 2002, 13, 1-6.	1.0	3
117	Gamma Knife Radiosurgery of Other Brain Metastases. Progress in Neurological Surgery, 2012, 25, 190-200.	1.3	3
118	Skull Base Meningiomas. Neurosurgery, 2015, 62, 25-29.	0.6	3
119	Hippocampal sparing in patients receiving radiosurgery for â‰¥25 brain metastases. Radiotherapy and Oncology, 2021, 161, 65-71.	0.3	3
120	Stereotactic radiosurgery for prostate cancer cerebral metastases: an international multicenter study. Journal of Neurosurgery, 2022, 136, 1307-1313.	0.9	3
121	Stem Cell Treatment for Ischemic Stroke Recovery. Seminars in Neurology, 2021, 41, 101-106.	0.5	3
122	Comment on the Paper by Doshi et al. Entitled â€˜Bilateral Pedunculopontine Nucleus Stimulation for Progressive Supranuclear Palsy'. Stereotactic and Functional Neurosurgery, 2015, 93, 66-66.	0.8	2
123	The Value of the History and Physical for Patients with Newly Diagnosed Brain Metastases Considering Radiosurgery. Frontiers in Oncology, 2016, 6, 40.	1.3	2
124	Beyond the game: the legacy of Bill Masterton. Neurosurgical Focus, 2016, 41, E9.	1.0	2
125	Radiosurgery for dural arteriovenous malformations. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2017, 143, 125-131.	1.0	2
126	Emerging indications in stereotactic radiosurgery. Clinical Neurosurgery, 2005, 52, 229-33.	0.2	2

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127	Stereotactic neurosurgery: what's turning people on?. Clinical Neurosurgery, 2007, 54, 23-5.	0.2	2
128	Re: Current Status of Radiosurgery for Arteriovenous Malformations. Canadian Journal of Neurological Sciences, 1992, 19, 514-515.	0.3	1
129	MLTI-03. FIRST-LINE STEREOTACTIC RADIOSURGERY COMBINED WITH SYSTEMIC TARGETED AND IMMUNE CHECKPOINT INHIBITOR THERAPY IN MELANOMA PATIENTS WITH NEWLY DIAGNOSED BRAIN METASTASES. Neuro-Oncology Advances, 2019, 1, i14-i15.	0.4	1
130	RONC-10. OUTCOMES OF STEREOTACTIC RADIOSURGERY FOR PILOCYTIC ASTROCYTOMA: AN INTERNATIONAL MULTICENTER STUDY. Neuro-Oncology, 2018, 20, i176-i176.	0.6	0
131	RADI-27. ROLE OF STEREOTACTIC RADIOSURGERY IN THE CARE OF PATIENTS WITH >/= 25 CUMULATIVE BRAIN METASTASES. Neuro-Oncology Advances, 2019, 1, i27-i27.	0.4	0
132	RADI-28. UP-FRONT SINGLE SESSION RADIOSURGERY FOR LARGE BRAIN METASTASES - VOLUMETRIC RESPONSES AND OUTCOMES. Neuro-Oncology Advances, 2019, 1, i27-i27.	0.4	0
133	4. Radiosurgery within Neurosurgical Practice : As Primary Surgery or as Part of a Multi-Modality Approach(Part 2:Stereotactic radiosurgery, PS2-1 Current Status and Evolution of Multimodality) Tj ETQq1 1 0.784314 rgBT /Overloc Journal of Neurosurgery, 2007, 16, 316-317.	0.0	0
134	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
135	Volumetric Growth Rates of Untreated Cavernous Sinus Meningiomas. , 2020, 81, .		0
136	Diplopia outcomes following stereotactic radiosurgery for petroclival or cavernous sinus meningiomas: patient series. Journal of Neurosurgery Case Lessons, 2022, 3, .	0.1	0