

Daniel M S Raper

List of Publications by Year in descending order

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95
papers

3,385
citations

236925

25
h-index

149698

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96
docs citations

96
times ranked

4892
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional aspects of meningeal lymphatics in ageing and Alzheimer's disease. <i>Nature</i> , 2018, 560, 185-191.	27.8	839
2	Endoscopic vs Microsurgical Transsphenoidal Surgery for Acromegaly: Outcomes in a Concurrent Series of Patients Using Modern Criteria For Remission. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 3190-3198.	3.6	211
3	Endoscopic endonasal compared with microscopic transsphenoidal and open transcranial resection of giant pituitary adenomas. <i>Pituitary</i> , 2012, 15, 150-159.	2.9	196
4	The role of radiotherapy following gross-total resection of atypical meningiomas. <i>Journal of Neurosurgery</i> , 2012, 117, 679-686.	1.6	160
5	How Do Meningeal Lymphatic Vessels Drain the CNS?. <i>Trends in Neurosciences</i> , 2016, 39, 581-586.	8.6	143
6	β -Secretase Exists on the Plasma Membrane as an Intact Complex That Accepts Substrates and Effects Intramembrane Cleavage*. <i>Journal of Biological Chemistry</i> , 2005, 280, 4383-4392.	3.4	137
7	Endovascular mechanical thrombectomy for cerebral venous sinus thrombosis: a systematic review. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 1086-1092.	3.3	128
8	Vascular Smooth Muscle Cells in Cerebral Aneurysm Pathogenesis. <i>Translational Stroke Research</i> , 2014, 5, 338-346.	4.2	126
9	Case-specific protocol to reduce cerebrospinal fluid leakage after endonasal endoscopic surgery. <i>Journal of Neurosurgery</i> , 2013, 119, 661-668.	1.6	90
10	Endoscopic skull base surgery: a comprehensive comparison with open transcranial approaches. <i>British Journal of Neurosurgery</i> , 2012, 26, 637-648.	0.8	86
11	The role of preoperative embolization for intracranial meningiomas. <i>Journal of Neurosurgery</i> , 2013, 119, 364-372.	1.6	80
12	Clinical features, management and recurrence of symptomatic Rathke's cleft cyst. <i>Journal of Clinical Neuroscience</i> , 2009, 16, 385-389.	1.5	70
13	Tumor Necrosis Factor- α Modulates Cerebral Aneurysm Formation and Rupture. <i>Translational Stroke Research</i> , 2014, 5, 269-277.	4.2	70
14	The Role of Radiosurgery to the Tumor Bed After Resection of Brain Metastases. <i>Neurosurgery</i> , 2013, 72, 317-326.	1.1	67
15	Prophylactic antiepileptic drug therapy in patients undergoing supratentorial meningioma resection: a systematic analysis of efficacy. <i>Journal of Neurosurgery</i> , 2011, 115, 483-490.	1.6	62
16	Radiation-Induced Changes After Stereotactic Radiosurgery for Brain Arteriovenous Malformations: A Systematic Review and Meta-Analysis. <i>Neurosurgery</i> , 2018, 83, 365-376.	1.1	57
17	Lower complication rates associated with transradial versus transfemoral flow diverting stent placement. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 91-95.	3.3	54
18	International Subarachnoid Trial in the Long Run. <i>Neurosurgery</i> , 2010, 66, 1166-1169.	1.1	48

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19	Diagnosis and Treatment of Chordoma. Journal of the National Comprehensive Cancer Network: JNCCN, 2013, 11, 726-731.	4.9	44
20	Endovascular treatment of unruptured wide-necked intracranial aneurysms: comparison of dual microcatheter technique and stent-assisted coil embolization. Journal of NeuroInterventional Surgery, 2015, 7, 256-261.	3.3	43
21	Intracranial venous pressures under conscious sedation and general anesthesia. Journal of NeuroInterventional Surgery, 2017, 9, 986-989.	3.3	33
22	Outcomes of Rescue Endovascular Treatment of Emergent Large Vessel Occlusion in Patients With Underlying Intracranial Atherosclerosis: Insights From STAR. Journal of the American Heart Association, 2021, 10, e020195.	3.7	33
23	Endovascular stenting for treatment of mycotic intracranial aneurysms. Journal of Clinical Neuroscience, 2014, 21, 1163-1168.	1.5	32
24	Embolization of cerebral arteriovenous malformations with silk suture particles prior to stereotactic radiosurgery. Journal of Clinical Neuroscience, 2015, 22, 1643-1649.	1.5	30
25	Effect of Body Mass Index on Venous Sinus Pressures in Idiopathic Intracranial Hypertension Patients Before and After Endovascular Stenting. Neurosurgery, 2018, 82, 555-561.	1.1	29
26	Pipeline Embolization Device for the Treatment of Intracranial Pseudoaneurysms. World Neurosurgery, 2019, 127, e86-e93.	1.3	26
27	Small Aneurysms with Low PHASES Scores Account for Most Subarachnoid Hemorrhage Cases. World Neurosurgery, 2020, 139, e580-e584.	1.3	26
28	Posterior circulation perforator aneurysms: a proposed management algorithm. Journal of NeuroInterventional Surgery, 2018, 10, 55-59.	3.3	25
29	Endovascular treatment for cerebral vasospasm following aneurysmal subarachnoid hemorrhage: predictors of outcome and retreatment. Journal of NeuroInterventional Surgery, 2018, 10, 367-374.	3.3	25
30	Pattern of pressure gradient alterations after venous sinus stenting for idiopathic intracranial hypertension predicts stent-adjacent stenosis: a proposed classification system. Journal of NeuroInterventional Surgery, 2018, 10, 391-395.	3.3	22
31	Controversies and Advances in Adult Intracranial Bypass Surgery in 2020. Operative Neurosurgery, 2021, 20, 1-7.	0.8	22
32	The management of incidental low-grade gliomas using magnetic resonance imaging: systematic review and optimal treatment paradigm. Neurosurgical Focus, 2011, 31, E12.	2.3	21
33	A pilot study and novel angiographic classification for superior sagittal sinus stenting in patients with non-thrombotic intracranial venous occlusive disease. Journal of NeuroInterventional Surgery, 2018, 10, 74-77.	3.3	20
34	Patency of the vein of Labbã© after venous stenting of the transverse and sigmoid sinuses. Journal of NeuroInterventional Surgery, 2017, 9, 587-590.	3.3	19
35	Cavernous carotid aneurysms: a new treatment paradigm in the era of flow diversion. Expert Review of Neurotherapeutics, 2017, 17, 155-163.	2.8	19
36	Update on the natural history of intracranial atherosclerotic disease: A critical review. World Journal of Radiology, 2010, 2, 166.	1.1	19

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37	Stereotactic radiosurgery of meningiomas following resection: Predictors of progression. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 161-165.	1.5	18
38	Herpes simplex encephalitis following spinal ependymoma resection: case report and literature review. <i>Journal of Neuro-Oncology</i> , 2011, 103, 771-776.	2.9	17
39	Preoperative Embolization of Cerebral Arteriovenous Malformations with Silk Suture and Particles: Technical Considerations and Outcomes. <i>Journal of Cerebrovascular and Endovascular Neurosurgery</i> , 2016, 18, 90.	0.5	17
40	The efficacy of antiepileptic drug prophylaxis in the prevention of early and late seizures following repair of intracranial aneurysms. <i>Journal of Clinical Neuroscience</i> , 2011, 18, 1174-1179.	1.5	14
41	Republished: Development of an Intracranial Dural Arteriovenous Fistula after Venous Sinus Stenting for Idiopathic Intracranial Hypertension. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, e15-e15.	3.3	14
42	An Update on Medications for Brain Arteriovenous Malformations. <i>Neurosurgery</i> , 2020, 87, 871-878.	1.1	13
43	Infundibular dilations of the posterior communicating arteries: pathogenesis, anatomical variants, aneurysm formation, and subarachnoid hemorrhage. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 791-795.	3.3	11
44	Epidermoid tumors of the temporal lobe as epileptogenic foci. <i>Journal of Clinical Neuroscience</i> , 2011, 18, 1396-1399.	1.5	10
45	Application of imaging guidelines in patients with suspected cervical spine trauma: retrospective analysis and literature review. <i>Emergency Radiology</i> , 2011, 18, 31-38.	1.8	10
46	Venous Sinus Stenting using Transcranial Access for the Treatment of Idiopathic Intracranial Hypertension in a Pediatric Patient. <i>Journal of Neurosciences in Rural Practice</i> , 2017, 08, 672-675.	0.8	10
47	Endoscopic versus open approaches to the skull base: A comprehensive literature review. <i>Operative Techniques in Otolaryngology - Head and Neck Surgery</i> , 2011, 22, 302-307.	0.4	9
48	Rerupture Following Flow Diversion of a Dissecting Aneurysm of the Vertebral Artery: Case Report and Review of the Literature. <i>World Neurosurgery</i> , 2020, 143, 171-179.	1.3	9
49	Endovascular embolization versus surgical clipping in a single surgeon series of basilar artery aneurysms: a complementary approach in the endovascular era. <i>Acta Neurochirurgica</i> , 2021, 163, 1527-1540.	1.7	9
50	Endovascular techniques and devices for the treatment of intracranial aneurysms: a review of neurointerventional outcomes. <i>Journal of Neurosurgical Sciences</i> , 2016, 60, 104-15.	0.6	9
51	SMART coils for intracranial aneurysm embolization: Initial outcomes. <i>Clinical Neurology and Neurosurgery</i> , 2018, 164, 87-91.	1.4	8
52	SMART coils for intracranial aneurysm embolization: Follow-up outcomes. <i>Journal of Clinical Neuroscience</i> , 2019, 59, 93-97.	1.5	8
53	Evaluating the Safety and Efficacy of Various Endovascular Approaches for Treatment of Infectious Intracranial Aneurysms: A Systematic Review. <i>World Neurosurgery</i> , 2020, 144, 293-298.e15.	1.3	8
54	Definitive Treatment With Microsurgical Clipping After Recurrence and Rerupture of Coiled Anterior Cerebral Artery Aneurysms. <i>Operative Neurosurgery</i> , 2020, 19, 393-402.	0.8	6

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55	A comparison of endovascular strategies in the treatment of ruptured vertebral artery aneurysms. <i>Journal of Clinical Neuroscience</i> , 2020, 75, 168-175.	1.5	6
56	Resolution of venous pressure gradient in a patient with idiopathic intracranial hypertension after ventriculoperitoneal shunt placement: A proof of secondary cerebral sinovenous stenosis. , 2021, 12, 14.		5
57	Development of an intracranial dural arteriovenous fistula after venous sinus stenting for idiopathic intracranial hypertension. <i>BMJ Case Reports</i> , 2017, 2017, bcr-2017-013282.	0.5	5
58	Middle meningeal artery embolization for chronic subdural hematoma in cancer patients with refractory thrombocytopenia. <i>Journal of Neurosurgery</i> , 2022, 136, 1273-1277.	1.6	5
59	Carotid artery revascularization using the Walrus balloon guide catheter: safety and feasibility from a US multicenter experience. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 709-717.	3.3	5
60	Supracerebellar Infratentorial Infratrochlear Trans-Quadrangular Lobule Approach to Pontine Cavernous Malformations. <i>Operative Neurosurgery</i> , 2021, 20, 268-275.	0.8	4
61	Foramen Magnum Dural Arteriovenous Fistula Presenting With Thoracic Myelopathy: Technical Case Report With 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 21, E55-E59.	0.8	4
62	Sensitivity of the Unruptured Intracranial Aneurysm Treatment Score (UIATS) in the Elderly: Retrospective Analysis of Ruptured Aneurysms. <i>World Neurosurgery</i> , 2021, 152, e673-e677.	1.3	4
63	Adjuvant whole brain radiation following resection of brain metastases. <i>Journal of Clinical Neuroscience</i> , 2013, 20, 771-775.	1.5	3
64	Dilated Virchow's Robin Spaces Mimicking a Brainstem Arteriovenous Malformation. <i>Journal of Neurosciences in Rural Practice</i> , 2017, 08, 291-293.	0.8	3
65	Enhanced recovery after surgery in intramedullary and extramedullary spinal cord lesions: perioperative considerations and recommendations. <i>Spinal Cord</i> , 2019, 57, 729-738.	1.9	3
66	Concurrent Venous Stenting of the Transverse and Occipito-Marginal Sinuses: An Analogy with Parallel Hemodynamic Circuits. <i>Journal of Neurosciences in Rural Practice</i> , 2019, 10, 334-338.	0.8	3
67	Management strategies of unanticipated intracranial stenosis during mechanical thrombectomy for acute stroke: A survey of academic neurointerventionalists. <i>Interventional Neuroradiology</i> , 2023, 29, 725-730.	1.1	3
68	Staged Multimodality Treatment of a Large Ruptured Fusiform Supraclinoid Internal Carotid Artery Aneurysm: Microsurgical Clip-assisted Endovascular Coiling. <i>Journal of Neurosciences in Rural Practice</i> , 2017, 08, 668-671.	0.8	2
69	Spontaneous Perforation of Anterior Choroidal Artery with Resultant Pseudoaneurysm Formation: Unusual Cause of Subarachnoid Hemorrhage. <i>World Neurosurgery</i> , 2020, 134, 141-144.	1.3	2
70	In reply to the Letter to the Editor Regarding "Small Aneurysms with Low PHASES Scores Account for a Majority of Subarachnoid Hemorrhage Cases" World Neurosurgery, 2020, 140, 438.	1.3	2
71	How I do it: superficial temporal artery-middle cerebral artery bypass for flow augmentation and replacement. <i>Acta Neurochirurgica</i> , 2020, 162, 1847-1851.	1.7	2
72	Supracerebellar Approach for Resection of a Falcotentorial Dural Arteriovenous Fistula with Pial Tectal Arteriovenous Malformation Component Associated with a Left Parafalcine Meningioma. <i>World Neurosurgery</i> , 2020, 137, 337.	1.3	2

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73	Commentary: The Importance of the Temporary Clip Removal Phase on Exposure to Hypoxia: On-Line Measurement of Temporal Lobe Oxygen Levels During Surgery for Middle Cerebral Artery Aneurysms. <i>Neurosurgery</i> , 2022, Publish Ahead of Print, .	1.1	2
74	Socioeconomic factors associated with pediatric moyamoya disease hospitalizations: a nationwide cross-sectional study. <i>Journal of Neurosurgery: Pediatrics</i> , 2022, 29, 602-611.	1.3	2
75	The Effect of Extracranial to Intracranial Bypass on Cerebral Vasoreactivity: A 4D Flow MRI Pilot Study. <i>Journal of Neuroimaging</i> , 2020, 30, 587-592.	2.0	1
76	Letter: Aneurysm Treatment With Woven EndoBridge in the Cumulative Population of 3 Prospective, Multicenter Series: 2-Year Follow-up. <i>Neurosurgery</i> , 2020, 87, E77-E77.	1.1	1
77	Interhemispheric Surgical Approaches for Ruptured Intraventricular Arteriovenous Malformation Associated Aneurysms: Technical Report and Case Series. <i>World Neurosurgery</i> , 2020, 139, e618-e625.	1.3	1
78	Endovascular Treatment of Chronic Subdural Hematoma with Middle Meningeal Artery Embolization. <i>World Neurosurgery</i> , 2021, 155, 193-195.	1.3	1
79	Malignant peripheral nerve sheath tumor at the cerebellopontine angle treated with Gamma Knife radiosurgery: case report and review of the literature. <i>Journal of Radiosurgery and SBRT</i> , 2013, 2, 147-153.	0.2	1
80	Experimental animal models for the study of moyamoya disease. <i>Neurosurgical Focus</i> , 2021, 51, E4.	2.3	1
81	Craniotomy and direct access microcatheterization for preoperative embolization of a complex, high grade intracranial arteriovenous malformation. <i>Journal of Clinical Neuroscience</i> , 2019, 68, 333-335.	1.5	0
82	Far Lateral Approach for In Situ Occlusion of Craniospinal Cervicomedullary Arteriovenous Malformation Presenting with Subarachnoid Hemorrhage. <i>World Neurosurgery</i> , 2020, 139, 582.	1.3	0
83	Technical considerations and challenges in treatment of a ruptured PICA aneurysm in a morbidly obese patient. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2020, 20, 100680.	0.3	0
84	Letter to the editor: Is the unruptured intracranial aneurysm treatment score (UIATS) sensitive enough to detect aneurysms at risk of rupture? <i>Neurosurgical Review</i> , 2021, 44, 1795-1796.	2.4	0
85	Commentary: Encephaloduroarteriosynangiosis Averts Stroke in Atherosclerotic Patients With Border-Zone Infarct: Post Hoc Analysis From a Performance Criterion Phase II Trial. <i>Neurosurgery</i> , 2021, 88, E319-E320.	1.1	0
86	Abstract P6: Impact of Ethnicity on the Outcomes of Mechanical Thrombectomy- Insights From Star. <i>Stroke</i> , 2021, 52, .	2.0	0
87	Abstract P504: Outcomes and Predictors of Successful First Pass in MCA Occlusions Using ADAPT Thrombectomy Technique - Insights From STAR. <i>Stroke</i> , 2021, 52, .	2.0	0
88	Lessons learned from a failed clinical trial of chronic subdural hematoma treatment. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, e23-e23.	3.3	0
89	Letter: Safety, Efficacy, and Durability of Stent Plus Balloon-Assisted Coiling for the Treatment of Wide-Necked Intracranial Bifurcation Aneurysms. <i>Neurosurgery</i> , 2021, 89, E272-E273.	1.1	0
90	Comparison of Simultaneous Bilateral Internal Carotid Artery (ICA) 3-Dimensional Rotational Venography (3D-RV) versus Separate Bilateral ICA 3D-RV and Postprocessing 3D-3D Fusion. <i>World Neurosurgery</i> , 2021, 152, e201-e204.	1.3	0

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91	Endovascular cerebral aneurysm treatment volume during coronavirus 2019. <i>Interventional Neuroradiology</i> , 2021, , 159101992110402.	1.1	0
92	In Reply: Controversies and Advances in Adult Intracranial Bypass Surgery in 2020. <i>Operative Neurosurgery</i> , 2021, 20, E257-E257.	0.8	0
93	Treatment of an infundibular aneurysm by posterior communicating origin disconnection, induced flow reversal and flow diversion after attempted surgical clipping: Case report. <i>Interventional Neuroradiology</i> , 2022, , 159101992210791.	1.1	0
94	Commentary: Modern Appraisal of Patency and Complications in Cerebral Bypass Surgery: A Single Institution Experience. <i>Operative Neurosurgery</i> , 2022, Publish Ahead of Print, .	0.8	0
95	PulseRider-assisted embolization of a distal anterior cerebral artery bifurcation aneurysm: illustrative case. <i>Journal of Neurosurgery Case Lessons</i> , 2022, 3, .	0.3	0