

# Matthew B Potts

## List of Publications by Year in descending order

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56  
papers

1,085  
citations

567281  
15  
h-index

454955  
30  
g-index

56  
all docs

56  
docs citations

56  
times ranked

1784  
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-Term Clinical and Angiographic Outcomes Following Pipeline Embolization Device Treatment of Complex Internal Carotid Artery Aneurysms: Five-Year Results of the Pipeline for Uncoilable or Failed Aneurysms Trial. <i>Neurosurgery</i> , 2017, 80, 40-48.	1.1	346
2	Epidermal electronics for noninvasive, wireless, quantitative assessment of ventricular shunt function in patients with hydrocephalus. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	68
3	Magnesium, hemostasis, and outcomes in patients with intracerebral hemorrhage. <i>Neurology</i> , 2017, 89, 813-819.	1.1	54
4	A Review of the Literature on the Transciliary Supraorbital Keyhole Approach. <i>World Neurosurgery</i> , 2017, 98, 614-624.	1.3	49
5	Minimally Invasive Alternative Approaches to Pterional Craniotomy: A Systematic Review of the Literature. <i>World Neurosurgery</i> , 2018, 113, 163-179.	1.3	42
6	Treatment of distal anterior cerebral artery aneurysms with the Pipeline Embolization Device. <i>Journal of Clinical Neuroscience</i> , 2017, 35, 133-138.	1.5	37
7	Prophylactic Seizure Medication and Health-Related Quality of Life After Intracerebral Hemorrhage. <i>Critical Care Medicine</i> , 2018, 46, 1480-1485.	0.9	35
8	Diagnostic Accuracy of High-Resolution Black-Blood MRI in the Evaluation of Intracranial Large-Vessel Arterial Occlusions. <i>American Journal of Neuroradiology</i> , 2019, 40, 954-959.	2.4	34
9	Follow-up neutrophil-lymphocyte ratio after stroke thrombectomy is an independent biomarker of clinical outcome. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 609-613.	3.3	29
10	Standardized Evaluation of Cerebral Arteriovenous Malformations Using Flow Distribution Network Graphs and Dualâ€‹i>4D Flow MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1718-1730.	3.4	28
11	Continuous, noninvasive wireless monitoring of flow of cerebrospinal fluid through shunts in patients with hydrocephalus. <i>Npj Digital Medicine</i> , 2020, 3, 29.	10.9	26
12	Surgical Cavity Constriction and Local Progression Between Resection and Adjuvant Radiosurgery for Brain Metastases. <i>Cureus</i> , 2016, 8, e575.	0.5	21
13	Volumes, outcomes, and complications after surgical versus endovascular treatment of aneurysms in the United States (1993â€‹2015): continued evolution versus steady-state after more than 2 decades of practice. <i>Journal of Neurosurgery</i> , 2021, 134, 848-861.	1.6	19
14	Parent vessel occlusion after Pipeline embolization of cerebral aneurysms of the anterior circulation. <i>Journal of Neurosurgery</i> , 2017, 127, 1333-1341.	1.6	18
15	Seeing Floaters: A Case Report and Literature Review of Intraventricular Migration of Silicone Oil Tamponade Material for Retinal Detachment. <i>World Neurosurgery</i> , 2018, 115, 201-205.	1.3	18
16	Keyhole approaches for surgical treatment of intracranial aneurysms: a short review. <i>Neurological Research</i> , 2019, 41, 68-76.	1.3	16
17	Subjective and objective evaluation of image quality in biplane cerebral digital subtraction angiography following significant acquisition dose reduction in a clinical setting. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 297-301.	3.3	15
18	Safety and outcome of combined endovascular and surgical management of low grade cerebral arteriovenous malformations in children compared to surgery alone. <i>European Journal of Radiology</i> , 2019, 116, 8-13.	2.6	15

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19	Surgical management of incidentally discovered low-grade gliomas. Journal of Neurosurgery, 2020, , 1-8.	1.6	15
20	Carotid Stenting without Embolic Protection Increases Major Adverse Events: Analysis of the National Surgical Quality Improvement Program. American Journal of Neuroradiology, 2021, 42, 1264-1269.	2.4	13
21	Emergent Endovascular Management of Long-Segment and Flow-Limiting Carotid Artery Dissections in Acute Ischemic Stroke Intervention with Multiple Tandem Stents. American Journal of Neuroradiology, 2017, 38, 97-104.	2.4	12
22	Management and outcome of intracranial hemorrhage in patients with left ventricular assist devices. Journal of Neurosurgery, 2020, 132, 1133-1139.	1.6	12
23	Analysis of Mechanical Thrombectomy for Acute Ischemic Stroke on Nights and Weekends Versus Weekdays at Comprehensive Stroke Centers. Journal of Stroke and Cerebrovascular Diseases, 2021, 30, 105632.	1.6	11
24	Hydrophilic polymer embolic complication during diagnostic cerebral angiography presenting with delayed intracranial hemorrhage: case report and literature review. Journal of NeuroInterventional Surgery, 2019, 11, 80-83.	3.3	10
25	GUide sheath Advancement and aspiRation in the Distal petrocavernous internal carotid artery (GUARD) Technique during Thrombectomy Improves Reperfusion and Clinical Outcomes. American Journal of Neuroradiology, 2019, 40, 1356-1362.	2.4	10
26	Stereotactic radiosurgery and fractionated radiotherapy for spinal arteriovenous malformations – A systematic review of the literature. Journal of Clinical Neuroscience, 2019, 62, 83-87.	1.5	10
27	Refractory Stroke Thrombectomy: Prevalence, Etiology, and Adjunctive Treatment in a North American Cohort. American Journal of Neuroradiology, 2021, 42, 1258-1263.	2.4	10
28	Adjunctive Efficacy of Intra-Arterial Conebeam CT Angiography Relative to DSA in the Diagnosis and Surgical Planning of Micro-Arteriovenous Malformations. American Journal of Neuroradiology, 2018, 39, 1689-1695.	2.4	9
29	Conservative Management and Natural History of Ruptured Basilar Perforator Artery Aneurysms: Two Cases and Literature Review. World Neurosurgery, 2020, 138, 218-222.	1.3	8
30	Endovascular Thrombectomy after Large-Vessel Ischemic Stroke: Utilization, Outcomes, and Readmissions across the United States. Radiology, 2021, 299, 179-189.	7.3	8
31	Overview of medical malpractice in neurosurgery. Neurosurgical Focus, 2020, 49, E2.	2.3	8
32	Intradural extramedullary cavernous malformation with extensive superficial siderosis of the neuraxis: Case report and review of literature. , 2017, 8, 109.		8
33	Vertebral artery dissections with and without cervical spine fractures: Analysis of 291 patients. Clinical Neurology and Neurosurgery, 2020, 197, 106184.	1.4	7
34	Flow Diversion of Posterior Circulation Aneurysms: Systematic Review of Disaggregated Individual Patient Data. American Journal of Neuroradiology, 2021, 42, 1827-1833.	2.4	7
35	Chiropractic associated vertebral artery dissection: An analysis of 34 patients amongst a cohort of 310. Clinical Neurology and Neurosurgery, 2021, 206, 106665.	1.4	6
36	Feasibility of intraoperative computed tomography for endoscopic-assisted intraparenchymal hemorrhage evacuation. Clinical Neurology and Neurosurgery, 2021, 200, 106373.	1.4	5

37	Mass Deployment of Deep Neural Network: Real-Time Proof of Concept With Screening of Intracranial Hemorrhage Using an Open Data Set. <i>Neurosurgery</i> , 2022, 90, 383-389.	1.1	5
38	Ethical Considerations in Surgical Decompression for Stroke. <i>Stroke</i> , 2022, 53, 2673-2682.	2.0	5
39	Magnesium and Risk of Bleeding Complications From Ventriculostomy Insertion. <i>Stroke</i> , 2020, 51, 2795-2800.	2.0	4
40	Holohemispheric Prostate Carcinoma Dural Metastasis Mimicking Subdural Hematoma: Case Report and Review of the Literature. <i>Journal of Neurological Surgery Reports</i> , 2022, 83, e23-e28.	0.6	4
41	Unplanned readmission after carotid stenting versus endarterectomy: analysis of the United States Nationwide Readmissions Database. <i>Journal of NeuroInterventional Surgery</i> , 2023, 15, 242-247.	3.3	4
42	Bone Flap Resorption Associated with Indolent <i>Propionibacterium acnes</i> Infection After Cranioplasty: Case Report with Pathological Analysis. <i>World Neurosurgery</i> , 2020, 138, 313-316.	1.3	3
43	Vertebral Artery Dissections With Concurrent Intracranial Hemorrhage: A Case Series of 13 Patients Among a Cohort of 301. <i>World Neurosurgery</i> , 2021, 149, e1128-e1133.	1.3	3
44	Characteristics and Predictors of Outcome of Pseudoaneurysms Associated With Vertebral Artery Dissections: A 310-Patient Case Series. <i>Operative Neurosurgery</i> , 2021, 20, 456-461.	0.8	3
45	Stenting of Mobile Calcified Emboli After Failed Thrombectomy in Acute Ischemic Stroke: Case Report and Literature Review. <i>World Neurosurgery</i> , 2020, 135, 245-251.	1.3	2
46	Mechanical Thrombectomy for Delayed Thrombosis of Pipeline Embolization Device. <i>World Neurosurgery</i> , 2020, 140, 237-240.	1.3	2
47	Lumboperitoneal shunts for the treatment of idiopathic normal pressure hydrocephalus. <i>Journal of Clinical Neuroscience</i> , 2021, 86, 1-5.	1.5	2
48	Clinical Characteristics, Course, and Outcomes of Vertebral Artery Dissections in the Postpartum Period. <i>Neurosurgery</i> , 2021, 89, 792-799.	1.1	2
49	Traumatic and Spontaneous Vertebral Artery Dissections: An Analysis of Tertiary-Center 310 Patient Cohort. <i>Operative Neurosurgery</i> , 2021, 21, 343-350.	0.8	2
50	Continued Dominance of Carotid Endarterectomy over Stenting in the United States: Volumes, Outcomes, and Complications from the National Inpatient Sample (1997â€“2015). <i>World Neurosurgery</i> , 2022, 163, e238-e252.	1.3	2
51	Rapid Development of an Aneurysm at the Anastomotic Site of a Superficial Temporal Artery to Middle Cerebral Artery Bypass: Case Report and Literature Review. <i>World Neurosurgery</i> , 2019, 128, 314-319.	1.3	1
52	Prothrombin Complex Concentrate for Emergent Reversal of Intracranial Hemorrhage in Patients with Ventricular Assist Devices. <i>Neurocritical Care</i> , 2021, 35, 506-517.	2.4	1
53	Unfractionated Heparin TID Dosing Regimen Is Associated With a Lower Rate of Pulmonary Embolism When Compared With BID Dosing in Patients Undergoing Craniotomy. <i>World Neurosurgery</i> , 2021, 153, e147-e152.	1.3	1
54	Standardized Evaluation of Cerebral Arteriovenous Malformations Using Flow Distribution Network Graphs and Dualâ€‹i> 4D Flow MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, spcone.	3.4	0

#	ARTICLE	IF	CITATIONS
55	A Case of Birt-Hogg-Dubé Syndrome and Multiple Intracranial Aneurysms. Cureus, 2020, 12, e6884.	0.5	0
56	Medical Malpractice Litigation Involving Arteriovenous Malformations of the Central Nervous System. World Neurosurgery, 2022, 160, e601-e607.	1.3	0