

Ajith Thomas

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9294075/ajith-thomas-publications-by-citations.pdf>
Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

236 papers	4,432 citations	31 h-index	59 g-index
246 ext. papers	5,419 ext. citations	3.3 avg, IF	5.39 L-index

#	Paper	IF	Citations
236	Endoscopic endonasal skull base surgery: analysis of complications in the authors' initial 800 patients. <i>Journal of Neurosurgery</i> , 2011 , 114, 1544-68	3.2	423
235	Endoscopic endonasal resection of anterior cranial base meningiomas. <i>Neurosurgery</i> , 2008 , 63, 36-52; discussion 52-4	3.2	310
234	Endoscopic reconstruction of the cranial base using a pedicled nasoseptal flap. <i>Operative Neurosurgery</i> , 2008 , 63, ONS44-52; discussion ONS52-3	1.6	302
233	Progesterone is neuroprotective after acute experimental spinal cord trauma in rats. <i>Spine</i> , 1999 , 24, 2134-8	3.3	165
232	Magnesium sulfate therapy after aneurysmal subarachnoid hemorrhage. <i>Journal of Neurosurgery</i> , 2002 , 96, 510-4	3.2	156
231	Safety, feasibility, and short-term follow-up of drug-eluting stent placement in the intracranial and extracranial circulation. <i>Stroke</i> , 2006 , 37, 2562-6	6.7	153
230	Microglia regulate blood clearance in subarachnoid hemorrhage by heme oxygenase-1. <i>Journal of Clinical Investigation</i> , 2015 , 125, 2609-25	15.9	126
229	A PGC1 β -mediated transcriptional axis suppresses melanoma metastasis. <i>Nature</i> , 2016 , 537, 422-426	50.4	123
228	ER and Nutrient Stress Promote Assembly of Respiratory Chain Supercomplexes through the PERK-eIF2 α Axis. <i>Molecular Cell</i> , 2019 , 74, 877-890.e6	17.6	100
227	Endoscopic endonasal pituitary transposition for a transdorsum sellae approach to the interpeduncular cistern. <i>Operative Neurosurgery</i> , 2008 , 62, 57-72; discussion 72-4	1.6	81
226	Use of Platelet Function Testing Before Pipeline Embolization Device Placement: A Multicenter Cohort Study. <i>Stroke</i> , 2017 , 48, 1322-1330	6.7	76
225	Mechanical approaches combined with intra-arterial pharmacological therapy are associated with higher recanalization rates than either intervention alone in revascularization of acute carotid terminus occlusion. <i>Stroke</i> , 2009 , 40, 2092-7	6.7	75
224	Efficacy of the Ghajar Guide revisited: a prospective study. <i>Journal of Neurosurgery</i> , 2000 , 92, 801-3	3.2	73
223	Middle Meningeal Artery Embolization for Chronic Subdural Hematoma: Meta-Analysis and Systematic Review. <i>World Neurosurgery</i> , 2019 , 122, 613-619	2.1	64
222	Pipeline Embolization Device for Small Intracranial Aneurysms: Evaluation of Safety and Efficacy in a Multicenter Cohort. <i>Neurosurgery</i> , 2017 , 80, 579-587	3.2	51
221	Predictors of Incomplete Occlusion following Pipeline Embolization of Intracranial Aneurysms: Is It Less Effective in Older Patients?. <i>American Journal of Neuroradiology</i> , 2017 , 38, 2295-2300	4.4	42
220	Pipeline embolization of posterior circulation aneurysms: a multicenter study of 131 aneurysms. <i>Journal of Neurosurgery</i> , 2018 , 130, 923-935	3.2	42

219	Medical Malpractice in Neurosurgery: A Comprehensive Analysis. <i>World Neurosurgery</i> , 2018 , 110, e552-e559		41
218	Endovascular Mechanical Thrombectomy in Large-Vessel Occlusion Ischemic Stroke Presenting with Low National Institutes of Health Stroke Scale: Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2018 , 110, 263-269	2.1	40
217	Assessment of Dual-Antiplatelet Regimen for Pipeline Embolization Device Placement: A Survey of Major Academic Neurovascular Centers in the United States. <i>World Neurosurgery</i> , 2016 , 96, 285-292	2.1	40
216	Flow Diverters for Treatment of 160 Ophthalmic Segment Aneurysms: Evaluation of Safety and Efficacy in a Multicenter Cohort. <i>Neurosurgery</i> , 2017 , 80, 726-732	3.2	39
215	Pipeline Embolization Device for small paraophthalmic artery aneurysms with an emphasis on the anatomical relationship of ophthalmic artery origin and aneurysm. <i>Journal of Neurosurgery</i> , 2016 , 125, 1352-1359	3.2	39
214	Retrieval of a displaced detachable coil and intracranial stent with an L5 Merci Retriever during endovascular embolization of an intracranial aneurysm. <i>Journal of Neuroimaging</i> , 2008 , 18, 81-4	2.8	38
213	Expanded endonasal approach: a fully endoscopic completely transnasal resection of a skull base arteriovenous malformation. <i>Childs Nervous System</i> , 2007 , 23, 491-8	1.7	37
212	Gilliat-Sumner hand revisited: a 25-year experience. <i>Neurosurgery</i> , 2004 , 55, 883-90; discussion 890	3.2	37
211	Craniotomy Versus Decompressive Craniectomy for Acute Subdural Hematoma: Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2017 , 101, 677-685.e2	2.1	35
210	Stratification of recanalization for patients with endovascular treatment of intracranial aneurysms. <i>Neurosurgery</i> , 2015 , 76, 390-5; discussion 395	3.2	35
209	Middle Meningeal Artery Embolization for Chronic Subdural Hematoma: A Multi-Center Experience of 154 Consecutive Embolizations. <i>Neurosurgery</i> , 2021 , 88, 268-277	3.2	34
208	Bidirectional crosstalk between periventricular endothelial cells and neural progenitor cells promotes the formation of a neurovascular unit. <i>Brain Research</i> , 2014 , 1565, 8-17	3.7	32
207	Validation of a System to Predict Recanalization After Endovascular Treatment of Intracranial Aneurysms. <i>Neurosurgery</i> , 2015 , 77, 168-73; discussion 173-4	3.2	32
206	Preoperative Embolization of Spinal Tumors: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2016 , 87, 362-71	2.1	31
205	Endoscopic endonasal resection of a synchronous pituitary adenoma and a tuberculum sellae meningioma: technical case report. <i>Operative Neurosurgery</i> , 2007 , 60, E401; discussion E401	1.6	31
204	Outcomes After Off-Label Use of the Pipeline Embolization Device for Intracranial Aneurysms: A Multicenter Cohort Study. <i>World Neurosurgery</i> , 2018 , 115, e200-e205	2.1	30
203	Endovascular Thrombectomy Alone versus Combined with Intravenous Thrombolysis. <i>World Neurosurgery</i> , 2017 , 108, 850-858.e2	2.1	29
202	On Flow Diversion: The Changing Landscape of Intracerebral Aneurysm Management. <i>American Journal of Neuroradiology</i> , 2019 , 40, 591-600	4.4	27

201	Survival of patients with synchronous brain metastases: an epidemiological study in southeastern Michigan. <i>Journal of Neurosurgery</i> , 2000 , 93, 927-31	3.2	27
200	A Multicenter Cohort Comparison Study of the Safety, Efficacy, and Cost of Ticagrelor Compared to Clopidogrel in Aneurysm Flow Diverter Procedures. <i>Neurosurgery</i> , 2017 , 81, 665-671	3.2	26
199	Collar Sign in Incompletely Occluded Aneurysms after Pipeline Embolization: Evaluation with Angiography and Optical Coherence Tomography. <i>American Journal of Neuroradiology</i> , 2017 , 38, 323-326	4.4	26
198	Symptomatic cerebral air embolism during neuro-angiographic procedures: incidence and problem avoidance. <i>Neurocritical Care</i> , 2007 , 7, 241-6	3.3	25
197	Dual origin extracranial vertebral artery: case report and embryology. <i>Journal of Neuroimaging</i> , 2008 , 18, 173-6	2.8	25
196	Comparison of Stent-Assisted Coil Embolization and the Pipeline Embolization Device for Endovascular Treatment of Ophthalmic Segment Aneurysms: A Multicenter Cohort Study. <i>World Neurosurgery</i> , 2017 , 105, 206-212	2.1	23
195	Aspirin and Risk of Subarachnoid Hemorrhage: Systematic Review and Meta-Analysis. <i>Stroke</i> , 2017 , 48, 1210-1217	6.7	23
194	Surgical management of ruptured middle cerebral artery aneurysms with large intraparenchymal or sylvian fissure hematomas. <i>Neurosurgery</i> , 2015 , 76, 258-64; discussion 264	3.2	23
193	Safety and Efficacy of Noncompliant Balloon Angioplasty for the Treatment of Subarachnoid Hemorrhage-Induced Vasospasm: A Multicenter Study. <i>World Neurosurgery</i> , 2017 , 98, 189-197	2.1	23
192	Endovascular treatment of distal anterior cerebral artery aneurysms: technical results and review of the literature. <i>Journal of Neuroimaging</i> , 2010 , 20, 70-3	2.8	23
191	Traumatic pseudoaneurysms of the superficial temporal artery: case series, anatomy, and multidisciplinary treatment considerations. <i>Journal of Clinical Neuroscience</i> , 2014 , 21, 1529-32	2.2	22
190	Proposal of Venous Drainage-Based Classification System for Carotid Cavernous Fistulae With Validity Assessment in a Multicenter Cohort. <i>Neurosurgery</i> , 2015 , 77, 380-5; discussion 385	3.2	22
189	Middle meningeal artery embolization treatment of nonacute subdural hematomas in the elderly: a multiinstitutional experience of 151 cases. <i>Neurosurgical Focus</i> , 2020 , 49, E5	4.2	22
188	Direct endovascular thrombectomy and bridging strategies for acute ischemic stroke: a network meta-analysis. <i>Journal of NeuroInterventional Surgery</i> , 2019 , 11, 443-449	7.8	22
187	Ischemic Stroke After Treatment of Intraprocedural Thrombosis During Stent-Assisted Coiling and Flow Diversion. <i>Stroke</i> , 2017 , 48, 1098-1100	6.7	21
186	Documentation of Improved Outcomes for Intracranial Aneurysm Management Over a 15-Year Interval. <i>Stroke</i> , 2016 , 47, 708-12	6.7	21
185	Risk of Branch Occlusion and Ischemic Complications with the Pipeline Embolization Device in the Treatment of Posterior Circulation Aneurysms. <i>American Journal of Neuroradiology</i> , 2018 , 39, 1303-1309	4.4	21
184	Intracranial head and neck tumors: endovascular considerations, present and future. <i>Neurosurgery</i> , 2006 , 59, S251-60; discussion S3-13	3.2	21

183	Endothelialization following Flow Diversion for Intracranial Aneurysms: A Systematic Review. <i>American Journal of Neuroradiology</i> , 2019 , 40, 295-301	4.4	20
182	A Direct Aspiration First Pass Technique vs Standard Endovascular Therapy for Acute Stroke: A Systematic Review and Meta-Analysis. <i>Neurosurgery</i> , 2018 , 83, 19-28	3.2	20
181	Flow Diverters as Useful Adjunct to Traditional Endovascular Techniques in Treatment of Direct Carotid-Cavernous Fistulas. <i>World Neurosurgery</i> , 2017 , 105, 812-817	2.1	20
180	Pipeline Embolization Device in Treatment of 50 Unruptured Large and Giant Aneurysms. <i>World Neurosurgery</i> , 2017 , 105, 232-237	2.1	19
179	An analysis of malpractice litigation related to the management of brain aneurysms. <i>Journal of Neurosurgery</i> , 2017 , 127, 1077-1083	3.2	18
178	Use of Flow Diversion for the Treatment of Distal Circulation Aneurysms: A Multicohort Study. <i>World Neurosurgery</i> , 2018 , 118, e825-e833	2.1	18
177	Lumbar artery pseudoaneurysm after percutaneous vertebroplasty: a unique vascular complication. <i>Journal of Neurosurgery: Spine</i> , 2011 , 14, 296-9	2.8	18
176	Pipeline Embolization Device for Recurrent Cerebral Aneurysms after Microsurgical Clipping. <i>World Neurosurgery</i> , 2016 , 93, 341-5	2.1	18
175	Predictive factors of incomplete aneurysm occlusion after endovascular treatment with the Pipeline embolization device. <i>Journal of Neurosurgery</i> , 2019 , 132, 1598-1605	3.2	17
174	Carotid endarterectomy in patients with contralateral internal carotid artery occlusion without intraoperative shunting. <i>World Neurosurgery</i> , 2002 , 57, 325-30; discussion 331-2		16
173	Middle meningeal artery: Gateway for effective transarterial Onyx embolization of dural arteriovenous fistulas. <i>Clinical Anatomy</i> , 2016 , 29, 718-28	2.5	16
172	Pivotal Trial of the Neuroform Atlas Stent for Treatment of Anterior Circulation Aneurysms: One-Year Outcomes. <i>Stroke</i> , 2020 , 51, 2087-2094	6.7	15
171	Impact of Coil Packing Density and Coiling Technique on Occlusion Rates for Aneurysms Treated with Stent-Assisted Coil Embolization. <i>World Neurosurgery</i> , 2016 , 94, 157-166	2.1	15
170	Endosaccular Flow Disruption: A New Frontier in Endovascular Aneurysm Management. <i>Neurosurgery</i> , 2020 , 86, 170-181	3.2	15
169	Transarterial Onyx Embolization of Bilateral Transverse-Sigmoid Dural Arteriovenous Malformation with Transvenous Balloon Assist-Initial U.S. Experience with Copernic RC Venous Remodeling Balloon. <i>World Neurosurgery</i> , 2018 , 109, 398-402	2.1	14
168	Y stenting using kissing stents for the treatment of bifurcation aneurysms. <i>Journal of NeuroInterventional Surgery</i> , 2012 , 4, 16-21	7.8	14
167	Lower pretreatment cerebral blood volume affects hemorrhagic risks after intra-arterial revascularization in acute stroke. <i>Neurosurgery</i> , 2008 , 63, 874-8; discussion 878-9	3.2	14
166	Ventriculoperitoneal shunting: Laparoscopically assisted versus conventional open surgical approaches. <i>Journal of Innovative Optical Health Sciences</i> , 2014 , 9, 72-81	1.2	14

165	Comparison of Pipeline Embolization Device and Flow Re-Direction Endoluminal Device Flow Diverters for Internal Carotid Artery Aneurysms: A Propensity Score-Matched Cohort Study. <i>Neurosurgery</i> , 2019 , 85, E249-E255	3.2	14
164	Predictors of Shunt Insertion in Aneurysmal Subarachnoid Hemorrhage. <i>World Neurosurgery</i> , 2017 , 98, 421-426	2.1	13
163	Evaluating Imaging Follow-Up Strategies and Costs of Unruptured Intracranial Aneurysms Treated with Endovascular Techniques: A Survey of Academic Neurovascular Centers in the United States. <i>World Neurosurgery</i> , 2016 , 94, 360-367	2.1	13
162	Transvenous approach to carotid-cavernous fistula via facial vein cut down. <i>Journal of Clinical Neuroscience</i> , 2014 , 21, 1238-40	2.2	13
161	Endovascular treatment of symptomatic moyamoya. <i>Neurosurgical Review</i> , 2014 , 37, 579-83	3.9	13
160	Noninvasive Intracranial Pressure Determination in Patients with Subarachnoid Hemorrhage. <i>Acta Neurochirurgica Supplementum</i> , 2016 , 122, 65-8	1.7	13
159	Quantitative Assessment of In-Stent Stenosis After Pipeline Embolization Device Treatment of Intracranial Aneurysms: A Single-Institution Series and Systematic Review. <i>World Neurosurgery</i> , 2018 , 120, e1031-e1040	2.1	13
158	The Use of Single Stent-Assisted Coiling in Treatment of Bifurcation Aneurysms: A Multicenter Cohort Study With Proposal of a Scoring System to Predict Complete Occlusion. <i>Neurosurgery</i> , 2018 , 82, 710-718	3.2	12
157	Epidural Bovine Pericardium Facilitates Dissection During Cranioplasty: A Technical Note. <i>World Neurosurgery</i> , 2015 , 84, 2059-63	2.1	12
156	Proposal of a Grading System for Predicting Discharge Mortality and Functional Outcome in Patients with Aneurysmal Subarachnoid Hemorrhage. <i>World Neurosurgery</i> , 2019 , 121, e500-e510	2.1	12
155	Pharmacy-Mediated Antiplatelet Management Protocol Compared to One-time Platelet Function Testing Prior to Pipeline Embolization of Cerebral Aneurysms: A Propensity Score-Matched Cohort Study. <i>Neurosurgery</i> , 2019 , 84, 673-679	3.2	12
154	ISAT: equipoise in treatment of ruptured cerebral aneurysms?. <i>Lancet, The</i> , 2015 , 385, 666-8	4.0	11
153	De novo AVM formation following venous sinus thrombosis and prior AVM resection in adults: report of 2 cases. <i>Journal of Neurosurgery</i> , 2018 , 128, 506-510	3.2	11
152	Validity assessment of grading scales predicting complications from embolization of cerebral arteriovenous malformations. <i>Clinical Neurology and Neurosurgery</i> , 2016 , 151, 102-107	2	11
151	Endovascular treatment of intracranial infectious aneurysms in eloquent cortex with super-selective provocative testing: Case series and literature review. <i>Interventional Neuroradiology</i> , 2016 , 22, 148-52	1.9	11
150	Accuracy and Safety of External Ventricular Drain Placement by Physician Assistants and Nurse Practitioners in Aneurysmal Acute Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2018 , 29, 435-442	3.3	11
149	Moyamoya disease in pregnancy: a systematic review. <i>Acta Neurochirurgica</i> , 2018 , 160, 1711-1719	3	11
148	Neuroprotective Effects of Selective Inhibition of Histone Deacetylase 3 in Experimental Stroke. <i>Translational Stroke Research</i> , 2020 , 11, 1052-1063	7.8	11

147	Ultra-Early Angiographic Vasospasm After Aneurysmal Subarachnoid Hemorrhage: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2017 , 102, 632-638.e1	2.1	10
146	Flow diversion for treatment of intracranial aneurysms: Mechanism and implications. <i>Annals of Neurology</i> , 2019 , 85, 793-800	9.4	10
145	Posterior communicating and vertebral artery configuration and outcome in endovascular treatment of acute basilar artery occlusion. <i>Journal of NeuroInterventional Surgery</i> , 2015 , 7, 864-7	7.8	10
144	Retrograde back-coiling technique for a ruptured aneurysm of a double-origin posterior inferior cerebellar artery. <i>Journal of Neuroimaging</i> , 2009 , 19, 65-7	2.8	10
143	Accuracy of on-call resident interpretation of CT angiography for intracranial aneurysm in subarachnoid hemorrhage. <i>American Journal of Roentgenology</i> , 2011 , 197, 1436-41	5.4	10
142	Validation of a Predictive Scoring System for Ventriculoperitoneal Shunt Insertion After Aneurysmal Subarachnoid Hemorrhage. <i>World Neurosurgery</i> , 2018 , 109, e210-e216	2.1	10
141	The Pipeline Embolization Device: Changes in Practice and Reduction of Complications in the Treatment of Anterior Circulation Aneurysms in a Multicenter Cohort. <i>Neurosurgery</i> , 2020 , 86, 266-271	3.2	9
140	Disappearance of a Ruptured Distal Flow-Related Aneurysm after Arteriovenous Malformation Nidal Embolization. <i>World Neurosurgery</i> , 2015 , 84, 1496.e1-6	2.1	9
139	Transition to Radial Approach for Neurovascular Procedures is Safe and Convenient: Characterization of a Learning Experience. <i>Operative Neurosurgery</i> , 2020 , 19, 489-494	1.6	9
138	Sequential Coiling-Assisted Deployment of Flow Diverter for Treatment of Fusiform Middle Cerebral Artery Aneurysms. <i>Operative Neurosurgery</i> , 2018 , 15, E13-E18	1.6	9
137	Analysis of venous drainage in three patients with extradural spinal arteriovenous fistulae at the craniovertebral junction with potentially benign implication. <i>Journal of NeuroInterventional Surgery</i> , 2014 , 6, 150-5	7.8	9
136	Endovascular treatment of atypical posterior circulation aneurysms: technical results and review of the literature. <i>Journal of Neuroimaging</i> , 2011 , 21, 56-61	2.8	9
135	Ethylenevinylalcohol copolymer (Onyx-18) used in endovascular treatment of vein of Galen malformation. <i>Childs Nervous System</i> , 2008 , 24, 135-8	1.7	9
134	Treatment of extracranial carotid artery pseudoaneurysms with stent grafts: case series. <i>Journal of Neuroimaging</i> , 2008 , 18, 180-3	2.8	9
133	Removal of symptomatic titanium fixation plates after craniotomy. <i>Acta Neurochirurgica</i> , 2016 , 158, 1845-8	5	9
132	Outcomes after coverage of lenticulostriate vessels by flow diverters: a multicenter experience. <i>Journal of Neurosurgery</i> , 2019 , 132, 473-480	3.2	9
131	Hypervascular Lesions of the Cerebellopontine Angle: The Relevance of Angiography as a Diagnostic and Therapeutic Tool and the Role of Stereotactic Radiosurgery in Management. A Comprehensive Review. <i>World Neurosurgery</i> , 2017 , 100, 100-117	2.1	8
130	Effect of Blood Pressure Variability During the Acute Period of Subarachnoid Hemorrhage on Functional Outcomes. <i>Neurosurgery</i> , 2020 , 87, 779-787	3.2	8

129	Clinical presentation, progression, and treatment outcomes of moyamoya disease in the elderly. <i>Acta Neurochirurgica</i> , 2016 , 158, 2409-2414	3	8
128	The glomic artery supply of carotid body tumors and implications for embolization. <i>Journal of Clinical Neuroscience</i> , 2014 , 21, 1176-9	2.2	8
127	Frameless angiogram-based stereotactic radiosurgery for treatment of arteriovenous malformations. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012 , 84, 274-82	4	8
126	Early postmarket results with PulseRider for treatment of wide-necked intracranial aneurysms: a multicenter experience. <i>Journal of Neurosurgery</i> , 2019 , 1-10	3.2	8
125	Usefulness of flat detector CT (FD-CT) with biplane fluoroscopy for complication avoidance during radiofrequency thermal rhizotomy for trigeminal neuralgia. <i>Journal of NeuroInterventional Surgery</i> , 2016 , 8, 830-3	7.8	7
124	Bow Hunter [®] Syndrome from a Tortuous V1 Segment Vertebral Artery Treated with Stent Placement. <i>World Neurosurgery</i> , 2017 , 98, 878.e11-878.e15	2.1	7
123	Biaxial system using the Benchmark intracranial guide catheter for placement of a Pipeline Embolization Device for intracranial aneurysms. <i>Interventional Neuroradiology</i> , 2016 , 22, 402-6	1.9	7
122	Evaluating the complexity of online patient education materials about brain aneurysms published by major academic institutions. <i>Journal of Neurosurgery</i> , 2017 , 127, 278-283	3.2	7
121	Upfront middle meningeal artery embolization for treatment of chronic subdural hematomas in patients with or without midline shift. <i>Interventional Neuroradiology</i> , 2021 , 27, 571-576	1.9	7
120	A Cohort Comparison Analysis of Fixed Pressure Ventriculoperitoneal Shunt Valves With Programmable Valves for Hydrocephalus Following Nontraumatic Subarachnoid Hemorrhage. <i>Operative Neurosurgery</i> , 2020 , 18, 374-383	1.6	6
119	Factors influencing the presence of hemiparesis in chronic subdural hematoma. <i>Journal of Neurosurgery</i> , 2019 , 131, 1926-1930	3.2	6
118	Surgical and Endovascular Comprehensive Treatment Outcomes of Unruptured Intracranial Aneurysms: Reduction of Treatment Bias. <i>World Neurosurgery</i> , 2019 , 126, e878-e887	2.1	6
117	Landmark papers in cerebrovascular neurosurgery 2015. <i>Clinical Neurology and Neurosurgery</i> , 2016 , 148, 22-8	2	6
116	Histopathological Demonstration of Subacute Endothelialization Following Aneurysm Retreatment with the Pipeline Embolization Device. <i>World Neurosurgery</i> , 2018 , 118, 156-160	2.1	6
115	Angiographic Findings in the Tolosa-Hunt Syndrome and Resolution after Corticosteroid Treatment. <i>Neuro-Ophthalmology</i> , 2018 , 42, 159-163	0.9	6
114	Ruptured Distal Anterior Choroidal Artery Aneurysm Treated with Superselective Provocative Testing and Coil Embolization. <i>World Neurosurgery</i> , 2017 , 105, 1032.e19-1032.e22	2.1	6
113	Transpalatal endoscopic endonasal resection of a giant epignathus skull base teratoma in a newborn. Case report. <i>Journal of Neurosurgery: Pediatrics</i> , 2007 , 107, 266-71	2.1	6
112	Endovascular management of a traumatic ophthalmic artery aneurysm. <i>Journal of Trauma</i> , 2007 , 63, 192-4		6

111	Expanding the Indications for Flow Diversion: Treatment of Posterior Circulation Aneurysms. <i>Neurosurgery</i> , 2020 , 86, S76-S84	3.2	6
110	Who is Likely to Present in Poor Neurologic Condition After Aneurysmal Subarachnoid Hemorrhage? Risk Factors and Implications for Treatment. <i>World Neurosurgery</i> , 2016 , 92, 113-119	2.1	6
109	Factors Predicting the Need for Surgery of the Opposite Side After Unilateral Evacuation of Bilateral Chronic Subdural Hematomas. <i>Neurosurgery</i> , 2019 , 85, 648-655	3.2	6
108	Neurosurgical Resident Error: A Survey of U.S. Neurosurgery Residency Training Program Directors' Perceptions. <i>World Neurosurgery</i> , 2018 , 109, e563-e570	2.1	6
107	Treatment of Dural Arteriovenous Fistulas with Cortical Venous Reflux-Endovascular Therapy and Surgery Preferred Modality of Treatment. <i>World Neurosurgery</i> , 2015 , 83, 1053-4	2.1	5
106	Pipeline Embolization Device Versus Stent-Assisted Coiling for Intracranial Aneurysm Treatment: A Retrospective Propensity Score-Matched Study. <i>Neurosurgery</i> , 2020 , 87, 516-522	3.2	5
105	Role of aspirin and statin therapy in patients with cerebral cavernous malformations. <i>Journal of Clinical Neuroscience</i> , 2020 , 78, 246-251	2.2	5
104	Combined Outcomes of Endovascular or Surgical Treatment of Unruptured Anterior Communicating Artery Aneurysms: Is a More Aggressive Management Strategy Warranted?. <i>World Neurosurgery</i> , 2018 , 115, e331-e336	2.1	5
103	Brain Mapping for Safe Microsurgical Resection of Arteriovenous Malformations in Eloquent Cortex. <i>World Neurosurgery</i> , 2015 , 83, 1148-56	2.1	5
102	Dual diagnostic catheter technique in the endovascular management of anterior communicating artery complex aneurysms. <i>Surgical Neurology International</i> , 2016 , 7, 87	1	5
101	Middle Meningeal Artery Embolization Versus Conventional Treatment of Chronic Subdural Hematomas. <i>Neurosurgery</i> , 2021 , 89, 486-495	3.2	5
100	Lazic Aneurysm Clip System for Microsurgical Clipping of Cerebral Aneurysms: Transition to a New Aneurysm Clip System in an Established Cerebrovascular Practice. <i>World Neurosurgery</i> , 2016 , 96, 454-459	2.1	5
99	Relationship between external ventricular drain clamp trials and ventriculoperitoneal shunt insertion following nontraumatic subarachnoid hemorrhage: a single-center study. <i>Journal of Neurosurgery</i> , 2018 , 130, 956-962	3.2	5
98	Conscious Sedation Versus General Anesthesia for the Treatment of Cerebral Aneurysms with Flow Diversion: A Matched Cohort Study. <i>World Neurosurgery</i> , 2017 , 102, 1-5	2.1	4
97	Treatment of Tandem Internal Carotid Artery Aneurysms Using a Single Pipeline Embolization Device: Evaluation of Safety and Efficacy. <i>American Journal of Neuroradiology</i> , 2017 , 38, 1605-1609	4.4	4
96	Reconstructive vs Deconstructive Endovascular Approach to Intradural Vertebral Artery Aneurysms: A Multicenter Cohort Study. <i>Neurosurgery</i> , 2020 , 87, 383-393	3.2	4
95	Self-Reported Headaches in Patients with Unruptured Intracranial Aneurysms Treated with the Pipeline Embolization Device. <i>World Neurosurgery</i> , 2018 , 113, e364-e372	2.1	4
94	Defining a Clopidogrel Response Cut-Off Value Using Light Transmission Aggregometry Before Pipeline Embolization of Unruptured Intracranial Aneurysms. <i>World Neurosurgery</i> , 2018 , 113, e146-e152	2.1	4

93	Sexual activity as a trigger for intracranial hemorrhage. <i>Acta Neurochirurgica</i> , 2016 , 158, 189-95	3	4
92	Proposal of a follow-up imaging strategy following Pipeline flow diversion treatment of intracranial aneurysms. <i>Journal of Neurosurgery</i> , 2018 , 131, 32-39	3.2	4
91	Coil Embolization of a Carotid-Cavernous Fistula Through Superior Ophthalmic Venous Access via External Jugular Vein Puncture Approach. <i>World Neurosurgery</i> , 2019 , 131, 196	2.1	4
90	Endovascular coiling of a ruptured basilar apex aneurysm with associated pseudoaneurysm. <i>Journal of Clinical Neuroscience</i> , 2014 , 21, 1637-40	2.2	4
89	Mapping of Surface Deformation and Displacement Associated with the 6.5 Magnitude Botswana Earthquake of 3 April 2017 Using DInSAR Analysis. <i>Geomatics and Environmental Engineering</i> , 2020 , 14, 81-100	1.8	4
88	Flow Diversion for Treatment of Partially Thrombosed Aneurysms: A Multicenter Cohort. <i>World Neurosurgery</i> , 2020 , 135, e164-e173	2.1	4
87	Ex-vivo release of Pipeline Embolization Device polytetrafluoroethylene (PTFE) sleeves for improved distal landing zone accuracy in-vivo: A technical note. <i>Interventional Neuroradiology</i> , 2016 , 22, 679-681	1.9	4
86	Patterns of Stroke Transfers and Identification of Predictors for Thrombectomy. <i>World Neurosurgery</i> , 2019 , 121, e675-e683	2.1	4
85	Statin Therapy and Diabetes Do Not Affect Aneurysm Occlusion or Clinical Outcomes After Pipeline Embolization Device Treatment: A Preliminary Study. <i>World Neurosurgery</i> , 2018 , 120, e525-e532	2.1	4
84	No differences in effectiveness and safety between pipeline embolization device and stent-assisted coiling for the treatment of communicating segment internal carotid artery aneurysms. <i>Neuroradiology Journal</i> , 2019 , 32, 344-352	2	3
83	Evaluation of Radiological Features of the Posterior Communicating Artery and Their Impact on Efficacy of Saccular Aneurysm Treatment with the Pipeline Embolization Device: A Case Series Study. <i>World Neurosurgery</i> , 2019 , 125, e998-e1007	2.1	3
82	Defining the Mechanism of Subarachnoid Hemorrhage-Induced Pyrexia. <i>Neurotherapeutics</i> , 2020 , 17, 1160-1169	6.4	3
81	Multicenter Postmarket Analysis of the Neuroform Atlas Stent for Stent-Assisted Coil Embolization of Intracranial Aneurysms. <i>American Journal of Neuroradiology</i> , 2020 , 41, 1037-1042	4.4	3
80	Women With First-Hand Tobacco Smoke Exposure Have a Higher Likelihood of Having an Unruptured Intracranial Aneurysm Than Nonsmokers: A Nested Case-Control Study. <i>Neurosurgery</i> , 2020 , 87, 1191-1198	3.2	3
79	Perspective on Safety and Effectiveness of Middle Meningeal Artery Embolization for Chronic Subdural Hematoma. <i>World Neurosurgery</i> , 2019 , 127, 97-98	2.1	3
78	Soluble Fms-Like Tyrosine Kinase 1 (sFlt-1) and Risk of Cerebral Vasospasm After Aneurysmal Subarachnoid Hemorrhage. <i>World Neurosurgery</i> , 2017 , 108, 84-89	2.1	3
77	An unruptured anterior communicating artery aneurysm with bilateral infraoptic anterior cerebral arteries. Case report and review of the literature. <i>Journal of Cerebrovascular and Endovascular Neurosurgery</i> , 2014 , 16, 368-73	0.7	3
76	Cranial Drilling Tool with Retracting Drill Bit Upon Skull Penetration. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2012 , 6,	1.3	3

75	Symptomatic Hemorrhage From Cerebral Cavernous Malformations: Evidence from a Cohort Study. <i>World Neurosurgery</i> , 2020 , 135, e477-e487	2.1	3
74	Cigarette smoking and risk of intracranial aneurysms in middle-aged women. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020 , 91, 985-990	5.5	3
73	Neuroform Atlas Stent for Treatment of Middle Cerebral Artery Aneurysms: 1-Year Outcomes From Neuroform Atlas Stent Pivotal Trial. <i>Neurosurgery</i> , 2021 , 89, 102-108	3.2	3
72	Microsurgical Resection of a Meningioma at the Entrance of Dorello's Canal Causing VI Cranial Nerve Compression: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2019 , 16, E8	1.6	3
71	Comparison of PED and FRED flow diverters for posterior circulation aneurysms: a propensity score matched cohort study. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, 153-158	7.8	3
70	Reliability of dual- vs single-volume reconstruction of three-dimensional digital subtraction angiography for follow-up evaluation of endovascularly treated intracranial aneurysms. <i>Interventional Neuroradiology</i> , 2016 , 22, 687-692	1.9	2
69	Essential hypertension as a result of neurochemical changes at the rostral ventrolateral medulla. <i>Journal of Clinical Neuroscience</i> , 2013 , 20, 1682-7	2.2	2
68	Cerebrovascular neurosurgery in 2012. <i>Journal of Clinical Neuroscience</i> , 2013 , 20, 776-82	2.2	2
67	Venous ischemia secondary to drainage constriction in a carotid-cavernous arteriovenous fistula. <i>Clinical Neurology and Neurosurgery</i> , 2013 , 115, 1476-8	2	2
66	Cerebrovascular neurosurgery 2014. <i>Journal of Clinical Neuroscience</i> , 2015 , 22, 775-8	2.2	2
65	Interventional treatment of brain ischemia related to intracranial cerebrovascular occlusive lesions. <i>Current Opinion in Neurology</i> , 2014 , 27, 1-7	7.1	2
64	Transient hemifacial sensory loss with xerophthalmia following temporal lobectomy. <i>Canadian Journal of Neurological Sciences</i> , 2000 , 27, 251-3	1	2
63	Effect of cerebrospinal fluid drainage on clinical outcomes following aneurysmal subarachnoid hemorrhage.. <i>Journal of Clinical Neuroscience</i> , 2022 , 97, 1-6	2.2	2
62	Repeat Flow Diversion for Cerebral Aneurysms Failing Prior Flow Diversion: Safety and Feasibility From Multicenter Experience. <i>Stroke</i> , 2021 , STROKEAHA120033555	6.7	2
61	Commentary: Failure of Flow Diverter Therapy: Predictors and Management Strategies. <i>Neurosurgery</i> , 2020 , 86, S74-S75	3.2	2
60	Mechanical thrombectomy beyond the circle of Willis: efficacy and safety of different techniques for M2 occlusions. <i>Journal of NeuroInterventional Surgery</i> , 2021 ,	7.8	2
59	Protocolized Based Management of Cerebrospinal Fluid Drains in Thoracic Endovascular Aortic Aneurysm Repair Procedures. <i>Annals of Vascular Surgery</i> , 2021 , 72, 409-418	1.7	2
58	Acute retinal hemorrhage after Pipeline embolization device placement for treatment of ophthalmic segment aneurysm: A case report. <i>Interventional Neuroradiology</i> , 2018 , 24, 383-386	1.9	2

57	Surgical Resection of a Cavernous Malformation of the Anterior Perforated Substance: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2019 , 17, E64	1.6	1
56	Suction Decompression Assisted Clipping of a Large Middle Cerebral Artery Aneurysm: 2-Dimensional Operative Video. <i>World Neurosurgery: X</i> , 2019 , 2, 100014	2.7	1
55	Distal Parent Vessel Occlusion of 2 Superior Cerebellar Artery Fusiform Aneurysms: Report of 2 Cases and Literature Review. <i>World Neurosurgery: X</i> , 2019 , 3, 100026	2.7	1
54	The Cushing-Dandy conflictThe Dandy family perception of the discord. <i>World Neurosurgery</i> , 2015 , 83, 69-73	2.1	1
53	Flow Diversion Endovascular Treatment Improves Headaches in Patients with Unruptured Intracranial Aneurysms. <i>World Neurosurgery</i> , 2020 , 140, e140-e147	2.1	1
52	In Reply to the Letter to the Editor "Validation of Predictive Scoring System for Ventriculoperitoneal Shunt Insertion After Aneurysmal Subarachnoid Hemorrhage: Statistical and Methodologic Issues". <i>World Neurosurgery</i> , 2018 , 109, 511	2.1	1
51	Ruptured intracranial aneurysms in young adults: seeing the forest for the trees. <i>Clinical Neurology and Neurosurgery</i> , 2013 , 115, 2556	2	1
50	Modified Park Bench Position for Superior Vermian Arteriovenous Malformations and Dural Fistulas. <i>World Neurosurgery</i> , 2017 , 106, 285-290	2.1	1
49	Health-Related Quality-of-Life Outcomes: Comparing Patients With Aneurysmal and Nonaneurysmal Subarachnoid Hemorrhage. <i>Journal of Neuroscience Nursing</i> , 2015 , 47, E2-11	1.5	1
48	Assured Safety Drill With Bi-Stable Bit Retraction Mechanism 2013 ,		1
47	Diagnosis, Perioperative Care, and Remission in Cushing Disease. <i>Neurosurgery Quarterly</i> , 2008 , 18, 153-158		1
46	Arteriovenous Malformations: How We Changed Our Practice 2016 , 157-164		1
45	Aneurysmal subarachnoid hemorrhage in patients with migraine and tension headache: A cohort comparison study. <i>Journal of Clinical Neuroscience</i> , 2020 , 79, 90-94	2.2	1
44	Role of Surgical Intervention for Intracranial Dural Arteriovenous Fistulas With Cortical Venous Drainage in an Endovascular Era: A Case Series. <i>Operative Neurosurgery</i> , 2021 , 20, 364-372	1.6	1
43	Flow Diversion for Intracranial Aneurysm Treatment. <i>Neurosurgery</i> , 2020 , 86, S1-S2	3.2	1
42	Reliability of an Automated Computerized Hematoma Volumetric Analysis Protocol in Patients with Chronic Subdural Hemorrhage. <i>World Neurosurgery</i> , 2021 , 150, e372-e377	2.1	1
41	Evaluation of the utility of early routine computed tomography angiography in subarachnoid hemorrhage patient outcomes. <i>Journal of Clinical Neuroscience</i> , 2021 , 89, 133-138	2.2	1
40	In Reply to "Patients with Multiple Intracranial Aneurysms Presenting Initial Worse Clinical Condition as a Result of a Ruptured Aneurysm". <i>World Neurosurgery</i> , 2016 , 96, 606	2.1	1

39	Implications of the Collar Sign in Incompletely Occluded Aneurysms after Pipeline Embolization Device Implantation: A Follow-Up Study. <i>American Journal of Neuroradiology</i> , 2020 , 41, 482-485	4.4	1
38	A Novel Parameter to Predict Supraclinoid Aneurysm Persistence After Flow Diversion with the Pipeline Embolization Device. <i>World Neurosurgery</i> , 2021 , 145, e216-e223	2.1	1
37	Current Management of Small Unruptured Intracranial Aneurysms in the United States: Results of a National Survey. <i>World Neurosurgery</i> , 2021 , 146, e631-e638	2.1	1
36	Utility of Pipeline embolization device for emergency recanalization of a dissecting carotid tonsillar loop: illustrative cases. <i>Journal of Neurosurgery Case Lessons</i> , 2021 , 1,		1
35	Anesthetic management of unruptured intracranial aneurysms: a qualitative systematic review. <i>Neurosurgical Review</i> , 2021 , 44, 2477-2492	3.9	1
34	Pivotal trial of the Neuroform Atlas stent for treatment of posterior circulation aneurysms: one-year outcomes. <i>Journal of NeuroInterventional Surgery</i> , 2021 ,	7.8	1
33	Tortuosity Index Predicts Early Successful Reperfusion and Affects Functional Status After Thrombectomy for Stroke. <i>World Neurosurgery</i> , 2021 , 152, e1-e10	2.1	1
32	Morphological changes in chronic subdural hematomas following upfront middle meningeal artery embolization: sequence, timing, and association with outcomes. <i>Journal of Neurosurgery</i> , 2021 , 1-14	3.2	1
31	Type I Spinal Arteriovenous Fistula with Ventral Intradural Venous Drainage: A Proposal of a Modified Classification. <i>Journal of Innovative Optical Health Sciences</i> , 2018 , 13, 1048-1052	1.2	0
30	Aneurysms of the external carotid artery and its branch vessels: pooled data analysis and current treatment strategies. <i>Journal of Neurosurgical Sciences</i> , 2020 , 64, 84-96	1.3	0
29	Sodium Variability and Probability of Vasospasm in Patients with Aneurysmal Subarachnoid Hemorrhage. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021 , 31, 106186	2.8	0
28	The Reproducibility of Cerebrovascular Randomized Controlled Trials. <i>World Neurosurgery</i> , 2020 , 140, e46-e52	2.1	0
27	Embryonic periventricular endothelial cells demonstrate a unique pro-neurodevelopment and anti-inflammatory gene signature. <i>Scientific Reports</i> , 2020 , 10, 20393	4.9	0
26	Automated Lateral Ventricular and Cranial Vault Volume Measurements in 13,851 Patients Using Deep Learning Algorithms. <i>World Neurosurgery</i> , 2021 , 148, e363-e373	2.1	0
25	Quantitative Susceptibility Mapping for Staging Acute Cerebral Hemorrhages: Comparing the Conventional and Multiecho Complex Total Field Inversion magnetic resonance imaging MR Methods. <i>Journal of Magnetic Resonance Imaging</i> , 2021 , 54, 1843-1854	5.6	0
24	The use of staples for external ventricular drain catheter fixation: A single-institution experience. <i>Clinical Neurology and Neurosurgery</i> , 2021 , 207, 106761	2	0
23	Endovascular Management of Distal Anterior Cerebral Artery Aneurysms: A Multicenter Retrospective Review. <i>World Neurosurgery</i> , 2021 , 154, e421-e427	2.1	0
22	The Pipeline Embolization Device: a decade of lessons learned in the treatment of posterior circulation aneurysms in a multicenter cohort.. <i>Journal of Neurosurgery</i> , 2022 , 1-8	3.2	0

21	In Reply to the Letter to the Editor "Pharmacy-Mediated Antiplatelet Management Algorithm Surrounding Neurointerventional Stenting and Flow Diversion Procedures". <i>World Neurosurgery</i> , 2017 , 106, 983	2.1
20	Percutaneous Transverse Sinus Cannulation for Dural Arteriovenous Fistula Coiling: Operative Video. <i>World Neurosurgery</i> , 2019 , 127, 335	2.1
19	Commentary: Minimally Invasive Parafascicular Surgery for Resection of Cerebral Cavernous Malformations Utilizing Image-Guided BrainPath System. <i>Operative Neurosurgery</i> , 2019 , 17, E141-E142	1.6
18	In Reply: Effect of Blood Pressure Variability During the Acute Period of Subarachnoid Hemorrhage on Functional Outcomes. <i>Neurosurgery</i> , 2020 , 87, E430-E431	3.2
17	Microsurgical Nuances of Clipping a Large Thrombosed Aneurysm with Intraoperative Dome Incision and Ultrasonic Aspiration. <i>World Neurosurgery</i> , 2020 , 137, 178	2.1
16	Resection of a Midbrain Cavernous Malformation Via Far Posterior Subtemporal Approach to the Dorsolateral Brainstem: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2018 , 15, 352	1.6
15	Dementia resulting from expansion of basilar artery aneurysm: two case reports and a review of the literature. <i>Acta Neurochirurgica</i> , 2016 , 158, 1901-5	3
14	In Reply to the Letter to the Editor Regarding "Safety and Efficacy of Noncompliant Balloon Angioplasty for the Treatment of Subarachnoid Hemorrhage-Induced Vasospasm: A Multicenter Study". <i>World Neurosurgery</i> , 2017 , 105, 1023	2.1
13	Cost-Effectiveness Analytic Comparison of Neuroimaging Follow-Up Strategies After Pipeline Embolization Device Treatment of Unruptured Intracranial Aneurysms. <i>World Neurosurgery</i> , 2021 , 158, e206-e206	2.1
12	Intra-arterial Delivery of Chemotherapeutic Agents 2016 , 299-307	
11	Commentary: Expanding Indications for Flow Diverters: Ruptured Aneurysms, Blister Aneurysms, and Dissecting Aneurysms. <i>Neurosurgery</i> , 2020 , 86, S104-S105	3.2
10	Commentary: Introduction: History and Development of Flow Diverter Technology and Evolution. <i>Neurosurgery</i> , 2020 , 86, S11-S12	3.2
9	Commentary: Overview of Different Flow Diverters and Flow Dynamics. <i>Neurosurgery</i> , 2020 , 86, S35	3.2
8	Commentary: Antiplatelet Therapy in Flow Diversion. <i>Neurosurgery</i> , 2020 , 86, S53-S54	3.2
7	Endovascular Embolization of a Paracavernous Arteriovenous Fistula Through a Cortical Venous Access: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020 , 19, E604	1.6
6	In Reply to the Letter to the Editor Regarding "Middle Meningeal Artery Embolization for Chronic Subdural Hematoma: Meta-Analysis and Systematic Review". <i>World Neurosurgery</i> , 2019 , 124, 482-482	2.1
5	C5-C6 Cervical Spinal Cord Cavernous Malformation Microsurgical Resection: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2019 , 16, E7	1.6
4	Direct Transverse Sinus Cannulation for Coil Embolization of a Transverse-Sigmoid Sinus Dural Arteriovenous Fistula: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021 , 20, E288-E289	1.6

- 3 Longitudinal Cost Profiles of Pipeline Embolization Device Versus Stent-Assisted Coiling in Propensity-Matched Unruptured Small Anterior Circulation Aneurysms. *Neurosurgery*, **2021**, 89, 867-872^{3,2}
- 2 Transvenous Coil Embolization of a Transverse-Sigmoid Sinus Dural Arteriovenous Fistula: 2-Dimensional Operative Video. *Operative Neurosurgery*, **2021**, 20, E290-E291 1.6
- 1 Commentary: Onyx Embolization of Carotid-Cavernous Fistulas and Its Impact on Intraocular Pressure and Recurrence: A Case Series. *Operative Neurosurgery*, **2021**, 20, E251 1.6