

# Demetrius Klee Lopes

## List of Publications by Citations

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181  
papers

12,539  
citations

45  
h-index

111  
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194  
ext. papers

15,161  
ext. citations

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avg, IF

5.77  
L-index

#	Paper	IF	Citations
181	Stent-retriever thrombectomy after intravenous t-PA vs. t-PA alone in stroke. <i>New England Journal of Medicine</i> , <b>2015</b> , 372, 2285-95	59.2	3234
180	Thrombectomy 6 to 24 Hours after Stroke with a Mismatch between Deficit and Infarct. <i>New England Journal of Medicine</i> , <b>2018</b> , 378, 11-21	59.2	2503
179	Pipeline for uncoilable or failed aneurysms: results from a multicenter clinical trial. <i>Radiology</i> , <b>2013</b> , 267, 858-68	20.5	760
178	International retrospective study of the pipeline embolization device: a multicenter aneurysm treatment study. <i>American Journal of Neuroradiology</i> , <b>2015</b> , 36, 108-15	4.4	365
177	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> , <b>2017</b> , 80, 40-48	3.2	234
176	Aspiration Thrombectomy After Intravenous Alteplase Versus Intravenous Alteplase Alone. <i>Stroke</i> , <b>2016</b> , 47, 2331-8	6.7	205
175	Frequency and determinants of postprocedural hemodynamic instability after carotid angioplasty and stenting. <i>Stroke</i> , <b>1999</b> , 30, 2086-93	6.7	202
174	Solitaire <sup>®</sup> with the Intention for Thrombectomy as Primary Endovascular Treatment for Acute Ischemic Stroke (SWIFT PRIME) trial: protocol for a randomized, controlled, multicenter study comparing the Solitaire revascularization device with IV tPA with IV tPA alone in acute ischemic stroke. <i>International Journal of Stroke</i> , <b>2015</b> , 10, 439-48	6.3	195
173	Imaging features and safety and efficacy of endovascular stroke treatment: a meta-analysis of individual patient-level data. <i>Lancet Neurology</i> , <i>The</i> , <b>2018</b> , 17, 895-904	24.1	179
172	Aggressive mechanical clot disruption and low-dose intra-arterial third-generation thrombolytic agent for ischemic stroke: a prospective study. <i>Neurosurgery</i> , <b>2002</b> , 51, 1319-27; discussion 1327-9	3.2	171
171	Penumbra imaging and functional outcome in patients with anterior circulation ischaemic stroke treated with endovascular thrombectomy versus medical therapy: a meta-analysis of individual patient-level data. <i>Lancet Neurology</i> , <i>The</i> , <b>2019</b> , 18, 46-55	24.1	156
170	Pipeline for uncoilable or failed aneurysms: 3-year follow-up results. <i>Journal of Neurosurgery</i> , <b>2017</b> , 127, 81-88	3.2	129
169	Transfer delay is a major factor limiting the use of intra-arterial treatment in acute ischemic stroke. <i>Stroke</i> , <b>2011</b> , 42, 1626-30	6.7	126
168	Safety and efficacy of the Pipeline embolization device for treatment of intracranial aneurysms: a pooled analysis of 3 large studies. <i>Journal of Neurosurgery</i> , <b>2017</b> , 127, 775-780	3.2	122
167	Aneurysm Study of Pipeline in an Observational Registry (ASPIRe). <i>Interventional Neurology</i> , <b>2016</b> , 5, 89-99	3	122
166	Diffusion-weighted imaging or computerized tomography perfusion assessment with clinical mismatch in the triage of wake up and late presenting strokes undergoing neurointervention with Trevo (DAWN) trial methods. <i>International Journal of Stroke</i> , <b>2017</b> , 12, 641-652	6.3	119
165	Prevalence and risk factors for aspirin and clopidogrel resistance in cerebrovascular stenting. <i>American Journal of Neuroradiology</i> , <b>2008</b> , 29, 281-5	4.4	117

164	Thromboembolic complications with Pipeline Embolization Device placement: impact of procedure time, number of stents and pre-procedure P2Y12 reaction unit (PRU) value. <i>Journal of NeuroInterventional Surgery</i> , <b>2015</b> , 7, 217-21	7.8	114
163	Ischemic core and hypoperfusion volumes predict infarct size in SWIFT PRIME. <i>Annals of Neurology</i> , <b>2016</b> , 79, 76-89	9.4	114
162	Histological postmortem study of an internal carotid artery aneurysm treated with the Neuroform stent. <i>Neurosurgery</i> , <b>2005</b> , 56, E416; discussion E416	3.2	113
161	Intra-arterial third-generation recombinant tissue plasminogen activator (reteplase) for acute ischemic stroke. <i>Neurosurgery</i> , <b>2001</b> , 49, 41-8; discussion 48-50	3.2	104
160	Stent-assisted coiling versus coiling alone in unruptured intracranial aneurysms in the matrix and platinum science trial: safety, efficacy, and mid-term outcomes. <i>American Journal of Neuroradiology</i> , <b>2014</b> , 35, 698-705	4.4	102
159	Percutaneous transluminal angioplasty and stent placement for recurrent carotid artery stenosis. <i>Journal of Neurosurgery</i> , <b>1999</b> , 90, 688-94	3.2	96
158	Utilization of Pipeline embolization device for treatment of ruptured intracranial aneurysms: US multicenter experience. <i>Journal of NeuroInterventional Surgery</i> , <b>2015</b> , 7, 808-15	7.8	95
157	Delayed aneurysm regrowth and recanalization after Guglielmi detachable coil treatment. Case report. <i>Journal of Neurosurgery</i> , <b>1998</b> , 89, 142-5	3.2	83
156	Cost-Effectiveness of Solitaire Stent Retriever Thrombectomy for Acute Ischemic Stroke: Results From the SWIFT-PRIME Trial (Solitaire With the Intention for Thrombectomy as Primary Endovascular Treatment for Acute Ischemic Stroke). <i>Stroke</i> , <b>2017</b> , 48, 379-387	6.7	80
155	Treatment of blood blister aneurysms of the internal carotid artery with flow diversion. <i>Journal of NeuroInterventional Surgery</i> , <b>2018</b> , 10, 1074-1078	7.8	80
154	Carotid artery angioplasty and use of stents in high-risk patients with contralateral occlusions. <i>Journal of Neurosurgery</i> , <b>1999</b> , 90, 1031-6	3.2	80
153	Prospective study on embolization of intracranial aneurysms with the pipeline device: the PREMIER study 1 year results. <i>Journal of NeuroInterventional Surgery</i> , <b>2020</b> , 12, 62-66	7.8	80
152	Feasibility and safety of pipeline embolization device in patients with ruptured carotid blister aneurysms. <i>Neurosurgery</i> , <b>2014</b> , 75, 419-29; discussion 429	3.2	76
151	The Pipeline Embolization Device for the treatment of posterior circulation fusiform aneurysms: lessons learned at a single institution. <i>Journal of Neurosurgery</i> , <b>2014</b> , 121, 1077-84	3.2	76
150	Treatment of Distal Anterior Circulation Aneurysms With the Pipeline Embolization Device: A US Multicenter Experience. <i>Neurosurgery</i> , <b>2016</b> , 79, 14-22	3.2	74
149	Fate of branch arteries after intracranial stenting. <i>Neurosurgery</i> , <b>2003</b> , 52, 1275-8; discussion 1278-9	3.2	72
148	Eyebrow incision for combined orbital osteotomy and supraorbital minicraniotomy: application to aneurysms of the anterior circulation. Technical note. <i>Journal of Neurosurgery</i> , <b>2001</b> , 95, 714-8	3.2	70
147	Risk Factors for Ischemic Complications following Pipeline Embolization Device Treatment of Intracranial Aneurysms: Results from the IntraPED Study. <i>American Journal of Neuroradiology</i> , <b>2016</b> , 37, 1673-8	4.4	64

146	Results of the ANSWER Trial Using the PulseRider for the Treatment of Broad-Necked, Bifurcation Aneurysms. <i>Neurosurgery</i> , <b>2017</b> , 81, 56-65	3.2	63
145	Defining the risk of retreatment for aneurysm recurrence or residual after initial treatment by endovascular coiling: a multicenter study. <i>Neurosurgery</i> , <b>2009</b> , 65, 311-5; discussion 315	3.2	63
144	Y-stent-assisted coil embolization of cerebral aneurysms. <i>Neurosurgical Focus</i> , <b>2014</b> , 37, 1	4.2	60
143	Safety and Efficacy of a 3-Dimensional Stent Retriever With Aspiration-Based Thrombectomy vs Aspiration-Based Thrombectomy Alone in Acute Ischemic Stroke Intervention: A Randomized Clinical Trial. <i>JAMA Neurology</i> , <b>2018</b> , 75, 304-311	17.2	59
142	Association of follow-up infarct volume with functional outcome in acute ischemic stroke: a pooled analysis of seven randomized trials. <i>Journal of NeuroInterventional Surgery</i> , <b>2018</b> , 10, 1137-1142	7.8	54
141	Solitaire Flow Restoration thrombectomy for acute ischemic stroke: retrospective multicenter analysis of early postmarket experience after FDA approval. <i>Neurosurgery</i> , <b>2013</b> , 73, 19-25; discussion 25-6	3.2	52
140	A grading scale to predict outcomes after intra-arterial thrombolysis for stroke complicated by contrast extravasation. <i>Neurosurgery</i> , <b>2000</b> , 46, 1307-14; discussion 1314-5	3.2	51
139	The utility of quantitative magnetic resonance angiography in the assessment of intracranial in-stent stenosis. <i>Stroke</i> , <b>2009</b> , 40, 991-3	6.7	47
138	Treatment of wide-necked cerebral aneurysms with the Neuroform2 Treo stent. A prospective 6-month study. <i>Neurosurgical Focus</i> , <b>2005</b> , 18, E4	4.2	47
137	Stent placement for the treatment of occlusive atherosclerotic carotid artery disease in patients with concomitant coronary artery disease. <i>Journal of Neurosurgery</i> , <b>2002</b> , 96, 490-6	3.2	47
136	Gender differences in cerebral aneurysm location. <i>Frontiers in Neurology</i> , <b>2012</b> , 3, 78	4.1	45
135	Angiographic quantification of contrast medium washout from cerebral aneurysms after stent placement. <i>American Journal of Neuroradiology</i> , <b>2002</b> , 23, 1214-21	4.4	45
134	Analysis of neointima development in flow diverters using optical coherence tomography imaging. <i>Journal of NeuroInterventional Surgery</i> , <b>2018</b> , 10, 162-167	7.8	44
133	Treatment of a middle cerebral artery bifurcation aneurysm using a double neuroform stent "Y" configuration and coil embolization: technical case report. <i>Operative Neurosurgery</i> , <b>2005</b> , 57, E209; discussion E209	1.6	42
132	Mediation of the Relationship Between Endovascular Therapy and Functional Outcome by Follow-up Infarct Volume in Patients With Acute Ischemic Stroke. <i>JAMA Neurology</i> , <b>2019</b> , 76, 194-202	17.2	41
131	Neuroophthalmological outcomes associated with use of the Pipeline Embolization Device: analysis of the PUFs trial results. <i>Journal of Neurosurgery</i> , <b>2015</b> , 123, 897-905	3.2	40
130	Endovascular treatment of acute ischemic stroke: the end or just the beginning?. <i>Neurosurgical Focus</i> , <b>2014</b> , 36, E5	4.2	35
129	Massive cerebral involvement in fat embolism syndrome and intracranial pressure management. <i>Journal of Neurosurgery</i> , <b>2013</b> , 119, 1263-70	3.2	34

128	Long-term radiographic results of stent-assisted embolization of cerebral aneurysms. <i>Neurosurgery</i> , <b>2014</b> , 74, 286-91	3.2	32
127	The safety and effectiveness of the LVIS stent system for the treatment of wide-necked cerebral aneurysms: final results of the pivotal US LVIS trial. <i>Journal of NeuroInterventional Surgery</i> , <b>2019</b> , 11, 357-361	7.8	31
126	Stent-assisted embolization of 100 middle cerebral artery aneurysms. <i>Journal of Neurosurgery</i> , <b>2013</b> , 118, 950-5	3.2	30
125	Evaluation of cerebral artery perforators and the pipeline embolization device using optical coherence tomography. <i>Journal of NeuroInterventional Surgery</i> , <b>2012</b> , 4, 291-4	7.8	30
124	Glucose Modifies the Effect of Endovascular Thrombectomy in Patients With Acute Stroke. <i>Stroke</i> , <b>2019</b> , 50, 690-696	6.7	30
123	Treatment of wide-necked aneurysms with the Low-profile Visualized Intraluminal Support (LVIS Jr) device: a multicenter experience. <i>Journal of NeuroInterventional Surgery</i> , <b>2017</b> , 9, 1098-1102	7.8	29
122	Endovascular treatment of cerebral venous thrombosis: Contemporary multicenter experience. <i>Interventional Neuroradiology</i> , <b>2015</b> , 21, 520-6	1.9	29
121	Impact of Thrombus Length on Outcomes After Intra-Arterial Aspiration Thrombectomy in the THERAPY Trial. <i>Stroke</i> , <b>2017</b> , 48, 1895-1900	6.7	28
120	A comparison between the new Low-profile Visualized Intraluminal Support (LVIS Blue) stent and the Flow Redirection Endoluminal Device (FRED) in bench-top and cadaver studies. <i>Journal of NeuroInterventional Surgery</i> , <b>2018</b> , 10, 274-278	7.8	28
119	Morbidity and Mortality in Patients With Posterior Circulation Aneurysms Treated With the Pipeline Embolization Device: A Subgroup Analysis of the International Retrospective Study of the Pipeline Embolization Device. <i>Neurosurgery</i> , <b>2018</b> , 83, 488-500	3.2	26
118	Use of flow-diverting stents as salvage treatment following failed stent-assisted embolization of intracranial aneurysms. <i>Journal of NeuroInterventional Surgery</i> , <b>2016</b> , 8, 692-5	7.8	26
117	Stent assisted embolization of 64 anterior communicating artery aneurysms. <i>Journal of NeuroInterventional Surgery</i> , <b>2013</b> , 5 Suppl 3, iii62-5	7.8	26
116	Intravascular Optical Coherence Tomography for Neurointerventional Surgery. <i>Stroke</i> , <b>2018</b> , STROKEAHA.118020315	6.7	25
115	Arteriovenous malformation embocure score: AVMES. <i>Journal of NeuroInterventional Surgery</i> , <b>2016</b> , 8, 685-91	7.8	25
114	Postoperative hypotension after carotid angioplasty and stenting: report of three cases. <i>Neurosurgery</i> , <b>1999</b> , 44, 1320-3; discussion 1324	3.2	25
113	Successful mechanical thrombectomy in a 2-year-old male through a 4-French guide catheter. <i>Neurointervention</i> , <b>2014</b> , 9, 94-100	1.4	25
112	CNS/AANS Subspecialty Fellowship Directory. <i>Neurosurgery</i> , <b>1999</b> , 44, 1320-1323	3.2	24
111	Complication analysis in nitinol stent-assisted embolization of 486 intracranial aneurysms. <i>Journal of Neurosurgery</i> , <b>2015</b> , 123, 453-9	3.2	22

110	Preliminary outcomes of single antiplatelet therapy for surface-modified flow diverters in an animal model: analysis of neointimal development and thrombus formation using OCT. <i>Journal of NeuroInterventional Surgery</i> , <b>2019</b> , 11, 74-79	7.8	22
109	High-dose intra-arterial nicardipine results in hypotension following vasospasm treatment in subarachnoid hemorrhage. <i>Neurocritical Care</i> , <b>2011</b> , 15, 400-4	3.3	22
108	Does angiographic surveillance pose a risk in the management of coiled intracranial aneurysms? A multicenter study of 2243 patients. <i>Neurosurgery</i> , <b>2008</b> , 63, 845-9; discussion 849	3.2	22
107	Compression of thoracic nerve root by a facet joint synovial cyst: case report. <i>World Neurosurgery</i> , <b>1992</b> , 38, 338-40		21
106	Mobile Real-time Tracking of Acute Stroke Patients and Instant, Secure Inter-team Communication - the Join App. <i>Neurointervention</i> , <b>2017</b> , 12, 69-76	1.4	21
105	An Onyx tunnel: reconstructive transvenous balloon-assisted Onyx embolization for dural arteriovenous fistula of the transverse-sigmoid sinus. <i>Journal of Neurosurgery</i> , <b>2018</b> , 129, 922-927	3.2	21
104	Treatment of a ruptured vertebrobasilar fusiform aneurysm using pipeline embolization device. <i>Journal of Cerebrovascular and Endovascular Neurosurgery</i> , <b>2013</b> , 15, 30-3	0.7	20
103	The fate of cranial neuropathy after flow diversion for carotid aneurysms. <i>Journal of Neurosurgery</i> , <b>2016</b> , 124, 1107-13	3.2	19
102	Evaluation of a metal artifacts reduction algorithm applied to postinterventional flat panel detector CT imaging. <i>American Journal of Neuroradiology</i> , <b>2014</b> , 35, 2164-9	4.4	19
101	Improved cerebral perfusion after stenting of a petrous carotid stenosis: technical case report. <i>Neurosurgery</i> , <b>1999</b> , 45, 638-42	3.2	19
100	Frameless neuronavigation based only on 3D digital subtraction angiography using surface-based facial registration. <i>Journal of Neurosurgery</i> , <b>2014</b> , 121, 745-50	3.2	16
99	Initial Experience with Neuroform EZ in the Treatment of Wide-neck Cerebral Aneurysms. <i>Neurointervention</i> , <b>2012</b> , 7, 34-9	1.4	16
98	Pivotal Trial of the Neuroform Atlas Stent for Treatment of Anterior Circulation Aneurysms: One-Year Outcomes. <i>Stroke</i> , <b>2020</b> , 51, 2087-2094	6.7	15
97	A neurovascular high-frequency optical coherence tomography system enables in situ cerebrovascular volumetric microscopy. <i>Nature Communications</i> , <b>2020</b> , 11, 3851	17.4	14
96	Clinical and Angiographic Results of Dilatation Procedures for Symptomatic Intracranial Atherosclerotic Disease. <i>Journal of Neuroimaging</i> , <b>2005</b> , 15, 240-249	2.8	13
95	Outcome following intracranial hemorrhage associated with novel oral anticoagulants. <i>Journal of Clinical Neuroscience</i> , <b>2015</b> , 22, 212-5	2.2	12
94	Minimally invasive evacuation of intraventricular hemorrhage with the Apollo vibration/suction device. <i>Journal of Clinical Neuroscience</i> , <b>2016</b> , 27, 53-8	2.2	12
93	Progressive deconstruction: a novel aneurysm treatment using the pipeline embolization device for competitive flow diversion: case report. <i>Operative Neurosurgery</i> , <b>2014</b> , 10 Suppl 1, E161-6; discussion E166	1.6	12



92	Stent remodeling technique for coiling of ruptured wide-neck cerebral aneurysms: case report. <i>Neurosurgery</i> , <b>2009</b> , 65, E1007-8; discussion E1008	3.2	12
91	First Human Evaluation of Endothelial Healing after a Pipeline Flex Embolization Device with Shield Technology Implanted in Posterior Circulation Using Optical Coherence Tomography. <i>Neurointervention</i> , <b>2018</b> , 13, 129-132	1.4	12
90	Multicenter Study of Pipeline Flex for Intracranial Aneurysms. <i>Neurosurgery</i> , <b>2019</b> , 84, E402-E409	3.2	12
89	Hemodynamic changes following wingspan stent placement--a quantitative magnetic resonance angiography study. <i>Journal of Neuroimaging</i> , <b>2011</b> , 21, e109-13	2.8	11
88	Midcervical postinfectious ligamentous instability: a variant of Grisel's syndrome. <i>Pediatric Neurosurgery</i> , <b>1998</b> , 29, 133-7	0.9	11
87	Novel balloon-and-aspiration method for cerebral venous sinus thrombosis: dental-floss technique. <i>Neurosurgical Focus</i> , <b>2017</b> , 42, E19	4.2	10
86	Onyx embolization of arteriovenous malformations using 2 microcatheters. <i>Neurosurgery</i> , <b>2010</b> , 66, 616-8; discussion 618-9	3.2	10
85	Pseudo-subarachnoid hemorrhage in cerebellar infarction. <i>Neurocritical Care</i> , <b>2007</b> , 7, 172-4	3.3	10
84	Current techniques for endovascular treatment of intracranial aneurysms. <i>Seminars in Cerebrovascular Diseases and Stroke</i> , <b>2001</b> , 1, 39-51		10
83	A new low-profile visualized intraluminal support (LVIS) device, LVIS Blue: laboratory comparison between old and new LVIS. <i>Neurological Research</i> , <b>2018</b> , 40, 78-85	2.7	10
82	Utility of a Y-configured stentriever technique as a rescue method of thrombectomy for an intractable rooted thrombus located on the middle cerebral artery bifurcation: technical note. <i>Neurosurgical Focus</i> , <b>2017</b> , 42, E17	4.2	9
81	Current utility of diagnostic catheter cerebral angiography. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2014</b> , 23, e145-50	2.8	9
80	Endovascular treatment of intracranial aneurysms and vasospasm after aneurysmal subarachnoid hemorrhage. <i>Neurosurgery Clinics of North America</i> , <b>2005</b> , 16, 317-53, ix	4	9
79	Performance of magnetic field-guided navigation system for interventional neurosurgical and cardiac procedures. <i>Journal of Applied Clinical Medical Physics</i> , <b>2005</b> , 6, 143-149	2.3	9
78	Persistent aneurysm growth following pipeline embolization device assisted coiling of a fusiform vertebral artery aneurysm: a word of caution!. <i>Neurointervention</i> , <b>2015</b> , 10, 28-33	1.4	9
77	Optical coherence tomography: Translation from 3D-printed vascular models of the anterior cerebral circulation to the first human images of implanted surface modified flow diverters. <i>Interventional Neuroradiology</i> , <b>2019</b> , 25, 150-156	1.9	9
76	High cervical spinal subdural hemorrhage as a harbinger of craniocervical arteriovenous fistula: an unusual clinical presentation. <i>Spine Journal</i> , <b>2015</b> , 15, e13-7	4	8
75	The "Spot Sign" secondary to a ruptured lenticulostriate artery aneurysm. <i>Clinical Imaging</i> , <b>2014</b> , 38, 508-509	2.7	8

74	Geographic Differences in Endovascular Treatment and Retreatment of Cerebral Aneurysms. <i>American Journal of Neuroradiology</i> , <b>2016</b> , 37, 2055-2059	4.4	7
73	Delayed Vascular Claudication Following Diagnostic Cerebral Angiography: A Rare Complication of the AngioSeal Arteriotomy Closure Device. <i>Journal of Cerebrovascular and Endovascular Neurosurgery</i> , <b>2014</b> , 16, 275-80	0.7	7
72	Symptomatic Cerebral Air Embolism During Stent-assisted Coiling of an Unruptured Middle Cerebral Artery Aneurysm: Intraoperative Diagnosis and Management of a Rare Complication. <i>Journal of Cerebrovascular and Endovascular Neurosurgery</i> , <b>2014</b> , 16, 93-7	0.7	7
71	Moyamoya syndrome in an adult with essential thrombocythemia. <i>Neurology International</i> , <b>2011</b> , 3, e3	1.2	7
70	Use of a craniofacial miniplate for internal fixation in a young child with cervical instability. Case report. <i>Journal of Neurosurgery: Spine</i> , <b>2001</b> , 95, 128-31	2.8	7
69	Software-based simulation for preprocedural assessment of braided stent sizing: a validation study. <i>Journal of Neurosurgery</i> , <b>2018</b> , 1-7	3.2	7
68	Flow Diversion for Treatment of Intracranial Aneurysms in Pediatric Patients: Multicenter Case Series. <i>Neurosurgery</i> , <b>2020</b> , 87, 53-62	3.2	7
67	Sphenoid wing sarcoidosis. Case illustration. <i>Journal of Neurosurgery</i> , <b>2001</b> , 94, 849	3.2	6
66	Cavernous sinus syndrome during balloon test occlusion of the cervical internal carotid artery. Report of two cases. <i>Journal of Neurosurgery</i> , <b>1998</b> , 89, 667-70	3.2	6
65	Clinical and angiographic results of dilatation procedures for symptomatic intracranial atherosclerotic disease <b>2005</b> , 15, 240-9		6
64	Healthy Life-Year Costs of Treatment Speed From Arrival to Endovascular Thrombectomy in Patients With Ischemic Stroke: A Meta-analysis of Individual Patient Data From 7 Randomized Clinical Trials. <i>JAMA Neurology</i> , <b>2021</b> , 78, 709-717	17.2	6
63	Endovascular Recanalization of Symptomatic Intracranial Arterial Stenosis Despite Aggressive Medical Management. <i>World Neurosurgery</i> , <b>2019</b> , 123, e693-e699	2.1	5
62	"Contrast-less" stent-assisted coiling of an A1 aneurysm. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2014</b> , 23, 2283-6	2.8	5
61	Partial Thrombosis of Canine Carotid Bifurcation Aneurysms with Cellulose Acetate Polymer. <i>Neurosurgery</i> , <b>1998</b> , 42, 1142-1143	3.2	5
60	Ultrasound-guided posterolateral approach for midline calcified thoracic disc herniation. <i>Journal of Korean Neurosurgical Society</i> , <b>2014</b> , 55, 383-6	2.3	5
59	Aneurysm coil embolization using a 1.5-fr distal outer diameter microcatheter. <i>Neurointervention</i> , <b>2014</b> , 9, 39-44	1.4	5
58	Monoplane 3D Overlay Roadmap versus Conventional Biplane 2D Roadmap Technique for Neurointerventional Procedures. <i>Neurointervention</i> , <b>2016</b> , 11, 105-13	1.4	5
57	2D Parametric Parenchymal Blood Flow as a Predictor of the Hemorrhagic Events after Endovascular Treatment of Acute Ischemic Stroke: A Single-Center Retrospective Study. <i>Interventional Neurology</i> , <b>2018</b> , 7, 522-532	3	5



56	Recovery of pituitary function following treatment of an unruptured giant cavernous carotid aneurysm using Surpass flow-diverting stents. <i>Journal of NeuroInterventional Surgery</i> , <b>2015</b> , 7, e20	7.8	4
55	Recanalization of acute carotid stent occlusion using Penumbra 4Max aspiration catheter: technical report and review of rescue strategies for acute carotid stent occlusion. <i>Journal of NeuroInterventional Surgery</i> , <b>2014</b> , 6, e42	7.8	4
54	Double wire technique for stenting tortuous cerebral vessels. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2012</b> , 21, 905.e7-10	2.8	4
53	Intervention for intracranial atherosclerosis after SAMMPRIS. <i>World Neurosurgery</i> , <b>2012</b> , 78, 409-12	2.1	4
52	Use of intracranial stenting to secure unstable liquid embolic casts in wide-neck sidewall intracranial aneurysms. <i>Operative Neurosurgery</i> , <b>2010</b> , 66, 92-7; discussion 97-8	1.6	4
51	Optical coherence tomography for elucidation of flow-diversion phenomena: The concept of endothelialized mural thrombus behind reversible in-stent stenosis in flow-diverters. <i>Interventional Neuroradiology</i> , <b>2021</b> , 27, 774-780	1.9	4
50	Assessment of human placenta as an ex-vivo vascular model for testing of liquid embolic agent injections with adjunctive techniques. <i>Journal of NeuroInterventional Surgery</i> , <b>2018</b> , 10, 892-895	7.8	3
49	Histopathologic description of Wingspan stent in acute ischemic stroke. <i>Neurocritical Care</i> , <b>2009</b> , 11, 377-80	3.3	3
48	Compressive cervical myelopathy secondary to totally extradural spinal arteriovenous fistula. <i>Neurology India</i> , <b>2015</b> , 63, 790-2	0.7	3
47	Manual Aspiration Technique to Retrieve a Prematurely Detached Coil during Cerebral Aneurysm Embolization. <i>Neurointervention</i> , <b>2014</b> , 9, 21-5	1.4	3
46	Progressive Deconstruction of a Distal Posterior Cerebral Artery Aneurysm Using Competitive Flow Diversion. <i>Neurointervention</i> , <b>2016</b> , 11, 46-9	1.4	3
45	Evaluation of the Intracranial Flow Alteration during Manual Syringe and Continuous Pump Aspiration. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2019</b> , 28, 2574-2579	2.8	2
44	Surgical management of malignant cerebral edema secondary to immune reconstitution inflammatory syndrome from natalizumab-associated progressive multifocal encephalopathy. <i>Journal of Clinical Neuroscience</i> , <b>2015</b> , 22, 1669-71	2.2	2
43	Venous sinus manometry and intervention using the PrimeWire Prestige pressure guidewire: technique and initial experience. <i>Journal of NeuroInterventional Surgery</i> , <b>2013</b> , 5, 458-60	7.8	2
42	Factors Affecting the Degree of Angular Remodeling in Stent-Assisted Coiling of Bifurcation Aneurysms. <i>Interventional Neurology</i> , <b>2020</b> , 8, 220-230	3	2
41	Combined Transarterial and Transvenous Onyx Embolization of Jugular Foramen Paragangliomas. <i>World Neurosurgery</i> , <b>2020</b> , 136, 178-183	2.1	1
40	Giant vein of Galen malformation in an adult. <i>Radiology Case Reports</i> , <b>2017</b> , 12, 585-589	1	1
39	The "OK" sign: an unusual angiographic appearance of basilar artery fenestration. <i>Archives of Neurology</i> , <b>2008</b> , 65, 836		1

38	Stent-assisted coil embolization of MCA aneurysm via a trans-posterior communicating artery access. <i>Neurosurgical Focus</i> , <b>2019</b> , 46, V3	4.2	1
37	Stent-Assisted Coil Embolization <b>2019</b> , 187-205		1
36	In Reply: Dismantling the Apocalypse Narrative: The Myth of the COVID-19 Stroke. <i>Neurosurgery</i> , <b>2021</b> , 88, E277-E280	3.2	1
35	Transvenous arteriovenous malformation embolization. <i>Journal of NeuroInterventional Surgery</i> , <b>2020</b> , 12, 332	7.8	1
34	Impact and prevention of errors in endovascular treatment of unruptured intracranial aneurysms. <i>Interventional Neuroradiology</i> , <b>2020</b> , 26, 575-581	1.9	1
33	In Reply: May Cooler Heads Prevail During a Pandemic: Stroke in COVID-19 Patients or COVID-19 in Stroke Patients?. <i>Neurosurgery</i> , <b>2020</b> , 87, E691-E693	3.2	1
32	Crossing the Carotid Siphon: Techniques to Facilitate Distal Access in Tortuous Anatomy: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , <b>2021</b> , 21, E41-E42	1.6	1
31	Carotid In-Stent Stenosis: Cutting Balloon Angioplasty: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , <b>2021</b> , 21, E240-E241	1.6	1
30	Transvenous Onyx Embolization of Carotid-Cavernous Fistulas: Mid- and Long-Term Outcomes. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , <b>2021</b> , 82, e278-e284	1.5	1
29	Endovascular Treatment of Aneurysms Using Flow-Diversion Embolization: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , <b>2021</b> , 20, E284-E285	1.6	1
28	Management of Thromboembolic Complications During Aneurysm Coiling: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , <b>2021</b> , 20, E348-E349	1.6	1
27	Pivotal trial of the Neuroform Atlas stent for treatment of posterior circulation aneurysms: one-year outcomes. <i>Journal of NeuroInterventional Surgery</i> , <b>2021</b> ,	7.8	1
26	Automated Final Lesion Segmentation in Posterior Circulation Acute Ischemic Stroke Using Deep Learning. <i>Diagnostics</i> , <b>2021</b> , 11,	3.8	1
25	Objective Assessment of Arterial Steal Phenomenon in Direct Carotid Cavernous Fistula Using 2D Parametric Parenchymal Blood Flow Analysis. <i>Neurointervention</i> , <b>2019</b> , 14, 63-67	1.4	0
24	Intracranial Stenting: Angioplasty Basic Technique, Indications, and Sizing: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , <b>2021</b> , 21, E115-E116	1.6	0
23	Introduction: New techniques and technologies in the management of ischemic stroke. <i>Neurosurgical Focus</i> , <b>2017</b> , 42, E1	4.2	
22	Distal Access to Wide-Necked Aneurysms-Around the WorldPTechnique: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , <b>2020</b> , 20, E39-E40	1.6	
21	Transarterial Embolization of a Transverse Sinus Dural Arteriovenous Fistula: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , <b>2020</b> , 20, E41-E42	1.6	

20	Arteriovenous malformation embocure score (AVMES): reply. <i>Journal of NeuroInterventional Surgery</i> , <b>2017</b> , 9, e13-e14	7.8
19	Ventriculoperitoneal shunt in a patient with ruptured blister aneurysm treated with pipeline embolization device. <i>Journal of Cerebrovascular and Endovascular Neurosurgery</i> , <b>2015</b> , 17, 54-8	0.7
18	Endovascular repair of a double-lumen dissecting aneurysm. <i>Journal of NeuroInterventional Surgery</i> , <b>2014</b> , 6, e29	7.8
17	Long-Term Follow-Up of Quality of Life after Gamma Knife Radiosurgery Treatment for Arteriovenous Malformations <b>2006</b> , 6, 211-220	
16	Percutaneous transluminal angioplasty and stenting for recurrent carotid artery stenosis. <i>Neurosurgical Focus</i> , <b>1998</b> , 5, E7	4.2
15	Endovascular Coil Embolization of a Posterior Communicating Artery Aneurysm: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , <b>2020</b> , 19, E597-E598	1.6
14	Co-registration of Intravascular Ultrasound With Angiographic Imaging for Carotid Artery Disease. <i>World Neurosurgery</i> , <b>2020</b> , 143, 325-331	2.1
13	Intraventricular Hemorrhage: A Rare Complication Secondary to Traumatic Lumbar Puncture. <i>Journal of Innovative Optical Health Sciences</i> , <b>2018</b> , 13, 198-199	1.2
12	Outcomes of Endovascular Treatment of Intracranial Aneurysms at Bifurcation Sites. <i>World Journal of Neuroscience</i> , <b>2018</b> , 08, 432-443	0.4
11	Neuro-endovascular Embolic Agent for Treatment of a Renal Arteriovenous Fistula. <i>AIMS Medical Science</i> , <b>2016</b> , 3, 96-102	0.4
10	Carotid Stenting: Flow Reversal Technique: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , <b>2021</b> , 21, E111-E112	1.6
9	Middle Cerebral Artery Thrombectomy: Clinical Findings and Technical Pearls: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , <b>2021</b> , 21, E107-E108	1.6
8	Endovascular Treatment of Basilar Bifurcation Aneurysms With PulseRider-Assisted Coiling: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , <b>2021</b> , 21, E109-E110	1.6
7	Intracranial Access: Dural Venous Sinus Stenting: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , <b>2021</b> , 21, E113-E114	1.6
6	Management of Mobile Thrombus With Distal Protection Devices During Carotid Artery Angioplasty: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , <b>2021</b> , 21, E242-E243	1.6
5	Neuroendovascular Management of Acute Ischemic Basilar Strokes: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , <b>2021</b> , 21, E346-E347	1.6
4	Ulnar Artery Access: A Nontraditional Access Site for Diagnostic Cerebral Angiography and Neurointervention: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , <b>2021</b> , 21, E350-E352	1.6
3	Aspiration Thrombectomy: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , <b>2021</b> , 20, E286-E287	1.6

2	The Role of Angioplasty Alone in Intracranial Atherosclerosis: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , <b>2021</b> , 20, E350-E351	1.6
1	Mechanical Thrombectomy of Carotid Terminus Occlusion Using Direct Aspiration Technique-Video Illustration: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , <b>2021</b> , 21, E441-E442	1.6