

Demetrius Klee Lopes

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

181
papers

12,539
citations

45
h-index

111
g-index

194
ext. papers

15,161
ext. citations

4.7
avg, IF

5.77
L-index

#	Paper	IF	Citations
181	In Reply: Dismantling the Apocalypse Narrative: The Myth of the COVID-19 Stroke. <i>Neurosurgery</i> , 2021 , 88, E277-E280	3.2	1
180	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> , 2021 , 27, 774-780	1.9	4
179	Crossing the Carotid Siphon: Techniques to Facilitate Distal Access in Tortuous Anatomy: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021 , 21, E41-E42	1.6	1
178	Carotid Stenting: Flow Reversal Technique: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021 , 21, E111-E112	1.6	
177	Middle Cerebral Artery Thrombectomy: Clinical Findings and Technical Pearls: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021 , 21, E107-E108	1.6	
176	Endovascular Treatment of Basilar Bifurcation Aneurysms With PulseRider-Assisted Coiling: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021 , 21, E109-E110	1.6	
175	Intracranial Access: Dural Venous Sinus Stenting: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021 , 21, E113-E114	1.6	
174	Intracranial Stenting: Angioplasty Basic Technique, Indications, and Sizing: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021 , 21, E115-E116	1.6	0
173	Management of Mobile Thrombus With Distal Protection Devices During Carotid Artery Angioplasty: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021 , 21, E242-E243	1.6	
172	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> , 2021 , 78, 709-717	17.2	6
171	Neuroendovascular Management of Acute Ischemic Basilar Strokes: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021 , 21, E346-E347	1.6	
170	Carotid In-Stent Stenosis: Cutting Balloon Angioplasty: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021 , 21, E240-E241	1.6	1
169	Ulnar Artery Access: A Nontraditional Access Site for Diagnostic Cerebral Angiography and Neurointervention: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021 , 21, E350-E352	1.6	
168	Transvenous Onyx Embolization of Carotid-Cavernous Fistulas: Mid- and Long-Term Outcomes. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2021 , 82, e278-e284	1.5	1
167	Endovascular Treatment of Aneurysms Using Flow-Diversion Embolization: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021 , 20, E284-E285	1.6	1
166	Aspiration Thrombectomy: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021 , 20, E286-E287	1.6	1
165	Management of Thromboembolic Complications During Aneurysm Coiling: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021 , 20, E348-E349	1.6	1

164	The Role of Angioplasty Alone in Intracranial Atherosclerosis: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021 , 20, E350-E351	1.6	
163	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
162	Mechanical Thrombectomy of Carotid Terminus Occlusion Using Direct Aspiration Technique-Video Illustration: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021 , 21, E441-E442	1.6	
161	Automated Final Lesion Segmentation in Posterior Circulation Acute Ischemic Stroke Using Deep Learning. <i>Diagnostics</i> , 2021 , 11,	3.8	1
160	Distal Access to Wide-Necked Aneurysms-Around the WorldPTechnique: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020 , 20, E39-E40	1.6	
159	Transarterial Embolization of a Transverse Sinus Dural Arteriovenous Fistula: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020 , 20, E41-E42	1.6	
158	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
157	Combined Transarterial and Transvenous Onyx Embolization of Jugular Foramen Paragangliomas. <i>World Neurosurgery</i> , 2020 , 136, 178-183	2.1	1
156	Endovascular Coil Embolization of a Posterior Communicating Artery Aneurysm: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020 , 19, E597-E598	1.6	
155	Co-registration of Intravascular Ultrasound With Angiographic Imaging for Carotid Artery Disease. <i>World Neurosurgery</i> , 2020 , 143, 325-331	2.1	
154	Transvenous arteriovenous malformation embolization. <i>Journal of NeuroInterventional Surgery</i> , 2020 , 12, 332	7.8	1
153	Impact and prevention of errors in endovascular treatment of unruptured intracranial aneurysms. <i>Interventional Neuroradiology</i> , 2020 , 26, 575-581	1.9	1
152	A neurovascular high-frequency optical coherence tomography system enables in situ cerebrovascular volumetric microscopy. <i>Nature Communications</i> , 2020 , 11, 3851	17.4	14
151	In Reply: May Cooler Heads Prevail During a Pandemic: Stroke in COVID-19 Patients or COVID-19 in Stroke Patients?. <i>Neurosurgery</i> , 2020 , 87, E691-E693	3.2	1
150	Factors Affecting the Degree of Angular Remodeling in Stent-Assisted Coiling of Bifurcation Aneurysms. <i>Interventional Neurology</i> , 2020 , 8, 220-230	3	2
149	Flow Diversion for Treatment of Intracranial Aneurysms in Pediatric Patients: Multicenter Case Series. <i>Neurosurgery</i> , 2020 , 87, 53-62	3.2	7
148	Prospective study on embolization of intracranial aneurysms with the pipeline device: the PREMIER study 1 year results. <i>Journal of NeuroInterventional Surgery</i> , 2020 , 12, 62-66	7.8	80
147	Endovascular Recanalization of Symptomatic Intracranial Arterial Stenosis Despite Aggressive Medical Management. <i>World Neurosurgery</i> , 2019 , 123, e693-e699	2.1	5

146	Evaluation of the Intracranial Flow Alteration during Manual Syringe and Continuous Pump Aspiration. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019 , 28, 2574-2579	2.8	2
145	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> , 2019 , 11, 74-79	7.8	22
144	Stent-assisted coil embolization of MCA aneurysm via a trans-posterior communicating artery access. <i>Neurosurgical Focus</i> , 2019 , 46, V3	4.2	1
143	Stent-Assisted Coil Embolization 2019 , 187-205		1
142	Objective Assessment of Arterial Steal Phenomenon in Direct Carotid Cavernous Fistula Using 2D Parametric Parenchymal Blood Flow Analysis. <i>Neurointervention</i> , 2019 , 14, 63-67	1.4	0
141	Glucose Modifies the Effect of Endovascular Thrombectomy in Patients With Acute Stroke. <i>Stroke</i> , 2019 , 50, 690-696	6.7	30
140	Multicenter Study of Pipeline Flex for Intracranial Aneurysms. <i>Neurosurgery</i> , 2019 , 84, E402-E409	3.2	12
139	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> , 2019 , 25, 150-156	1.9	9
138	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> , 2019 , 18, 46-55	24.1	156
137	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> , 2019 , 76, 194-202	17.2	41
136	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> , 2019 , 11, 357-361	7.8	31
135	Treatment of blood blister aneurysms of the internal carotid artery with flow diversion. <i>Journal of NeuroInterventional Surgery</i> , 2018 , 10, 1074-1078	7.8	80
134	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> , 2018 , 10, 1137-1142	7.8	54
133	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> , 2018 , 83, 488-500	3.2	26
132	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> , 2018 , 75, 304-311	17.2	59
131	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> , 2018 , 10, 892-895	7.8	3
130	Analysis of neointima development in flow diverters using optical coherence tomography imaging. <i>Journal of NeuroInterventional Surgery</i> , 2018 , 10, 162-167	7.8	44
129	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> , 2018 , 10, 274-278	7.8	28

128	Software-based simulation for preprocedural assessment of braided stent sizing: a validation study. <i>Journal of Neurosurgery</i> , 2018 , 1-7	3.2	7
127	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> , 2018 , 13, 129-132	1.4	12
126	Intraventricular Hemorrhage: A Rare Complication Secondary to Traumatic Lumbar Puncture. <i>Journal of Innovative Optical Health Sciences</i> , 2018 , 13, 198-199	1.2	
125	Outcomes of Endovascular Treatment of Intracranial Aneurysms at Bifurcation Sites. <i>World Journal of Neuroscience</i> , 2018 , 08, 432-443	0.4	
124	Intravascular Optical Coherence Tomography for Neurointerventional Surgery. <i>Stroke</i> , 2018 , STROKEAHA.118026315	4.1	18026315
123	A new low-profile visualized intraluminal support (LVIS) device, LVIS Blue: laboratory comparison between old and new LVIS. <i>Neurological Research</i> , 2018 , 40, 78-85	2.7	10
122	An Onyx tunnel: reconstructive transvenous balloon-assisted Onyx embolization for dural arteriovenous fistula of the transverse-sigmoid sinus. <i>Journal of Neurosurgery</i> , 2018 , 129, 922-927	3.2	21
121	Thrombectomy 6 to 24 Hours after Stroke with a Mismatch between Deficit and Infarct. <i>New England Journal of Medicine</i> , 2018 , 378, 11-21	59.2	2503
120	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> , 2018 , 17, 895-904	24.1	179
119	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> , 2018 , 7, 522-532	3	5
118	Treatment of wide-necked aneurysms with the Low-profile Visualized Intraluminal Support (LVIS Jr) device: a multicenter experience. <i>Journal of NeuroInterventional Surgery</i> , 2017 , 9, 1098-1102	7.8	29
117	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> , 2017 , 42, E17	4.2	9
116	Results of the ANSWER Trial Using the PulseRider for the Treatment of Broad-Necked, Bifurcation Aneurysms. <i>Neurosurgery</i> , 2017 , 81, 56-65	3.2	63
115	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> , 2017 , 12, 641-652	6.3	119
114	Impact of Thrombus Length on Outcomes After Intra-Arterial Aspiration Thrombectomy in the THERAPY Trial. <i>Stroke</i> , 2017 , 48, 1895-1900	6.7	28
113	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	3.2	234
112	Novel balloon-and-aspiration method for cerebral venous sinus thrombosis: dental-floss technique. <i>Neurosurgical Focus</i> , 2017 , 42, E19	4.2	10
111	Introduction: New techniques and technologies in the management of ischemic stroke. <i>Neurosurgical Focus</i> , 2017 , 42, E1	4.2	

110	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> , 2017 , 48, 379-387	6.7	80
109	Giant vein of Galen malformation in an adult. <i>Radiology Case Reports</i> , 2017 , 12, 585-589	1	1
108	Arteriovenous malformation embocure score (AVMES): reply. <i>Journal of NeuroInterventional Surgery</i> , 2017 , 9, e13-e14	7.8	
107	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> , 2017 , 127, 775-780	3.2	122
106	Pipeline for uncoilable or failed aneurysms: 3-year follow-up results. <i>Journal of Neurosurgery</i> , 2017 , 127, 81-88	3.2	129
105	Mobile Real-time Tracking of Acute Stroke Patients and Instant, Secure Inter-team Communication - the Join App. <i>Neurointervention</i> , 2017 , 12, 69-76	1.4	21
104	Arteriovenous malformation embocure score: AVMES. <i>Journal of NeuroInterventional Surgery</i> , 2016 , 8, 685-91	7.8	25
103	Geographic Differences in Endovascular Treatment and Retreatment of Cerebral Aneurysms. <i>American Journal of Neuroradiology</i> , 2016 , 37, 2055-2059	4.4	7
102	Use of flow-diverting stents as salvage treatment following failed stent-assisted embolization of intracranial aneurysms. <i>Journal of NeuroInterventional Surgery</i> , 2016 , 8, 692-5	7.8	26
101	Minimally invasive evacuation of intraventricular hemorrhage with the Apollo vibration/suction device. <i>Journal of Clinical Neuroscience</i> , 2016 , 27, 53-8	2.2	12
100	The fate of cranial neuropathy after flow diversion for carotid aneurysms. <i>Journal of Neurosurgery</i> , 2016 , 124, 1107-13	3.2	19
99	Progressive Deconstruction of a Distal Posterior Cerebral Artery Aneurysm Using Competitive Flow Diversion. <i>Neurointervention</i> , 2016 , 11, 46-9	1.4	3
98	Neuro-endovascular Embolic Agent for Treatment of a Renal Arteriovenous Fistula. <i>AIMS Medical Science</i> , 2016 , 3, 96-102	0.4	
97	Monoplane 3D Overlay Roadmap versus Conventional Biplane 2D Roadmap Technique for Neurointerventional Procedures. <i>Neurointervention</i> , 2016 , 11, 105-13	1.4	5
96	Treatment of Distal Anterior Circulation Aneurysms With the Pipeline Embolization Device: A US Multicenter Experience. <i>Neurosurgery</i> , 2016 , 79, 14-22	3.2	74
95	Aneurysm Study of Pipeline in an Observational Registry (ASPIRe). <i>Interventional Neurology</i> , 2016 , 5, 89-99	3	122
94	Risk Factors for Ischemic Complications following Pipeline Embolization Device Treatment of Intracranial Aneurysms: Results from the IntraPED Study. <i>American Journal of Neuroradiology</i> , 2016 , 37, 1673-8	4.4	64
93	Aspiration Thrombectomy After Intravenous Alteplase Versus Intravenous Alteplase Alone. <i>Stroke</i> , 2016 , 47, 2331-8	6.7	205

92	Ischemic core and hypoperfusion volumes predict infarct size in SWIFT PRIME. <i>Annals of Neurology</i> , 2016 , 79, 76-89	9.4	114
91	Endovascular treatment of cerebral venous thrombosis: Contemporary multicenter experience. <i>Interventional Neuroradiology</i> , 2015 , 21, 520-6	1.9	29
90	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> , 2015 , 7, 217-21	7.8	114
89	High cervical spinal subdural hemorrhage as a harbinger of craniocervical arteriovenous fistula: an unusual clinical presentation. <i>Spine Journal</i> , 2015 , 15, e13-7	4	8
88	Stent-retriever thrombectomy after intravenous t-PA vs. t-PA alone in stroke. <i>New England Journal of Medicine</i> , 2015 , 372, 2285-95	59.2	3234
87	Complication analysis in nitinol stent-assisted embolization of 486 intracranial aneurysms. <i>Journal of Neurosurgery</i> , 2015 , 123, 453-9	3.2	22
86	Neuroophthalmological outcomes associated with use of the Pipeline Embolization Device: analysis of the PUFs trial results. <i>Journal of Neurosurgery</i> , 2015 , 123, 897-905	3.2	40
85	Utilization of Pipeline embolization device for treatment of ruptured intracranial aneurysms: US multicenter experience. <i>Journal of NeuroInterventional Surgery</i> , 2015 , 7, 808-15	7.8	95
84	Solitaire 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> , 2015 , 10, 439-48	6.3	195
83	Surgical management of malignant cerebral edema secondary to immune reconstitution inflammatory syndrome from natalizumab-associated progressive multifocal encephalopathy. <i>Journal of Clinical Neuroscience</i> , 2015 , 22, 1669-71	2.2	2
82	Outcome following intracranial hemorrhage associated with novel oral anticoagulants. <i>Journal of Clinical Neuroscience</i> , 2015 , 22, 212-5	2.2	12
81	Recovery of pituitary function following treatment of an unruptured giant cavernous carotid aneurysm using Surpass flow-diverting stents. <i>Journal of NeuroInterventional Surgery</i> , 2015 , 7, e20	7.8	4
80	Ventriculoperitoneal shunt in a patient with ruptured blister aneurysm treated with pipeline embolization device. <i>Journal of Cerebrovascular and Endovascular Neurosurgery</i> , 2015 , 17, 54-8	0.7	
79	International retrospective study of the pipeline embolization device: a multicenter aneurysm treatment study. <i>American Journal of Neuroradiology</i> , 2015 , 36, 108-15	4.4	365
78	Compressive cervical myelopathy secondary to totally extradural spinal arteriovenous fistula. <i>Neurology India</i> , 2015 , 63, 790-2	0.7	3
77	Persistent aneurysm growth following pipeline embolization device assisted coiling of a fusiform vertebral artery aneurysm: a word of caution!. <i>Neurointervention</i> , 2015 , 10, 28-33	1.4	9
76	Endovascular treatment of acute ischemic stroke: the end or just the beginning?. <i>Neurosurgical Focus</i> , 2014 , 36, E5	4.2	35
75	Frameless neuronavigation based only on 3D digital subtraction angiography using surface-based facial registration. <i>Journal of Neurosurgery</i> , 2014 , 121, 745-50	3.2	16

74	Y-stent-assisted coil embolization of cerebral aneurysms. <i>Neurosurgical Focus</i> , 2014 , 37, 1	4.2	60
73	"Contrast-less" stent-assisted coiling of an A1 aneurysm. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014 , 23, 2283-6	2.8	5
72	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> , 2014 , 35, 698-705	4.4	102
71	The "Spot Sign" secondary to a ruptured lenticulostriate artery aneurysm. <i>Clinical Imaging</i> , 2014 , 38, 508-509	2.7	8
70	Current utility of diagnostic catheter cerebral angiography. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014 , 23, e145-50	2.8	9
69	Feasibility and safety of pipeline embolization device in patients with ruptured carotid blister aneurysms. <i>Neurosurgery</i> , 2014 , 75, 419-29; discussion 429	3.2	76
68	Long-term radiographic results of stent-assisted embolization of cerebral aneurysms. <i>Neurosurgery</i> , 2014 , 74, 286-91	3.2	32
67	Delayed Vascular Claudication Following Diagnostic Cerebral Angiography: A Rare Complication of the AngioSeal Arteriotomy Closure Device. <i>Journal of Cerebrovascular and Endovascular Neurosurgery</i> , 2014 , 16, 275-80	0.7	7
66	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> , 2014 , 16, 93-7	0.7	7
65	The Pipeline Embolization Device for the treatment of posterior circulation fusiform aneurysms: lessons learned at a single institution. <i>Journal of Neurosurgery</i> , 2014 , 121, 1077-84	3.2	76
64	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> , 2014 , 6, e42	7.8	4
63	Evaluation of a metal artifacts reduction algorithm applied to postinterventional flat panel detector CT imaging. <i>American Journal of Neuroradiology</i> , 2014 , 35, 2164-9	4.4	19
62	Progressive deconstruction: a novel aneurysm treatment using the pipeline embolization device for competitive flow diversion: case report. <i>Operative Neurosurgery</i> , 2014 , 10 Suppl 1, E161-6; discussion E166	1.6	12
61	Endovascular repair of a double-lumen dissecting aneurysm. <i>Journal of NeuroInterventional Surgery</i> , 2014 , 6, e29	7.8	
60	Ultrasound-guided posterolateral approach for midline calcified thoracic disc herniation. <i>Journal of Korean Neurosurgical Society</i> , 2014 , 55, 383-6	2.3	5
59	Manual Aspiration Technique to Retrieve a Prematurely Detached Coil during Cerebral Aneurysm Embolization. <i>Neurointervention</i> , 2014 , 9, 21-5	1.4	3
58	Aneurysm coil embolization using a 1.5-fr distal outer diameter microcatheter. <i>Neurointervention</i> , 2014 , 9, 39-44	1.4	5
57	Successful mechanical thrombectomy in a 2-year-old male through a 4-French guide catheter. <i>Neurointervention</i> , 2014 , 9, 94-100	1.4	25

56	Pipeline for uncoilable or failed aneurysms: results from a multicenter clinical trial. <i>Radiology</i> , 2013 , 267, 858-68	20.5	760
55	Massive cerebral involvement in fat embolism syndrome and intracranial pressure management. <i>Journal of Neurosurgery</i> , 2013 , 119, 1263-70	3.2	34
54	Stent-assisted embolization of 100 middle cerebral artery aneurysms. <i>Journal of Neurosurgery</i> , 2013 , 118, 950-5	3.2	30
53	Venous sinus manometry and intervention using the PrimeWire Prestige pressure guidewire: technique and initial experience. <i>Journal of NeuroInterventional Surgery</i> , 2013 , 5, 458-60	7.8	2
52	Stent assisted embolization of 64 anterior communicating artery aneurysms. <i>Journal of NeuroInterventional Surgery</i> , 2013 , 5 Suppl 3, iii62-5	7.8	26
51	Solitaire Flow Restoration thrombectomy for acute ischemic stroke: retrospective multicenter analysis of early postmarket experience after FDA approval. <i>Neurosurgery</i> , 2013 , 73, 19-25; discussion 25-6	3.2	52
50	Treatment of a ruptured vertebrobasilar fusiform aneurysm using pipeline embolization device. <i>Journal of Cerebrovascular and Endovascular Neurosurgery</i> , 2013 , 15, 30-3	0.7	20
49	Double wire technique for stenting tortuous cerebral vessels. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2012 , 21, 905.e7-10	2.8	4
48	Intervention for intracranial atherosclerosis after SAMMPRIS. <i>World Neurosurgery</i> , 2012 , 78, 409-12	2.1	4
47	Evaluation of cerebral artery perforators and the pipeline embolization device using optical coherence tomography. <i>Journal of NeuroInterventional Surgery</i> , 2012 , 4, 291-4	7.8	30
46	Gender differences in cerebral aneurysm location. <i>Frontiers in Neurology</i> , 2012 , 3, 78	4.1	45
45	Initial Experience with Neuroform EZ in the Treatment of Wide-neck Cerebral Aneurysms. <i>Neurointervention</i> , 2012 , 7, 34-9	1.4	16
44	Moyamoya syndrome in an adult with essential thrombocythemia. <i>Neurology International</i> , 2011 , 3, e3	1.2	7
43	Hemodynamic changes following wingspan stent placement--a quantitative magnetic resonance angiography study. <i>Journal of Neuroimaging</i> , 2011 , 21, e109-13	2.8	11
42	High-dose intra-arterial nicardipine results in hypotension following vasospasm treatment in subarachnoid hemorrhage. <i>Neurocritical Care</i> , 2011 , 15, 400-4	3.3	22
41	Transfer delay is a major factor limiting the use of intra-arterial treatment in acute ischemic stroke. <i>Stroke</i> , 2011 , 42, 1626-30	6.7	126
40	Use of intracranial stenting to secure unstable liquid embolic casts in wide-neck sidewall intracranial aneurysms. <i>Operative Neurosurgery</i> , 2010 , 66, 92-7; discussion 97-8	1.6	4
39	Onyx embolization of arteriovenous malformations using 2 microcatheters. <i>Neurosurgery</i> , 2010 , 66, 616-8; discussion 618-9	3.2	10

38	Histopathologic description of Wingspan stent in acute ischemic stroke. <i>Neurocritical Care</i> , 2009 , 11, 377-80	3.3	3
37	Stent remodeling technique for coiling of ruptured wide-neck cerebral aneurysms: case report. <i>Neurosurgery</i> , 2009 , 65, E1007-8; discussion E1008	3.2	12
36	Defining the risk of retreatment for aneurysm recurrence or residual after initial treatment by endovascular coiling: a multicenter study. <i>Neurosurgery</i> , 2009 , 65, 311-5; discussion 315	3.2	63
35	The utility of quantitative magnetic resonance angiography in the assessment of intracranial in-stent stenosis. <i>Stroke</i> , 2009 , 40, 991-3	6.7	47
34	Prevalence and risk factors for aspirin and clopidogrel resistance in cerebrovascular stenting. <i>American Journal of Neuroradiology</i> , 2008 , 29, 281-5	4.4	117
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