

Colin P Derdeyn

List of Publications by Citations

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308
papers

16,558
citations

58
h-index

122
g-index

325
ext. papers

19,431
ext. citations

6
avg, IF

6.17
L-index

#	Paper	IF	Citations
308	Guidelines for the management of aneurysmal subarachnoid hemorrhage: a guideline for healthcare professionals from the American Heart Association/American Stroke Association. <i>Stroke</i> , 2012 , 43, 1711-37	6.7	2074
307	2015 American Heart Association/American Stroke Association Focused Update of the 2013 Guidelines for the Early Management of Patients With Acute Ischemic Stroke Regarding Endovascular Treatment: A Guideline for Healthcare Professionals From the American Heart Association/American Stroke Association. <i>Stroke</i> , 2015 , 46, 3020-35	6.7	1532
306	Stenting versus aggressive medical therapy for intracranial arterial stenosis. <i>New England Journal of Medicine</i> , 2011 , 365, 993-1003	59.2	1170
305	Recommendations on angiographic revascularization grading standards for acute ischemic stroke: a consensus statement. <i>Stroke</i> , 2013 , 44, 2650-63	6.7	884
304	Extracranial-intracranial bypass surgery for stroke prevention in hemodynamic cerebral ischemia: the Carotid Occlusion Surgery Study randomized trial. <i>JAMA - Journal of the American Medical Association</i> , 2011 , 306, 1983-92	27.4	497
303	Aggressive medical treatment with or without stenting in high-risk patients with intracranial artery stenosis (SAMMPRIS): the final results of a randomised trial. <i>Lancet, The</i> , 2014 , 383, 333-41	40	486
302	Variability of cerebral blood volume and oxygen extraction: stages of cerebral haemodynamic impairment revisited. <i>Brain</i> , 2002 , 125, 595-607	11.2	386
301	Progression of mass effect after intracerebral hemorrhage. <i>Stroke</i> , 1999 , 30, 1167-73	6.7	320
300	Clinical features and outcome in North American adults with moyamoya phenomenon. <i>Stroke</i> , 2006 , 37, 1490-6	6.7	269
299	Interhospital Transfer Before Thrombectomy Is Associated With Delayed Treatment and Worse Outcome in the STRATIS Registry (Systematic Evaluation of Patients Treated With Neurothrombectomy Devices for Acute Ischemic Stroke). <i>Circulation</i> , 2017 , 136, 2311-2321	16.7	217
298	The unruptured intracranial aneurysm treatment score: a multidisciplinary consensus. <i>Neurology</i> , 2015 , 85, 881-9	6.5	213
297	Vascular Graft Infections, Mycotic Aneurysms, and Endovascular Infections: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2016 , 134, e412-e460	16.7	195
296	Mortality rates after subarachnoid hemorrhage: variations according to hospital case volume in 18 states. <i>Journal of Neurosurgery</i> , 2003 , 99, 810-7	3.2	180
295	Amyloid- β efflux from the central nervous system into the plasma. <i>Annals of Neurology</i> , 2014 , 76, 837-44	9.4	151
294	Interactions within stroke systems of care: a policy statement from the American Heart Association/American Stroke Association. <i>Stroke</i> , 2013 , 44, 2961-84	6.7	143
293	Acute Stroke Imaging Research Roadmap II. <i>Stroke</i> , 2013 , 44, 2628-39	6.7	133
292	Cranial dural arteriovenous fistulas: modification of angiographic classification scales based on new natural history data. <i>Neurosurgical Focus</i> , 2009 , 26, E14	4.2	133

291	Cranial dural arteriovenous fistulae: asymptomatic cortical venous drainage portends less aggressive clinical course. <i>Neurosurgery</i> , 2009 , 64, 241-7; discussion 247-8	3.2	128
290	Surgical results of the Carotid Occlusion Surgery Study. <i>Journal of Neurosurgery</i> , 2013 , 118, 25-33	3.2	127
289	Management of Brain Arteriovenous Malformations: A Scientific Statement for Healthcare Professionals From the American Heart Association/American Stroke Association. <i>Stroke</i> , 2017 , 48, e200-e224	6.7	123
288	Detailed analysis of periprocedural strokes in patients undergoing intracranial stenting in Stenting and Aggressive Medical Management for Preventing Recurrent Stroke in Intracranial Stenosis (SAMMPRIS). <i>Stroke</i> , 2012 , 43, 2682-8	6.7	121
287	Arteriotomy closure devices for cardiovascular procedures: a scientific statement from the American Heart Association. <i>Circulation</i> , 2010 , 122, 1882-93	16.7	119
286	The Carotid Occlusion Surgery Study. <i>Neurosurgical Focus</i> , 2003 , 14, e9	4.2	116
285	Systematic Evaluation of Patients Treated With Neurothrombectomy Devices for Acute Ischemic Stroke: Primary Results of the STRATIS Registry. <i>Stroke</i> , 2017 , 48, 2760-2768	6.7	113
284	Primary angiitis of the central nervous system at conventional angiography. <i>Radiology</i> , 2004 , 233, 878-82	20.5	113
283	Increased oxygen extraction fraction is associated with prior ischemic events in patients with carotid occlusion. <i>Stroke</i> , 1998 , 29, 754-8	6.7	109
282	Compensatory mechanisms for chronic cerebral hypoperfusion in patients with carotid occlusion. <i>Stroke</i> , 1999 , 30, 1019-24	6.7	103
281	Quantitative measurements of cerebral blood flow in patients with unilateral carotid artery occlusion: a PET and MR study. <i>Journal of Magnetic Resonance Imaging</i> , 2001 , 14, 659-67	5.6	102
280	Severe hemodynamic impairment and border zone--region infarction. <i>Radiology</i> , 2001 , 220, 195-201	20.5	101
279	Red blood cell transfusion increases cerebral oxygen delivery in anemic patients with subarachnoid hemorrhage. <i>Stroke</i> , 2009 , 40, 3039-44	6.7	98
278	Postprocedure ischemic events after treatment of intracranial aneurysms with Guglielmi detachable coils. <i>Journal of Neurosurgery</i> , 2002 , 96, 837-43	3.2	96
277	Comparing indocyanine green videoangiography to the gold standard of intraoperative digital subtraction angiography used in aneurysm surgery. <i>Journal of Neurosurgery</i> , 2013 , 118, 420-7	3.2	92
276	Design of the stenting and aggressive medical management for preventing recurrent stroke in intracranial stenosis trial. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2011 , 20, 357-68	2.8	92
275	Mechanisms of stroke after intracranial angioplasty and stenting in the SAMMPRIS trial. <i>Neurosurgery</i> , 2013 , 72, 777-95; discussion 795	3.2	91
274	Carotid artery thrombus associated with severe iron-deficiency anemia and thrombocytosis. <i>Stroke</i> , 1996 , 27, 1002-5	6.7	90

273	Results of the ICTuS 2 Trial (Intravascular Cooling in the Treatment of Stroke 2). <i>Stroke</i> , 2016 , 47, 2888-2895	28.95	89
272	Angioplasty and stenting in carotid dissection with or without associated pseudoaneurysm. <i>American Journal of Neuroradiology</i> , 2005 , 26, 2328-35	4.4	87
271	Perfusion imaging in acute ischemic stroke: let us improve the science before changing clinical practice. <i>Radiology</i> , 2013 , 266, 16-21	20.5	80
270	Effect of Hemodynamics on Stroke Risk in Symptomatic Atherosclerotic Vertebrobasilar Occlusive Disease. <i>JAMA Neurology</i> , 2016 , 73, 178-85	17.2	78
269	Acute Stroke Imaging Research Roadmap III Imaging Selection and Outcomes in Acute Stroke Reperfusion Clinical Trials: Consensus Recommendations and Further Research Priorities. <i>Stroke</i> , 2016 , 47, 1389-98	6.7	77
268	Combined endovascular embolization and stereotactic radiosurgery in the treatment of large arteriovenous malformations. <i>Journal of Neurosurgery</i> , 2011 , 114, 1758-67	3.2	76
267	Unruptured cerebral aneurysms do not shrink when they rupture: multicenter collaborative aneurysm study group. <i>Neurosurgery</i> , 2011 , 68, 155-60; discussion 160-1	3.2	75
266	Relationship between risk factor control and vascular events in the SAMMPRIS trial. <i>Neurology</i> , 2017 , 88, 379-385	6.5	74
265	Analysis of subarachnoid hemorrhage using the Nationwide Inpatient Sample: the NIS-SAH Severity Score and Outcome Measure. <i>Journal of Neurosurgery</i> , 2014 , 121, 482-9	3.2	74
264	Spontaneous isolated convexity subarachnoid hemorrhage: presentation, radiological findings, differential diagnosis, and clinical course. <i>Journal of Neurosurgery</i> , 2008 , 109, 1034-41	3.2	74
263	Standard of practice: embolization of spinal arteriovenous fistulae, spinal arteriovenous malformations, and tumors of the spinal axis. <i>Journal of NeuroInterventional Surgery</i> , 2013 , 5, 3-5	7.8	73
262	Cost-effectiveness of screening for asymptomatic carotid atherosclerotic disease. <i>Stroke</i> , 1996 , 27, 1944-50	16.50	72
261	Multidisciplinary consensus on assessment of unruptured intracranial aneurysms: proposal of an international research group. <i>Stroke</i> , 2014 , 45, 1523-30	6.7	69
260	Count-based PET method for predicting ischemic stroke in patients with symptomatic carotid arterial occlusion. <i>Radiology</i> , 1999 , 212, 499-506	20.5	67
259	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
258	Lack of correlation between pattern of collateralization and misery perfusion in patients with carotid occlusion. <i>Stroke</i> , 1999 , 30, 1025-32	6.7	63
257	Angioplasty and stenting for atherosclerotic intracranial stenosis: rationale for a randomized clinical trial. <i>Neuroimaging Clinics of North America</i> , 2007 , 17, 355-63, viii-ix	3	61
256	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

255	Head, neck, and brain tumor embolization guidelines. <i>Journal of NeuroInterventional Surgery</i> , 2012 , 4, 251-5	7.8	59
254	A perfect storm: how a randomized trial of unruptured brain arteriovenous malformationsR (ARUBAR) trial design challenges notions of external validity. <i>Stroke</i> , 2012 , 43, 1979-81	6.7	59
253	Does the use of IV tPA in the current era of rapid and predictable recanalization by mechanical embolectomy represent good value?. <i>Journal of NeuroInterventional Surgery</i> , 2016 , 8, 443-6	7.8	58
252	Imaging recommendations for acute stroke and transient ischemic attack patients: a joint statement by the American Society of Neuroradiology, the American College of Radiology and the Society of NeuroInterventional Surgery. <i>Journal of the American College of Radiology</i> , 2013 , 10, 828-32	3.5	58
251	Training, competency, and credentialing standards for diagnostic cervicocerebral angiography, carotid stenting, and cerebrovascular intervention: a joint statement from the American Academy of Neurology, the American Association of Neurological Surgeons, the American Society of Interventional and Therapeutic Neuroradiology, the American Society of Neuroradiology, the	6.5	58
250	Impact of Balloon Guide Catheter Use on Clinical and Angiographic Outcomes in the STRATIS of Stroke Thrombectomy Registry. <i>Stroke</i> , 2019 , 50, 697-704	6.7	58
249	Randomized Evaluation of Carotid Occlusion and Neurocognition (RECON) trial: main results. <i>Neurology</i> , 2014 , 82, 744-51	6.5	56
248	Outcomes of carotid angioplasty and stenting for radiation-associated stenosis. <i>American Journal of Neuroradiology</i> , 2005 , 26, 1781-8	4.4	55
247	Retrospective review of cerebral mycotic aneurysms in 26 patients: focus on treatment in strongly immunocompromised patients with a brief literature review. <i>American Journal of Neuroradiology</i> , 2013 , 34, 823-7	4.4	54
246	Comparison of Enterprise with Neuroform stent-assisted coiling of intracranial aneurysms. <i>American Journal of Roentgenology</i> , 2013 , 200, 872-8	5.4	53
245	Dual antiplatelet therapy in aneurysmal subarachnoid hemorrhage: association with reduced risk of clinical vasospasm and delayed cerebral ischemia. <i>Journal of Neurosurgery</i> , 2018 , 129, 702-710	3.2	53
244	Diagnostic yield of repeat catheter angiography in patients with catheter and computed tomography angiography negative subarachnoid hemorrhage. <i>Neurosurgery</i> , 2012 , 70, 1135-42	3.2	50
243	Measurement of cerebral blood flow in chronic carotid occlusive disease: comparison of dynamic susceptibility contrast perfusion MR imaging with positron emission tomography. <i>American Journal of Neuroradiology</i> , 2003 , 24, 862-71	4.4	49
242	Endovascular management of internal carotid artery injuries secondary to endonasal surgery: case series and review of the literature. <i>Journal of Neurosurgery</i> , 2016 , 125, 1256-1276	3.2	48
241	Impact of operator and site experience on outcomes after angioplasty and stenting in the SAMMPRIS trial. <i>Journal of NeuroInterventional Surgery</i> , 2013 , 5, 528-33	7.8	46
240	Mechanisms of ischemic stroke secondary to large artery atherosclerotic disease. <i>Neuroimaging Clinics of North America</i> , 2007 , 17, 303-11, vii-viii	3	46
239	Final results of the US humanitarian device exemption study of the low-profile visualized intraluminal support (LVIS) device. <i>Journal of NeuroInterventional Surgery</i> , 2016 , 8, 894-7	7.8	45
238	Endovascular Thrombectomy for Anterior Circulation Stroke: Systematic Review and Meta-Analysis. <i>Stroke</i> , 2015 , 46, 3177-83	6.7	45

237	In vitro evaluation of platinum Guglielmi detachable coils at 3 T with a porcine model: safety issues and artifacts. <i>Radiology</i> , 2001 , 219, 732-7	20.5	45
236	Advances and surgical considerations in the treatment of moyamoya disease. <i>Neurosurgery</i> , 2014 , 74 Suppl 1, S116-25	3.2	43
235	Endovascular treatment of the vertebral artery origin in patients with symptoms of vertebrobasilar ischemia. <i>Neuroradiology</i> , 2006 , 48, 917-23	3.2	42
234	Comparison of induced hypertension, fluid bolus, and blood transfusion to augment cerebral oxygen delivery after subarachnoid hemorrhage. <i>Journal of Neurosurgery</i> , 2012 , 116, 648-56	3.2	41
233	Borden-Shucart Type I dural arteriovenous fistulas: clinical course including risk of conversion to higher-grade fistulas. <i>Journal of Neurosurgery</i> , 2012 , 117, 539-45	3.2	41
232	Etiology of strokes in children with sickle cell anemia. <i>Mental Retardation and Developmental Disabilities Research Reviews</i> , 2006 , 12, 192-9		41
231	Safety and technical efficacy of over-the-wire balloons for the treatment of subarachnoid hemorrhage-induced cerebral vasospasm. <i>Neurosurgical Focus</i> , 2006 , 21, E14	4.2	41
230	Endovascular parent vessel sacrifice in ruptured dissecting vertebral and posterior inferior cerebellar artery aneurysms: clinical outcomes and review of the literature. <i>Journal of NeuroInterventional Surgery</i> , 2016 , 8, 796-801	7.8	41
229	Treatment of atherosclerotic intracranial arterial stenosis. <i>Stroke</i> , 2009 , 40, 2257-61	6.7	40
228	Defining the ischemic penumbra using magnetic resonance oxygen metabolic index. <i>Stroke</i> , 2015 , 46, 982-8	6.7	39
227	Extracranial-intracranial bypass for ischemic cerebrovascular disease: what have we learned from the Carotid Occlusion Surgery Study?. <i>Neurosurgical Focus</i> , 2014 , 36, E9	4.2	38
226	Rationale, design, and implementation of aggressive risk factor management in the Stenting and Aggressive Medical Management for Prevention of Recurrent Stroke in Intracranial Stenosis (SAMMPRIS) trial. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2012 , 5, e51-60	5.8	38
225	Indications for cerebral revascularization for patients with atherosclerotic carotid occlusion. <i>Skull Base</i> , 2005 , 15, 7-14		37
224	Endogenous dopamine (DA) competes with the binding of a radiolabeled D ₁ receptor partial agonist in vivo: a positron emission tomography study. <i>Synapse</i> , 2011 , 65, 724-32	2.4	36
223	Effect of intraarterial verapamil on the diameter of vasospastic intracranial arteries in patients with cerebral vasospasm. <i>Neurosurgical Focus</i> , 2006 , 21, E15	4.2	36
222	Hemodynamic Features of Symptomatic Vertebrobasilar Disease. <i>Stroke</i> , 2015 , 46, 1850-6	6.7	35
221	Symptomatic patients with intraluminal carotid artery thrombus: outcome with a strategy of initial anticoagulation. <i>Journal of Neurosurgery</i> , 2013 , 118, 34-41	3.2	35
220	Vertebrobasilar Flow Evaluation and Risk of Transient Ischaemic Attack and Stroke study (VERITAS): rationale and design. <i>International Journal of Stroke</i> , 2010 , 5, 499-505	6.3	35

219	Reporting standards for endovascular repair of saccular intracranial cerebral aneurysms. <i>Stroke</i> , 2009 , 40, e366-79	6.7	35
218	Frequency, Risk Factors, and Outcome of Coexistent Small Vessel Disease and Intracranial Arterial Stenosis: Results From the Stenting and Aggressive Medical Management for Preventing Recurrent Stroke in Intracranial Stenosis (SAMMPRIS) Trial. <i>JAMA Neurology</i> , 2016 , 73, 36-42	17.2	34
217	Training Standards in Neuroendovascular Surgery: Program Accreditation and Practitioner Certification. <i>Stroke</i> , 2017 , 48, 2318-2325	6.7	34
216	Brain arteriovenous malformations: A review of natural history, pathobiology, and interventions. <i>Neurology</i> , 2020 , 95, 917-927	6.5	33
215	Consensus statement on current and emerging methods for the diagnosis and evaluation of cerebrovascular disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018 , 38, 1391-1417	7.3	33
214	Lower stroke risk with lower blood pressure in hemodynamic cerebral ischemia. <i>Neurology</i> , 2014 , 82, 1027-32	6.5	32
213	Investigating the mechanisms of perioperative ischemic stroke in the Carotid Occlusion Surgery Study. <i>Journal of Neurosurgery</i> , 2013 , 119, 988-95	3.2	32
212	Factors Associated With Recurrent Ischemic Stroke in the Medical Group of the SAMMPRIS Trial. <i>JAMA Neurology</i> , 2016 , 73, 308-15	17.2	31
211	Early vs. delayed cerebral infarction after aneurysm repair after subarachnoid hemorrhage. <i>Neurosurgery</i> , 2013 , 73, 617-23; discussion 623	3.2	31
210	Hemodynamic Markers in the Anterior Circulation as Predictors of Recurrent Stroke in Patients With Intracranial Stenosis. <i>Stroke</i> , 2018 , STROKEAHA118020840	6.7	31
209	Endovascular Treatment of Ruptured Vertebrobasilar Dissecting Aneurysms Using Flow Diversion Embolization Devices: Single-Institution Experience. <i>World Neurosurgery</i> , 2018 , 109, e164-e169	2.1	31
208	Does the Stenting Versus Aggressive Medical Therapy Trial Support Stenting for Subgroups With Intracranial Stenosis?. <i>Stroke</i> , 2015 , 46, 3282-4	6.7	30
207	Blunt Cerebrovascular Injuries: Advances in Screening, Imaging, and Management Trends. <i>American Journal of Neuroradiology</i> , 2017 ,	4.4	30
206	Effect of liquid embolic agents on Gamma Knife surgery dosimetry for arteriovenous malformations. Clinical article. <i>Journal of Neurosurgery</i> , 2011 , 115, 364-70	3.2	30
205	Reporting standards for angioplasty and stent-assisted angioplasty for intracranial atherosclerosis. <i>Stroke</i> , 2009 , 40, e348-65	6.7	29
204	Nonprocedural Symptomatic Infarction and In-Stent Restenosis After Intracranial Angioplasty and Stenting in the SAMMPRIS Trial (Stenting and Aggressive Medical Management for the Prevention of Recurrent Stroke in Intracranial Stenosis). <i>Stroke</i> , 2017 , 48, 1501-1506	6.7	28
203	Common Data Elements for Unruptured Intracranial Aneurysms and Subarachnoid Hemorrhage Clinical Research: A National Institute for Neurological Disorders and Stroke and National Library of Medicine Project. <i>Neurocritical Care</i> , 2019 , 30, 4-19	3.3	28
202	Effect of High-Dose Simvastatin on Cerebral Blood Flow and Static Autoregulation in Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2016 , 25, 56-63	3.3	28

201	Causes of 30-day readmission after aneurysmal subarachnoid hemorrhage. <i>Journal of Neurosurgery</i> , 2016 , 124, 743-9	3.2	28
200	Intracranial stenosis: impact of randomized trials on treatment preferences of US neurologists and neurointerventionists. <i>Cerebrovascular Diseases</i> , 2014 , 37, 203-11	3.2	28
199	Update on endovascular management of the carotid blowout syndrome. <i>Neuroimaging Clinics of North America</i> , 2009 , 19, 271-81, Table of Contents	3	28
198	Randomized controlled trial of sheaths in diagnostic neuroangiography. <i>Radiology</i> , 2001 , 218, 183-7	20.5	28
197	Dural arteriovenous fistula-induced thalamic dementia: report of 4 cases. <i>Journal of Neurosurgery</i> , 2016 , 124, 1752-65	3.2	27
196	Impact of vessel choice on outcomes of polyvinyl alcohol embolization for intractable idiopathic epistaxis. <i>Journal of Vascular and Interventional Radiology</i> , 2013 , 24, 234-9	2.4	27
195	Impact of SAMMPRIS on the future of intracranial atherosclerotic disease management: polling results from the ICAD symposium at the International Stroke Conference. <i>Journal of NeuroInterventional Surgery</i> , 2014 , 6, 225-30	7.8	27
194	Percutaneous transvenous embolization of a dural arteriovenous fistula through a mastoid emissary vein. Technical note. <i>Journal of Neurosurgery</i> , 2006 , 105, 636-9	3.2	26
193	Interventionalist perspective on the new endovascular trials. <i>Stroke</i> , 2015 , 46, 1440-6	6.7	25
192	Cerebral hemodynamics as a predictor of stroke in adult patients with moyamoya disease: a prospective observational study. <i>Neurosurgical Focus</i> , 2009 , 26, E6	4.2	25
191	Carotid angioplasty and stent placement for restenosis after endarterectomy. <i>Neuroradiology</i> , 2007 , 49, 357-64	3.2	25
190	Long-term outcome after angioplasty for symptomatic extracranial carotid stenosis in poor surgical candidates. <i>Stroke</i> , 2002 , 33, 2877-80	6.7	25
189	RBC Transfusion Improves Cerebral Oxygen Delivery in Subarachnoid Hemorrhage. <i>Critical Care Medicine</i> , 2017 , 45, 653-659	1.4	23
188	An Update on the Adjunctive Neurovascular Support of Wide-Neck Aneurysm Embolization and Reconstruction Trial: 1-Year Safety and Angiographic Results. <i>American Journal of Neuroradiology</i> , 2018 , 39, 848-851	4.4	23
187	Mechanical thrombectomy in pediatric acute ischemic stroke: Clinical outcomes and literature review. <i>Interventional Neuroradiology</i> , 2016 , 22, 426-31	1.9	23
186	Onyx is associated with poor venous penetration in the treatment of spinal dural arteriovenous fistulas. <i>Journal of NeuroInterventional Surgery</i> , 2014 , 6, 536-40	7.8	23
185	Diagnostic yield of computed tomography angiography and magnetic resonance angiography in patients with catheter angiography-negative subarachnoid hemorrhage. <i>Journal of Neurosurgery</i> , 2012 , 117, 309-15	3.2	23
184	Surgical Revascularization in North American Adults with Moyamoya Phenomenon: Long-Term Angiographic Follow-up. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015 , 24, 1597-608	2.8	22

183	Treatment of basilar tip aneurysms with horizontal PCA to PCA stent-assisted coiling: case series. <i>Journal of NeuroInterventional Surgery</i> , 2013 , 5, 212-6	7.8	22
182	The diagnosis and management of supraaortic arterial dissections. <i>Current Opinion in Neurology</i> , 2009 , 22, 80-9	7.1	22
181	Hemorrhage associated with ventriculoperitoneal shunt placement in aneurysmal subarachnoid hemorrhage patients on a regimen of dual antiplatelet therapy: a retrospective analysis. <i>Journal of Neurosurgery</i> , 2018 , 129, 916-921	3.2	22
180	Imaging in StrokeNet: Realizing the Potential of Big Data. <i>Stroke</i> , 2015 , 46, 2000-6	6.7	21
179	Pattern not volume of bleeding predicts angiographic vasospasm in nonaneurysmal subarachnoid hemorrhage. <i>Stroke</i> , 2014 , 45, 265-7	6.7	21
178	Cerebrovascular occlusive disease: quantitative cerebral blood flow using dynamic susceptibility contrast mr imaging correlates with quantitative H2[15O] PET. <i>Radiology</i> , 2013 , 266, 879-86	20.5	21
177	Carotid stenting for asymptomatic carotid stenosis: trial it. <i>Stroke</i> , 2007 , 38, 715-20	6.7	21
176	MR safety and imaging of neuroform stents at 3T. <i>American Journal of Neuroradiology</i> , 2004 , 25, 1476-8	4.4	21
175	Training, competency, and credentialing standards for diagnostic cervicocerebral angiography, carotid stenting, and cerebrovascular intervention: a joint statement from the American Academy of Neurology, the American Association of Neurological Surgeons, the American Society of Interventional and Therapeutic Neuroradiology, the American Society of Neuroradiology, the Congress of Neurological Surgeons, the AANS/CNS Cerebrovascular Section, and the Society of	2.4	20
174	Patterns of infarction in hemodynamic failure. <i>Cerebrovascular Diseases</i> , 2007 , 24, 11-9	3.2	20
173	Size and anatomic location of ruptured intracranial aneurysms in patients with single and multiple aneurysms: a retrospective study from a single center. <i>Journal of NeuroInterventional Surgery</i> , 2014 , 6, 169-74	7.8	19
172	Correction for arterial-tissue delay and dispersion in absolute quantitative cerebral perfusion DSC MR imaging. <i>Magnetic Resonance in Medicine</i> , 2012 , 68, 495-506	4.4	19
171	Independent validation of the secondary intracerebral hemorrhage score with catheter angiography and findings of emergent hematoma evacuation. <i>Neurosurgery</i> , 2012 , 70, 131-40; discussion 140	3.2	19
170	Standard of practice: endovascular treatment of intracranial atherosclerosis. <i>Journal of NeuroInterventional Surgery</i> , 2012 , 4, 397-406	7.8	18
169	Clinical features and outcome in North American adults with idiopathic basal arterial occlusive disease without moyamoya collaterals. <i>Neurosurgery</i> , 2010 , 67, 278-85	3.2	18
168	Dynamic susceptibility contrast MRI with localized arterial input functions. <i>Magnetic Resonance in Medicine</i> , 2010 , 63, 1305-14	4.4	18
167	Do Patient Characteristics Explain the Differences in Outcome Between Medically Treated Patients in SAMMPRIS and WASID?. <i>Stroke</i> , 2015 , 46, 2562-7	6.7	17
166	Streamlined Hyperacute Magnetic Resonance Imaging Protocol Identifies Tissue-Type Plasminogen Activator-Eligible Stroke Patients When Clinical Impression Is Stroke Mimic. <i>Stroke</i> , 2016 , 47, 1012-7	6.7	17

165	Higher Stroke Risk with Lower Blood Pressure in Hemodynamic Vertebrobasilar Disease: Analysis from the VERITAS Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017 , 26, 403-410	2.8	17
164	Differences in the basilar artery bifurcation angle among patients who present with a ruptured aneurysm at the top of the basilar artery and patients with perimesencephalic subarachnoid hemorrhage: a retrospective cross-sectional study. <i>Neurosurgery</i> , 2013 , 73, 2-7	3.2	17
163	Rotational vertebrobasilar insufficiency due to dynamic compression of the dominant vertebral artery by the thyroid cartilage and occlusion of the contralateral vertebral artery at C1-2 level. <i>Journal of Neuroimaging</i> , 2008 , 18, 184-7	2.8	17
162	Baseline Hemodynamic Impairment and Future Stroke Risk in Adult Idiopathic Moyamoya Phenomenon: Results of a Prospective Natural History Study. <i>Stroke</i> , 2017 , 48, 894-899	6.7	16
161	Endovascular Treatment in the DEFUSE 3 Study. <i>Stroke</i> , 2018 , 49, 2000-2003	6.7	16
160	Acute management and outcomes of iatrogenic dissections during cerebral angiography. <i>Journal of NeuroInterventional Surgery</i> , 2017 , 9, 499-501	7.8	15
159	Quantitative hemodynamic PET imaging using image-derived arterial input function and a PET/MR hybrid scanner. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017 , 37, 1435-1446	7.3	15
158	Outcome in patients previously on antithrombotic therapy in the SAMMPRIS trial: subgroup analysis. <i>Stroke</i> , 2015 , 46, 775-9	6.7	15
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3 Arteriovenous Malformations and Other Vascular Anomalies **2022**, 452-465.e3

2 Risk of Early Versus Later Rebleeding From Dural Arteriovenous Fistulas With Cortical Venous Drainage.. *Stroke*, **2022**, 101161STROKEAHA121036450 6.7

1 SinglePhoton Emission Computed Tomography (SPECT) and Positron Emission Tomography (PET)137-161