Andrew F Ducruet

List of Publications by Year in descending order

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ANDREW F DUCCHET

#	Article	IF	CITATIONS
1	Republished: Resolution of an enlarging subdural haematoma after contralateral middle meningeal artery embolisation. Journal of NeuroInterventional Surgery, 2023, 15, e2-e2.	3.3	0
2	Chronic headaches and middle meningeal artery embolization. Journal of NeuroInterventional Surgery, 2022, 14, 301-303.	3.3	6
3	Endovascular treatment of vertebral artery dissecting aneurysms : a 20-year institutional experience. Journal of NeuroInterventional Surgery, 2022, 14, 257-261.	3.3	14
4	A comparative propensity-adjusted analysis of microsurgical versus endovascular treatment of unruptured ophthalmic artery aneurysms. Journal of Neurosurgery, 2022, 136, 1245-1250.	1.6	3
5	Nanoliposomes Reduce Stroke Injury Following Middle Cerebral Artery Occlusion in Mice. Stroke, 2022, 53, STROKEAHA121037120.	2.0	6
6	Telemedicine for Endovascular Neurosurgery Consultation During the COVID-19 Era: Patient Satisfaction Survey. World Neurosurgery, 2022, 158, e577-e582.	1.3	8
7	InÂVivo Preclinical Quantitative Flow Analysis of Arterial Anastomosis Using a Microvascular Anastomotic Coupler and Clinical Application for Extracranial-to-Intracranial Bypass. World Neurosurgery, 2022, , .	1.3	0
8	Cannabis Use and Delayed Cerebral Ischemia After Aneurysmal Subarachnoid Hemorrhage. Stroke, 2022, 53, STROKEAHA121035650.	2.0	3
9	Middle Meningeal Artery Embolization for Chronic Subdural Hematomas Is Efficacious and Cost-Effective. World Neurosurgery, 2022, 162, 57-58.	1.3	2
10	Complement C3a Receptor (C3aR) Mediates Vascular Dysfunction, Hippocampal Pathology, and Cognitive Impairment in a Mouse Model of VCID. Translational Stroke Research, 2022, , 1.	4.2	4
11	Treatment of Spinal Arteriovenous Malformation and Fistula. Neurosurgery Clinics of North America, 2022, 33, 193-206.	1.7	5
12	Radiographic clearance of chronic subdural hematomas after middle meningeal artery embolization. Journal of NeuroInterventional Surgery, 2022, 14, 1279-1283.	3.3	12
13	Total 1-year hospital cost of middle meningeal artery embolization compared to surgery for chronic subdural hematomas: a propensity-adjusted analysis. Journal of NeuroInterventional Surgery, 2022, 14, 804-806.	3.3	19
14	Multicenter Study for the Treatment of Sidewall versus Bifurcation Intracranial Aneurysms with Use of Woven EndoBridge (WEB). Radiology, 2022, 304, 372-382.	7.3	14
15	Flowâ€Diversion for Complex Posterior Communicating Artery Aneurysms Associated With a Fetal Posterior Circulation. , 2022, 2, .		1
16	Middle meningeal artery embolization for chronic subdural hematoma: an institutional technical analysis. Journal of NeuroInterventional Surgery, 2021, 13, 657-660.	3.3	52
17	Comparison of aspiration-first versus stentriever-first techniques in performing mechanical thrombectomy for large vessel occlusions. Journal of NeuroInterventional Surgery, 2021, 13, 614-618.	3.3	8
18	In reply: Is aspiration first-pass technique a better choice in mechanical thrombectomy for large vessel occlusions?. Journal of NeuroInterventional Surgery, 2021, 13, e14-e14.	3.3	0

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19	Small intracranial aneurysms in the Barrow Ruptured Aneurysm Trial (BRAT). Acta Neurochirurgica, 2021, 163, 123-129.	1.7	10
20	Spetzler-Martin Grade III Arteriovenous Malformations: A Multicenter Propensity-Adjusted Analysis of the Effects of Preoperative Embolization. Neurosurgery, 2021, 88, 996-1002.	1.1	22
21	Complement C3a receptor–mediated vascular dysfunction: a complex interplay between aging and neurodegeneration. Journal of Clinical Investigation, 2021, 131, .	8.2	18
22	Should We be Prophylactically Treating All Small Unruptured Intracranial Aneurysms With Aspirin?. World Neurosurgery, 2021, 146, 381-382.	1.3	0
23	Propensity-Adjusted Comparative Analysis of Radial Versus Femoral Access for Neurointerventional Treatments. Neurosurgery, 2021, 88, E505-E509.	1.1	18
24	Resolution of an enlarging subdural haematoma after contralateral middle meningeal artery embolisation. BMJ Case Reports, 2021, 14, e017530.	0.5	2
25	Omeprazole-clopidogrel interaction and neurovascular complications after flow-diverter device placement. Journal of NeuroInterventional Surgery, 2021, , neurintsurg-2021-017397.	3.3	3
26	Delays in presentation and mortality among Black patients with mechanical thrombectomy after large-vessel stroke at a US hospital. Neurosurgical Focus, 2021, 51, E9.	2.3	7
27	Intraventricular Tissue Plasminogen Activator and Shunt Dependency in Aneurysmal Subarachnoid Hemorrhage Patients With Cast Ventricles. Neurosurgery, 2021, 89, 973-977.	1.1	4
28	Treatment of octogenarians and nonagenarians with aneurysmal subarachnoid hemorrhage: a 17-year institutional analysis. Acta Neurochirurgica, 2021, 163, 2941-2946.	1.7	2
29	Reaccessing an occluded radial artery for neuroendovascular procedures: techniques and complication avoidance. Journal of NeuroInterventional Surgery, 2021, 13, 942-945.	3.3	10
30	Endovascular therapy versus microsurgical clipping of unruptured wide-neck aneurysms: a prospective multicenter study with propensity score analysis. Journal of Neurosurgery, 2021, , 1-8.	1.6	0
31	Management of Extracranial Blunt Cerebrovascular Injuries: Experience with an Aspirin-Based Approach. World Neurosurgery, 2020, 133, e385-e390.	1.3	15
32	Flow Diversion for Treatment of Intracranial Aneurysms in Pediatric Patients: Multicenter Case Series. Neurosurgery, 2020, 87, 53-62.	1.1	16
33	Onyx embolization of skull base paragangliomas: a single-center experience. Acta Neurochirurgica, 2020, 162, 821-829.	1.7	13
34	Postembolization Change in Magnetic Resonance Imaging Contrast Enhancement of Meningiomas Is a Better Predictor of Intraoperative Blood Loss Than Angiography. World Neurosurgery, 2020, 135, e679-e685.	1.3	3
35	Nationwide Trends in Carotid Endarterectomy and Carotid Artery Stenting in the Post-CREST Era. Stroke, 2020, 51, 579-587.	2.0	50
36	Optimizing Next-Generation Care Systems for Stroke. Stroke, 2020, 51, 3190-3191.	2.0	2

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37	Incidence, Pathophysiology, and Impact of Coronavirus Disease 2019 (COVID-19) on Acute Ischemic Stroke. World Neurosurgery, 2020, 142, 523-525.	1.3	7
38	Neurothrombectomy for Acute Ischemic Stroke Across Clinical Trial Design and Technique: A Single Center Pooled Analysis. Frontiers in Neurology, 2020, 11, 1047.	2.4	2
39	Multicenter Postmarket Analysis of the Neuroform Atlas Stent for Stent-Assisted Coil Embolization of Intracranial Aneurysms. American Journal of Neuroradiology, 2020, 41, 1037-1042.	2.4	16
40	C3a receptor antagonist therapy is protective with or without thrombolysis in murine thromboembolic stroke. British Journal of Pharmacology, 2020, 177, 2466-2477.	5.4	11
41	IL (Interleukin)-15 Bridges Astrocyte-Microglia Crosstalk and Exacerbates Brain Injury Following Intracerebral Hemorrhage. Stroke, 2020, 51, 967-974.	2.0	63
42	Wide-neck aneurysms: systematic review of the neurosurgical literature with a focus on definition and clinical implications. Journal of Neurosurgery, 2020, 133, 159-165.	1.6	29
43	Global brain inflammation in stroke. Lancet Neurology, The, 2019, 18, 1058-1066.	10.2	469
44	Acetyl-11-keto-β-boswellic acid (AKBA) Attenuates Oxidative Stress, Inflammation, Complement Activation and Cell Death in Brain Endothelial Cells Following OGD/Reperfusion. NeuroMolecular Medicine, 2019, 21, 505-516.	3.4	32
45	latrogenic pseudoaneurysm rupture of the anterior cerebral artery after placement of an external ventricular drain, treated with clip-wrapping: a case report and review of the literature. Acta Neurochirurgica, 2019, 161, 1371-1376.	1.7	3
46	C3a Receptor Inhibition Protects Brain Endothelial Cells Against Oxygen-glucose Deprivation/Reperfusion. Experimental Neurobiology, 2019, 28, 216-228.	1.6	18
47	Chronic inflammation, cognitive impairment, and distal brain region alteration following intracerebral hemorrhage. FASEB Journal, 2019, 33, 9616-9626.	0.5	47
48	The Role of Complement C3a Receptor in Stroke. NeuroMolecular Medicine, 2019, 21, 467-473.	3.4	11
49	Vascular. Operative Neurosurgery, 2019, 17, S76-S118.	0.8	3
50	Left Far Lateral Craniotomy for Clipping of a Posterior Inferior Cerebellar Artery Aneurysm. Journal of Neurological Surgery, Part B: Skull Base, 2019, 80, S341-S342.	0.8	0
51	Use of the Apollo detachable-tip microcatheter for endovascular embolization of arteriovenous malformations and arteriovenous fistulas. Journal of Neurosurgery, 2019, 130, 963-971.	1.6	19
52	Role of matrix metalloproteinases in the pathogenesis of intracranial aneurysms. Neurosurgical Focus, 2019, 47, E4.	2.3	42
53	Demographic and clinical predictors of multiple intracranial aneurysms in patients with subarachnoid hemorrhage. Journal of Neurosurgery, 2018, 128, 961-968.	1.6	33
54	Diagnostic Accuracy of Somatosensory Evoked Potential Monitoring in Evaluating Neurological Complications During Endovascular Aneurysm Treatment. Operative Neurosurgery, 2018, 14, 151-157.	0.8	13

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55	Fingolimod enhances the efficacy of delayed alteplase administration in acute ischemic stroke by promoting anterograde reperfusion and retrograde collateral flow. Annals of Neurology, 2018, 84, 717-728.	5.3	84
56	Activation of JAK/STAT3 restores NKâ€cell function and improves immune defense after brain ischemia. FASEB Journal, 2018, 32, 2757-2767.	0.5	20
57	Preoperative Embolization of Skull Base Meningiomas: Outcomes in the Onyx Era. World Neurosurgery, 2018, 116, e371-e379.	1.3	19
58	Abstract WP28: Safety and Feasibility of Angioplasty and Stenting in Symptomatic Internal Carotid Artery Occlusive Disease. Stroke, 2018, 49, .	2.0	0
59	Endovascular thrombectomy in the setting of aortic dissection. Journal of NeuroInterventional Surgery, 2017, 9, 17-20.	3.3	18
60	Republished: Development of syndrome of inappropriate antidiuretic hormone secretion (SIADH) after Onyx embolisation of a cavernous carotid fistula. Journal of NeuroInterventional Surgery, 2017, 9, e3-e3.	3.3	5
61	Endovascular treatment of previously clipped aneurysms: continued evolution of hybrid neurosurgery. Journal of NeuroInterventional Surgery, 2017, 9, 169-172.	3.3	14
62	Incidence of delivery wire recapture failure with the Pipeline Flex device. Journal of NeuroInterventional Surgery, 2017, 9, 571-573.	3.3	5
63	A rare but morbid neurosurgical target: petrous aneurysms and their endovascular management in the stent/flow diverter era. Journal of NeuroInterventional Surgery, 2017, 9, 381-383.	3.3	17
64	Management of latrogenic Direct Carotid Cavernous Fistula Occurring During Endovascular Treatment of Stroke. World Neurosurgery, 2017, 100, 710.e15-710.e20.	1.3	13
65	Interfacility Transfer Directly to the Neuroangiography Suite in Acute Ischemic Stroke Patients Undergoing Thrombectomy. Stroke, 2017, 48, 1884-1889.	2.0	66
66	Stent Retriever-Mediated Manual Aspiration Thrombectomy for Acute Ischemic Stroke. Interventional Neurology, 2017, 6, 16-24.	1.8	15
67	Motor cortex arteriovenous malformation. Neurosurgical Focus, 2017, 43, V2.	2.3	0
68	An Intraoperative Look at a Residual/Recurrent Tentorial Dural Arteriovenous Fistula. World Neurosurgery, 2017, 105, 1043.e7-1043.e9.	1.3	7
69	Social media and <i>JNIS:</i> expanding the digital clique. Journal of NeuroInterventional Surgery, 2017, 9, 913-914.	3.3	8
70	Endovascular Treatment of Tandem Common Carotid Artery Origin and Distal Intracranial Occlusion in Acute Ischemic Stroke. World Neurosurgery, 2017, 97, 360-365.	1.3	6
71	Epidemiology, clinical presentation, diagnostic evaluation, and prognosis of spinal arteriovenous malformations. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2017, 143, 145-152.	1.8	20
72	Tissue plasminogen activator mediates deleterious complement cascade activation in stroke. PLoS ONE, 2017, 12, e0180822.	2.5	32

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73	Development of syndrome of inappropriate antidiuretic hormone secretion (SIADH) after Onyx embolisation of a cavernous carotid fistula. BMJ Case Reports, 2016, 2016, bcr2015012104.	0.5	3
74	Prophylactic Antiepileptics and Seizure Incidence Following Subarachnoid Hemorrhage. Stroke, 2016, 47, 1754-1760.	2.0	38
75	Pipeline Embolization Device: Long-Term Outcome Data Flows In. World Neurosurgery, 2016, 85, 6-7.	1.3	3
76	The efficacy and risks of preoperative embolization of spinal tumors. Journal of NeuroInterventional Surgery, 2016, 8, 859-864.	3.3	22
77	Middle meningeal arteriovenous fistulas: A rare and potentially high-risk dural arteriovenous fistula. , 2016, 7, 219.		10
78	Incidence of delayed angiographic femoral artery complications using the EXOSEAL vascular closure device. Interventional Neuroradiology, 2015, 21, 401-406.	1.1	9
79	The Dynamic Gait Index in Evaluating Patients with Normal Pressure Hydrocephalus for Cerebrospinal Fluid Diversion. World Neurosurgery, 2015, 84, 1871-1876.	1.3	9
80	Management of Bilateral Carotid Occlusive Disease. Interventional Neurology, 2015, 4, 96-103.	1.8	5
81	Methamphetamine use is an independent predictor of poor outcome after aneurysmal subarachnoid hemorrhage. Journal of NeuroInterventional Surgery, 2015, 7, 346-350.	3.3	23
82	The Genetics of Aneurysms: A Complex Pathophysiology Requiring Complex Analysis. World Neurosurgery, 2015, 83, 280-281.	1.3	2
83	Time Is Brain: A Critical Analysis of the EXTEND-IA and ESCAPE Trials. World Neurosurgery, 2015, 83, 949-951.	1.3	4
84	Coil herniation following intra-arterial verapamil infusion for the treatment of cerebral vasospasm: Case report and literature review. Interventional Neuroradiology, 2015, 21, 184-187.	1.1	4
85	Neurological morbidity and mortality associated with the endovascular treatment of cerebral arteriovenous malformations before and during the Onyx era. Journal of Neurosurgery, 2015, 122, 1492-1497.	1.6	83
86	A rare marginal tentorial artery to ophthalmic artery anastomosis. Journal of Clinical Neuroscience, 2015, 22, 773-774.	1.5	5
87	Balloon remodeling of complex anterior communicating artery aneurysms: technical considerations and complications. Journal of NeuroInterventional Surgery, 2015, 7, 418-424.	3.3	19
88	A reappraisal of the Pipeline embolization device for the treatment of posterior circulation aneurysms. Journal of NeuroInterventional Surgery, 2015, 7, 641-645.	3.3	75
89	20-HETE is Associated with Unfavorable Outcomes in Subarachnoid Hemorrhage Patients. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 1515-1522.	4.3	33
90	Administration of 4-Factor Prothrombin Complex Concentrate as an Antidote for Intracranial Bleeding in Patients Taking Direct Factor Xa Inhibitors. World Neurosurgery, 2015, 84, 1956-1961.	1.3	78

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91	Klippel-Trenaunay syndrome and cavernous malformations. BMJ Case Reports, 2014, 2014, bcr2014207486-bcr2014207486.	0.5	6
92	Long-term patency of venous sinus stents for idiopathic intracranial hypertension. Journal of NeuroInterventional Surgery, 2014, 6, 238-242.	3.3	61
93	Novel application of a balloon-anchoring technique for the realignment of a prolapsed Pipeline Embolization Device: a technical report. Journal of NeuroInterventional Surgery, 2014, 6, 439-444.	3.3	24
94	Four-Dimensional Digital Subtraction Angiography: Implementation and Demonstration of Feasibility. World Neurosurgery, 2014, 81, 454-455.	1.3	5
95	Diagnosis and Management of Bow Hunter's Syndrome: 15-Year Experience at BarrowÂNeurological Institute. World Neurosurgery, 2014, 82, 733-738.	1.3	70
96	The Evolution of Endovascular Treatment of Carotid Cavernous Fistulas: A Single-Center Experience. World Neurosurgery, 2013, 80, 538-548.	1.3	86
97	Balloon-Pump Counterpulsation for Management of Severe Cardiac Dysfunction After Aneurysmal Subarachnoid Hemorrhage. World Neurosurgery, 2013, 80, e347-e352.	1.3	29
98	Reconstructive endovascular treatment of a ruptured vertebral artery dissecting aneurysm using the Pipeline embolization device. Journal of NeuroInterventional Surgery, 2013, 5, e20-e20.	3.3	47
99	Endovascular management of spinal arteriovenous malformations. Journal of NeuroInterventional Surgery, 2013, 5, 605-611.	3.3	27
100	GM1485, a nonimmunosuppressive immunophilin ligand, promotes neurofunctional improvement and neural regeneration following stroke. Journal of Neuroscience Research, 2012, 90, 1413-1423.	2.9	2
101	The surgical management of chronic subdural hematoma. Neurosurgical Review, 2012, 35, 155-169.	2.4	371
102	Complement Inhibition Promotes Endogenous Neurogenesis and Sustained Anti-Inflammatory Neuroprotection following Reperfused Stroke. PLoS ONE, 2012, 7, e38664.	2.5	66
103	Preclinical Evaluation of Postischemic Dehydroascorbic Acid Administration in a Large-Animal Stroke Model. Translational Stroke Research, 2011, 2, 399-403.	4.2	11
104	The Neuroprotective Effect of Genetic Mannose-Binding Lectin Deficiency Is Not Sustained in the Subacute Phase of Stroke. Translational Stroke Research, 2011, 2, 588-599.	4.2	26
105	Paradoxical exacerbation of neuronal injury in reperfused stroke despite improved blood flow and reduced inflammation in early growth response-1 gene-deleted mice. Neurological Research, 2011, 33, 717-725.	1.3	9
106	Exacerbation of Perihematomal Edema and Sterile Meningitis With Intraventricular Administration of Tissue Plasminogen Activator in Patients With Intracerebral Hemorrhage. Neurosurgery, 2010, 66, 648-655.	1.1	47
107	Intracranial infectious aneurysms: a comprehensive review. Neurosurgical Review, 2010, 33, 37-46.	2.4	222
108	Genetic Determinants of Cerebral Vasospasm, Delayed Cerebral Ischemia, and Outcome after Aneurysmal Subarachnoid Hemorrhage. Journal of Cerebral Blood Flow and Metabolism, 2010, 30, 676-688.	4.3	36

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109	Impact of platelet transfusion on hematoma expansion in patients receiving antiplatelet agents before intracerebral hemorrhage. Neurological Research, 2010, 32, 706-710.	1.3	64
110	C3a Receptor Antagonist Attenuates Brain Injury after Intracerebral Hemorrhage. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 98-107.	4.3	73
111	The complement cascade as a therapeutic target in intracerebral hemorrhage. Experimental Neurology, 2009, 219, 398-403.	4.1	106
112	Pharmacotherapy of cerebral ischemia. Expert Opinion on Pharmacotherapy, 2009, 10, 1895-1906.	1.8	14
113	C3a Receptor Modulation of Granulocyte Infiltration after Murine Focal Cerebral Ischemia is Reperfusion Dependent. Journal of Cerebral Blood Flow and Metabolism, 2008, 28, 1048-1058.	4.3	77
114	Pre-clinical evaluation of an sLex-glycosylated complement inhibitory protein in a non-human primate model of reperfused stroke. Journal of Medical Primatology, 2007, 36, 375-380.	0.6	23
115	Complement Component C3 Mediates Inflammatory Injury Following Focal Cerebral Ischemia. Circulation Research, 2006, 99, 209-217.	4.5	196