Adnan H Siddiqui

List of Publications by Year
in descending order

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312	19,477	26630 56	13379 130
papers	citations	h-index	g-index

314	314	314	11751
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stent-Retriever Thrombectomy after Intravenous t-PA vs. t-PA Alone in Stroke. New England Journal of Medicine, 2015, 372, 2285-2295.	27.0	4,255
2	Time to Treatment With Endovascular Thrombectomy and Outcomes From Ischemic Stroke: A Meta-analysis. JAMA - Journal of the American Medical Association, 2016, 316, 1279.	7.4	1,617
3	Recommendations on Angiographic Revascularization Grading Standards for Acute Ischemic Stroke. Stroke, 2013, 44, 2650-2663.	2.0	1,264
4	Pipeline for Uncoilable or Failed Aneurysms: Results from a Multicenter Clinical Trial. Radiology, 2013, 267, 858-868.	7.3	937
5	Hemodynamicâ€“Morphologic Discriminants for Intracranial Aneurysm Rupture. Stroke, 2011, 42, 144-152.	2.0	612
6	MORPHOLOGY PARAMETERS FOR INTRACRANIAL ANEURYSM RUPTURE RISK ASSESSMENT. Neurosurgery, 2008, 63, 185-197.	1.1	445
7	Aspiration thrombectomy versus stent retriever thrombectomy as first-line approach for large vessel occlusion (COMPASS): a multicentre, randomised, open label, blinded outcome, non-inferiority trial. Lancet, The, 2019, 393, 998-1008.	13.7	365
8	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. Neurosurgery, 2017, 80, 40-48.	1.1	346
9	Interhospital Transfer Before Thrombectomy Is Associated With Delayed Treatment and Worse Outcome in the STRATIS Registry (Systematic Evaluation of Patients Treated With Neurothrombectomy) Tj ETQq1 1.0.784314 rgBT /Ov	1.0	432
10	Results of the ROADSTER multicenter trial of transcarotid stenting with dynamic flow reversal. Journal of Vascular Surgery, 2015, 62, 1227-1234.e1.	1.1	302
11	Panacea or problem: flow diverters in the treatment of symptomatic large or giant fusiform vertebrobasilar aneurysms. Journal of Neurosurgery, 2012, 116, 1258-1266.	1.6	278
12	Correlation of imaging and histopathology of thrombi in acute ischemic stroke with etiology and outcome: a systematic review. Journal of NeuroInterventional Surgery, 2017, 9, 529-534.	3.3	208
13	Size Ratio Correlates With Intracranial Aneurysm Rupture Status. Stroke, 2010, 41, 916-920.	2.0	186
14	Prospective study on embolization of intracranial aneurysms with the pipeline device: the PREMIER study 1 year results. Journal of NeuroInterventional Surgery, 2020, 12, 62-66.	3.3	178
15	Safety and efficacy of the Pipeline embolization device for treatment of intracranial aneurysms: a pooled analysis of 3 large studies. Journal of Neurosurgery, 2017, 127, 775-780.	1.6	169
16	Aneurysm Study of Pipeline in an Observational Registry (ASPIRe). Interventional Neurology, 2016, 5, 89-99.	1.8	162
17	Pipeline for uncoilable or failed aneurysms: 3-year follow-up results. Journal of Neurosurgery, 2017, 127, 81-88.	1.6	162
18	Ischemic core and hypoperfusion volumes predict infarct size in <scp>SWIFT PRIME</scp>. Annals of Neurology, 2016, 79, 76-89.	5.3	155

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19	Early Postmarket Results After Treatment of Intracranial Aneurysms With the Pipeline Embolization Device. Neurosurgery, 2012, 71, 1080-1088.	1.1	145
20	Thrombectomy alone versus intravenous alteplase plus thrombectomy in patients with stroke: an open-label, blinded-outcome, randomised non-inferiority trial. Lancet, The, 2022, 400, 104-115.	13.7	145
21	Thrombectomy for anterior circulation stroke beyond 6 h from time last known well (AURORA): a systematic review and individual patient data meta-analysis. Lancet, The, 2022, 399, 249-258.	13.7	144
22	Complications After Treatment With Pipeline Embolization for Giant Distal Intracranial Aneurysms With or Without Coil Embolization. Neurosurgery, 2012, 71, E509-E513.	1.1	135
23	Clinical and Procedural Predictors of Outcomes From the Endovascular Treatment of Posterior Circulation Strokes. Stroke, 2016, 47, 782-788.	2.0	130
24	Carotid Stenting With Antithrombotic Agents and Intracranial Thrombectomy Leads to the Highest Recanalization Rate in Patients With Acute Stroke With Tandem Lesions. JACC: Cardiovascular Interventions, 2018, 11, 1290-1299.	2.9	129
25	A Multicenter Study of Stent-Assisted Coiling of Cerebral Aneurysms With a Y Configuration. Neurosurgery, 2013, 73, 466-472.	1.1	118
26	Mechanical Thrombectomy for Isolated M2 Occlusions: A Post Hoc Analysis of the STAR, SWIFT, and SWIFT PRIME Studies. American Journal of Neuroradiology, 2016, 37, 667-672.	2.4	116
27	Primary Results of the Multicenter ARISE II Study (Analysis of Revascularization in Ischemic Stroke) Tj ETQq1 1 0.784314 rgBT /Overlo	2.0	116
28	Thrombus density predicts successful recanalization with Solitaire stent retriever thrombectomy in acute ischemic stroke: TableÂ1. Journal of NeuroInterventional Surgery, 2015, 7, 104-107.	3.3	115
29	Cost-Effectiveness of Solitaire Stent Retriever Thrombectomy for Acute Ischemic Stroke. Stroke, 2017, 48, 379-387.	2.0	115
30	Utilization of Pipeline embolization device for treatment of ruptured intracranial aneurysms: US multicenter experience. Journal of NeuroInterventional Surgery, 2015, 7, 808-815.	3.3	113
31	Computer modeling of deployment and mechanical expansion of neurovascular flow diverter in patient-specific intracranial aneurysms. Journal of Biomechanics, 2012, 45, 2256-2263.	2.1	109
32	Use of Platelet Function Testing Before Pipeline Embolization Device Placement. Stroke, 2017, 48, 1322-1330.	2.0	109
33	Nascent Aneurysm Formation at the Basilar Terminus Induced by Hemodynamics. Stroke, 2008, 39, 2085-2090.	2.0	108
34	Challenges and limitations of patient-specific vascular phantom fabrication using 3D Polyjet printing. Proceedings of SPIE, 2014, 9038, 90380M.	0.8	104
35	The safety of Pipeline flow diversion in fusiform vertebrobasilar aneurysms: a consecutive case series with longer-term follow-up from a single US center. Journal of Neurosurgery, 2016, 125, 111-119.	1.6	102
36	Use of Coils in Conjunction With the Pipeline Embolization Device for Treatment of Intracranial Aneurysms. Neurosurgery, 2015, 76, 142-149.	1.1	96

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37	Predictive Value of RAPID Assessed Perfusion Thresholds on Final Infarct Volume in SWIFT PRIME (Solitaire With the Intention for Thrombectomy as Primary Endovascular Treatment). Stroke, 2017, 48, 932-938.	2.0	94
38	Medical Management vs Mechanical Thrombectomy for Mild Strokes. JAMA Neurology, 2020, 77, 16.	9.0	94
39	Safety and Effectiveness of Embolization for Chronic Subdural Hematoma: Systematic Review and Case Series. World Neurosurgery, 2019, 126, 228-236.	1.3	91
40	Treatment of Distal Anterior Circulation Aneurysms With the Pipeline Embolization Device. Neurosurgery, 2016, 79, 14-22.	1.1	89
41	Impact of Balloon Guide Catheter Use on Clinical and Angiographic Outcomes in the STRATIS Stroke Thrombectomy Registry. Stroke, 2019, 50, 697-704.	2.0	87
42	CLINICAL AND ANGIOGRAPHIC OUTCOME AFTER ENDOVASCULAR MANAGEMENT OF GIANT INTRACRANIAL ANEURYSMS. Neurosurgery, 2008, 63, 662-675.	1.1	85
43	Risk Factors for Ischemic Complications following Pipeline Embolization Device Treatment of Intracranial Aneurysms: Results from the IntrePED Study. American Journal of Neuroradiology, 2016, 37, 1673-1678.	2.4	84
44	Society of NeuroInterventional Surgery recommendations for the care of emergent neurointerventional patients in the setting of COVID-19. Journal of NeuroInterventional Surgery, 2020, 12, 539-541.	3.3	83
45	Direct carotid artery puncture access for endovascular treatment of acute ischemic stroke: technical aspects, advantages, and limitations. Journal of NeuroInterventional Surgery, 2015, 7, 108-113.	3.3	80
46	Pipeline embolization of posterior circulation aneurysms: a multicenter study of 131 aneurysms. Journal of Neurosurgery, 2019, 130, 923-935.	1.6	69
47	Progressive aneurysm development following hemodynamic insult. Journal of Neurosurgery, 2011, 114, 1095-1103.	1.6	67
48	Pipeline Embolization Device for Small Intracranial Aneurysms: Evaluation of Safety and Efficacy in a Multicenter Cohort. Neurosurgery, 2017, 80, 579-587.	1.1	67
49	Predictors of Incomplete Occlusion following Pipeline Embolization of Intracranial Aneurysms: Is It Less Effective in Older Patients?. American Journal of Neuroradiology, 2017, 38, 2295-2300.	2.4	66
50	Wide-neck bifurcation aneurysms of the middle cerebral artery and basilar apex treated by endovascular techniques: a multicentre, core lab adjudicated study evaluating safety and durability of occlusion (BRANCH). Journal of NeuroInterventional Surgery, 2019, 11, 31-36.	3.3	66
51	Neuroform Atlas Stent System for the treatment of intracranial aneurysm: primary results of the Atlas Humanitarian Device Exemption cohort. Journal of NeuroInterventional Surgery, 2019, 11, 801-806.	3.3	64
52	High-fidelity virtual stenting: modeling of flow diverter deployment for hemodynamic characterization of complex intracranial aneurysms. Journal of Neurosurgery, 2015, 123, 832-840.	1.6	62
53	Sex Differences in Outcome After Endovascular Stroke Therapy for Acute Ischemic Stroke. Stroke, 2019, 50, 2420-2427.	2.0	62
54	Outcome prediction of intracranial aneurysm treatment by flow diverters using machine learning. Neurosurgical Focus, 2018, 45, E7.	2.3	61

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55	High Fidelity Virtual Stenting (HiFiVS) for Intracranial Aneurysm Flow Diversion: In Vitro and In Silico. Annals of Biomedical Engineering, 2013, 41, 2143-2156.	2.5	60
56	A proposed grading system for endovascular treatment of cerebral arteriovenous malformations: Buffalo score. , 2015, 6, 3.		60
57	Acute Ischemic Stroke and Infections. Journal of Stroke and Cerebrovascular Diseases, 2011, 20, 1-9.	1.6	58
58	What to do about fibrin rich â€˜tough clotsâ€™? Comparing the Solitaire stent retriever with a novel geometric clot extractor in an in vitro stroke model. Journal of NeuroInterventional Surgery, 2018, 10, 907-910.	3.3	58
59	Shared and Distinct Rupture Discriminants of Small and Large Intracranial Aneurysms. Stroke, 2018, 49, 856-864.	2.0	58
60	Recommendations for Multimodal Noninvasive and Invasive Screening for Detection of Extracranial Venous Abnormalities Indicative of Chronic Cerebrospinal Venous Insufficiency: A Position Statement of the International Society for Neurovascular Disease. Journal of Vascular and Interventional Radiology, 2014, 25, 1785-1794.e17.	0.5	57
61	Intracerebral hemorrhage secondary to intravenous and endovascular intraarterial revascularization therapies in acute ischemic stroke: an update on risk factors, predictors, and management. Neurosurgical Focus, 2012, 32, E2.	2.3	55
62	Finite element modeling of endovascular coiling and flow diversion enables hemodynamic prediction of complex treatment strategies for intracranial aneurysm. Journal of Biomechanics, 2015, 48, 3332-3340.	2.1	54
63	Emergent Carotid Stenting Plus Thrombectomy After Thrombolysis in Tandem Strokes. Stroke, 2019, 50, 2250-2252.	2.0	54
64	Thrombectomy in Acute Stroke With Tandem Occlusions From Dissection Versus Atherosclerotic Cause. Stroke, 2017, 48, 3145-3148.	2.0	53
65	ASPECTS (Alberta Stroke Program Early CT Score) Measurement Using Hounsfield Unit Values When Selecting Patients for Stroke Thrombectomy. Stroke, 2017, 48, 1574-1579.	2.0	51
66	Is Bridging with Intravenous Thrombolysis of Any Benefit in Endovascular Therapy for Acute Ischemic Stroke?. World Neurosurgery, 2014, 82, e453-e458.	1.3	50
67	Hemodynamicâ€“morphological discriminant models for intracranial aneurysm rupture remain stable with increasing sample size. Journal of NeuroInterventional Surgery, 2016, 8, 104-110.	3.3	50
68	Training Standards in Neuroendovascular Surgery: Program Accreditation and Practitioner Certification. Stroke, 2017, 48, 2318-2325.	2.0	48
69	Endovascular Therapy of Anterior Circulation Tandem Occlusions. Stroke, 2021, 52, 3097-3105.	2.0	48
70	Rupture Resemblance Score (RRS): toward risk stratification of unruptured intracranial aneurysms using hemodynamicâ€“morphological discriminants. Journal of NeuroInterventional Surgery, 2015, 7, 490-495.	3.3	47
71	Assessment of computed tomography perfusion software in predicting spatial location and volume of infarct in acute ischemic stroke patients: a comparison of Sphere, Vitrea, and RAPID. Journal of NeuroInterventional Surgery, 2021, 13, 130-135.	3.3	47
72	Increasing Flow Diversion for Cerebral Aneurysm Treatment Using a Single Flow Diverter. Neurosurgery, 2014, 75, 286-294.	1.1	46

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73	Stent retriever thrombectomy with the Cover accessory device versus proximal protection with a balloon guide catheter: in vitro stroke model comparison. Journal of NeuroInterventional Surgery, 2016, 8, 413-417.	3.3	45
74	Pivotal Trial of the Neuroform Atlas Stent for Treatment of Anterior Circulation Aneurysms. Stroke, 2020, 51, 2087-2094.	2.0	45
75	Effect of definition and methods on estimates of prevalence of large vessel occlusion in acute ischemic stroke: a systematic review and meta-analysis. Journal of NeuroInterventional Surgery, 2020, 12, 260-265.	3.3	44
76	Prospective randomized trial of venous angioplasty in MS (PREMiSe). Neurology, 2014, 83, 441-449.	1.1	43
77	Endovascular treatment of cerebral venous thrombosis: Contemporary multicenter experience. Interventional Neuroradiology, 2015, 21, 520-526.	1.1	40
78	Compacting a Single Flow Diverter versus Overlapping Flow Diverters for Intracranial Aneurysms: A Computational Study. American Journal of Neuroradiology, 2017, 38, 603-610.	2.4	39
79	Risk of Branch Occlusion and Ischemic Complications with the Pipeline Embolization Device in the Treatment of Posterior Circulation Aneurysms. American Journal of Neuroradiology, 2018, 39, 1303-1309.	2.4	39
80	The Pipeline embolization device for treatment of intracranial aneurysms. Expert Review of Medical Devices, 2014, 11, 137-150.	2.8	38
81	Outcomes in patients with acute ischemic stroke from proximal intracranial vessel occlusion and NIHSS score below 8. Journal of NeuroInterventional Surgery, 2014, 6, 413-417.	3.3	38
82	A comparison of direct aspiration versus stent retriever as a first approach (â€˜COMPASSâ€™): protocol. Journal of NeuroInterventional Surgery, 2018, 10, 953-957.	3.3	38
83	Assessment of a Bayesian Vitrea CT Perfusion Analysis to Predict Final Infarct and Penumbra Volumes in Patients with Acute Ischemic Stroke: A Comparison with RAPID. American Journal of Neuroradiology, 2020, 41, 206-212.	2.4	38
84	Radial first or patient first: a case series and meta-analysis of transradial versus transfemoral access for acute ischemic stroke intervention. Journal of NeuroInterventional Surgery, 2021, 13, 687-692.	3.3	38
85	The Use of Flow Diversion for the Treatment of Intracranial Aneurysms: Expansion of Indications. Cureus, 2016, 8, e472.	0.5	37
86	3D printed abdominal aortic aneurysm phantom for image guided surgical planning with a patient specific fenestrated endovascular graft system. Proceedings of SPIE, 2017, 10138, .	0.8	36
87	Increased Perviousness on CT for Acute Ischemic Stroke is Associated with Fibrin/Platelet-Rich Clots. American Journal of Neuroradiology, 2021, 42, 57-64.	2.4	36
88	C5a induces caspaseâ€dependent apoptosis in brain vascular endothelial cells in experimental lupus. Immunology, 2016, 148, 407-419.	4.4	35
89	Recent Endovascular Stroke Trials and Their Impact on Stroke Systems of Care. Journal of the American College of Cardiology, 2016, 67, 2645-2655.	2.8	33
90	Safety and Efficacy of the Sofia (6F) PLUS Distal Access Reperfusion Catheter in the Endovascular Treatment of Acute Ischemic Stroke. Neurosurgery, 2018, 82, 312-321.	1.1	32

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91	In vivo canine study of three different coatings applied to p64 flow-diverter stents: initial biocompatibility study. European Radiology Experimental, 2019, 3, 3.	3.4	32
92	A2, M2, P2 aneurysms and beyond: results of treatment with pipeline embolization device in 65 patients. Journal of NeuroInterventional Surgery, 2019, 11, 903-907.	3.3	32
93	Endovascular thrombectomy in pediatric patients with large vessel occlusion. Journal of NeuroInterventional Surgery, 2019, 11, 729-732.	3.3	32
94	Carotid and Vertebral Dissection Imaging. Current Pain and Headache Reports, 2016, 20, 68.	2.9	31
95	Transverse venous stenting for the treatment of idiopathic intracranial hypertension, or pseudotumor cerebri. Neurosurgical Focus, 2018, 45, E11.	2.3	31
96	Effect of hemodynamics on outcome of subtotally occluded paraclinoid aneurysms after stent-assisted coil embolization. Journal of NeuroInterventional Surgery, 2016, 8, 1140-1147.	3.3	30
97	Flow Diversion for the Treatment of Basilar Apex Aneurysms. Neurosurgery, 2018, 83, 1298-1305.	1.1	30
98	Biomarkers from circulating neutrophil transcriptomes have potential to detect unruptured intracranial aneurysms. Journal of Translational Medicine, 2018, 16, 373.	4.4	30
99	Assessment of an Artificial Intelligence Algorithm for Detection of Intracranial Hemorrhage. World Neurosurgery, 2021, 150, e209-e217.	1.3	30
100	Use of the Microangiographic Fluoroscope for Coiling of Intracranial Aneurysms. Neurosurgery, 2011, 69, 1131-1138.	1.1	29
101	Understanding risk factors for perioperative ischemic events with carotid stenting: is patient age over 80â€…years or is unfavorable arch anatomy to blame?. Journal of NeuroInterventional Surgery, 2014, 6, 219-224.	3.3	29
102	State of Acute Endovascular Therapy. Stroke, 2015, 46, 1727-1734.	2.0	29
103	ASPECTS, Large Vessel Occlusion, and Time of Symptom Onset: Estimation of Eligibility for Endovascular Therapy. Neurosurgery, 2018, 83, 122-127.	1.1	29
104	Aneurysmal Remodeling in the Circle of Willis after Carotid Occlusion in an Experimental Model. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 415-424.	4.3	28
105	Circulating neutrophil transcriptome may reveal intracranial aneurysm signature. PLoS ONE, 2018, 13, e0191407.	2.5	28
106	Transradial embolization of the left middle meningeal artery and accessory middle meningeal artery for treatment of subacuteâ€“chronic subdural hematoma. Journal of NeuroInterventional Surgery, 2020, 12, 436-436.	3.3	28
107	Differences in Morphologic and Hemodynamic Characteristics for â€œPHASES-Basedâ€•Intracranial Aneurysm Locations. American Journal of Neuroradiology, 2017, 38, 2105-2110.	2.4	27
108	Challenges of Acute Endovascular Stroke Trials. Stroke, 2014, 45, 3116-3122.	2.0	26

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109	Ischemic Stroke After Treatment of Intraprocedural Thrombosis During Stent-Assisted Coiling and Flow Diversion. Stroke, 2017, 48, 1098-1100.	2.0	26
110	Better Outcomes and Reduced Hospitalization Cost are Associated with Ultra-Early Treatment of Ruptured Intracranial Aneurysms: A US Nationwide Data Sample Study. Neurosurgery, 2018, 82, 497-505.	1.1	26
111	Clot perviousness is associated with first pass success of aspiration thrombectomy in the COMPASS trial. Journal of NeuroInterventional Surgery, 2021, 13, 509-514.	3.3	26
112	Effect of extracranial lesion severity on outcome of endovascular thrombectomy in patients with anterior circulation tandem occlusion: analysis of the TITAN registry. Journal of NeuroInterventional Surgery, 2019, 11, 970-974.	3.3	25
113	Neck Remnants and the Risk of Aneurysm Rupture After Endovascular Treatment With Coiling or Stent-Assisted Coiling: Much Ado About Nothing?. Neurosurgery, 2019, 84, 421-427.	1.1	25
114	Aneurysm characteristics, coil packing, and post-coiling hemodynamics affect long-term treatment outcome. Journal of NeuroInterventional Surgery, 2020, 12, 706-713.	3.3	25
115	Endovascular therapy with or without intravenous thrombolysis in acute stroke with tandem occlusion. Journal of NeuroInterventional Surgery, 2022, 14, 314-320.	3.3	25
116	Submaximal Angioplasty for Symptomatic Intracranial Atherosclerotic Disease: A Meta-Analysis of Peri-Procedural and Long-Term Risk. Neurosurgery, 2020, 86, 755-762.	1.1	24
117	Woven EndoBridge device for ruptured aneurysms: perioperative results of a US multicenter experience. Journal of NeuroInterventional Surgery, 2021, 13, 1012-1016.	3.3	24
118	POSITIVE: Perfusion imaging selection of ischemic stroke patients for endovascular therapy. Journal of NeuroInterventional Surgery, 2022, 14, 126-132.	3.3	24
119	Large Vessel Occlusion in Acute Ischemic Stroke Patients: A Dual-Center Estimate Based on a Broad Definition of Occlusion Site. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 104504.	1.6	23
120	Transradial middle meningeal artery embolization for chronic subdural hematoma using Onyx: case series. Journal of NeuroInterventional Surgery, 2020, 12, neurintsurg-2020-016185.	3.3	23
121	Endovascular therapy of wake-up strokes in the modern era of stent retriever thrombectomy. Journal of NeuroInterventional Surgery, 2016, 8, 240-243.	3.3	22
122	Transition to Transradial Access for Mechanical Thrombectomyâ€"Lessons Learned and Comparison to Transfemoral Access in a Single-Center Case Series. Operative Neurosurgery, 2020, 19, 701-707.	0.8	22
123	Double-Barrel Stent-Assisted Coiling of a Basilar Artery Fenestration Aneurysm. , 2013, 23, 496-499.		21
124	Proximal versus Distal Protection During Carotid Artery Stenting: Analysis of the Two Treatment Approaches and Associated Clinical Outcomes. World Neurosurgery, 2014, 81, 543-548.	1.3	21
125	Computer-Assisted Three-Dimensional Morphology Evaluation of Intracranial Aneurysms. World Neurosurgery, 2018, 119, e541-e550.	1.3	21
126	The professional and personal impact of the coronavirus pandemic on US neurointerventional practices: a nationwide survey. Journal of NeuroInterventional Surgery, 2020, 12, 927-931.	3.3	21

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127	Endothelial Nitric Oxide Synthase and Superoxide Mediate Hemodynamic Initiation of Intracranial Aneurysms. PLoS ONE, 2014, 9, e101721.	2.5	21
128	Artificial Intelligence for Large-Vessel Occlusion Stroke: A Systematic Review. World Neurosurgery, 2022, 159, 207-220.e1.	1.3	21
129	Endovascular Management and Treatment of Acute Ischemic Stroke. Neurosurgery Clinics of North America, 2014, 25, 583-592.	1.7	20
130	Head or Neck First? Speed and Rates of Reperfusion in Thrombectomy for Tandem Large Vessel Occlusion Strokes. Interventional Neurology, 2019, 8, 92-100.	1.8	20
131	Design and Physical Properties of 3-Dimensional Printed Models Used for Neurointervention: A Systematic Review of the Literature. Neurosurgery, 2020, 87, E445-E453.	1.1	20
132	Mechanical thrombectomy versus intravenous thrombolysis for distal large-vessel occlusion: a systematic review and meta-analysis of observational studies. Neurosurgical Focus, 2021, 51, E5.	2.3	20
133	Correlation between cerebral blood volume values and outcomes in endovascular therapy for acute ischemic stroke. Journal of NeuroInterventional Surgery, 2015, 7, 705-708.	3.3	19
134	One swallow does not a summer make but many swallows do: accumulating clinical evidence for nearly-eliminated peri-procedural and 30-day complications with mesh-covered stents transforms the carotid revascularisation field. Postepy W Kardiologii Interwencyjnej, 2017, 2, 95-106.	0.2	19
135	â€˜Real-worldâ€™ comparison of first-line direct aspiration and stent retriever mechanical thrombectomy for the treatment of acute ischemic stroke in the anterior circulation: a multicenter international retrospective study. Journal of NeuroInterventional Surgery, 2019, 11, 957-963.	3.3	18
136	Assessment of distal access catheter performance during neuroendovascular procedures: measuring force in three-dimensional patient specific phantoms. Journal of NeuroInterventional Surgery, 2019, 11, 619-622.	3.3	18
137	Collagen Turnover in Relation to Risk Factors and Hemodynamics in Human Intracranial Aneurysms. Stroke, 2020, 51, 1624-1628.	2.0	18
138	Association between hemodynamic modifications and clinical outcome of intracranial aneurysms treated using flow diverters. Proceedings of SPIE, 2017, 10135, .	0.8	17
139	Flow Diversion after Aneurysmal Subarachnoid Hemorrhage. Neurosurgery Clinics of North America, 2017, 28, 375-388.	1.7	17
140	Hemodynamics in a Middle Cerebral Artery Aneurysm Before Its Growth and Fatal Rupture: Case Study and Review of the Literature. World Neurosurgery, 2018, 119, e395-e402.	1.3	17
141	Ostium Ratio and Neck Ratio Could Predict the Outcome of Sidewall Intracranial Aneurysms Treated with Flow Diverters. American Journal of Neuroradiology, 2019, 40, 288-294.	2.4	17
142	Transradial access for flow diversion of intracranial aneurysms: Case series. Interventional Neuroradiology, 2021, 27, 68-74.	1.1	17
143	Endovascular coil embolization of a very small ruptured aneurysm using a novel microangiographic technique: technical note. Journal of NeuroInterventional Surgery, 2013, 5, e2-e2.	3.3	16
144	Combined use of covered stent and flow diversion to seal iatrogenic carotid injury with vessel preservation during transsphenoidal endoscopic resection of clival tumor. , 2014, 5, 81.		16

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145	Feasibility, Safety, and Periprocedural Complications of Pipeline Embolization for Intracranial Aneurysm Treatment Under Conscious Sedation. Operative Neurosurgery, 2015, 11, 426-430.	0.8	16
146	An international multicenter retrospective study to survey the landscape of thrombectomy in the treatment of anterior circulation acute ischemic stroke: outcomes with respect to age. Journal of NeuroInterventional Surgery, 2020, 12, 115-121.	3.3	16
147	Neuroendovascular clinical trials disruptions due to COVID-19. Potential future challenges and opportunities. Journal of NeuroInterventional Surgery, 2020, 12, 831-835.	3.3	16
148	Semi-automated measurement of vascular tortuosity and its implications for mechanical thrombectomy performance. Neuroradiology, 2021, 63, 381-389.	2.2	16
149	Cerebral aneurysm flow diverter modeled as a thin inhomogeneous porous medium in hemodynamic simulations. Computers in Biology and Medicine, 2021, 139, 104988.	7.0	16
150	Intracranial Collateral Anastomoses: Relevance to Endovascular Procedures. Neurosurgery Clinics of North America, 2009, 20, 279-296.	1.7	15
151	Whole-Brain Computed Tomographic Perfusion Imaging in Acute Cerebral Venous Sinus Thrombosis. Interventional Neurology, 2015, 4, 104-112.	1.8	15
152	Design optimization for accurate flow simulations in 3D printed vascular phantoms derived from computed tomography angiography. Proceedings of SPIE, 2017, 10138, .	0.8	15
153	Institutional and provider variations for mechanical thrombectomy in the treatment of acute ischemic stroke: a survey analysis. Journal of NeuroInterventional Surgery, 2019, 11, 884-890.	3.3	15
154	Treatment of ruptured intracranial aneurysms with the Woven EndoBridge device: a systematic review. Journal of NeuroInterventional Surgery, 2022, 14, 366-370.	3.3	15
155	Endovascular treatment of posterior circulation aneurysms. Neurological Research, 2014, 36, 339-343.	1.3	14
156	Nuisance bleeding complications in patients with cerebral aneurysm treated with Pipeline embolization device. Journal of NeuroInterventional Surgery, 2021, 13, 247-250.	3.3	14
157	Learning curves for transradial access versus transfemoral access in diagnostic cerebral angiography: a case series. Journal of NeuroInterventional Surgery, 2022, 14, 174-178.	3.3	14
158	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
159	Carotid Artery Stenting for Primary and Secondary Stroke Prevention. World Neurosurgery, 2011, 76, S40-S59.	1.3	13
160	Direct access to the middle meningeal artery for embolization of complex dural arteriovenous fistula: a hybrid treatment approach. Journal of NeuroInterventional Surgery, 2015, 7, e24-e24.	3.3	13
161	A joint statement from the Neurointerventional Societies: our position on operator experience and training for stroke thrombectomy. Journal of NeuroInterventional Surgery, 2019, 11, 533-534.	3.3	13
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