Maxim Mokin

List of Publications by Year
in descending order

121	4,070	109264	138417
papers	citations	35 h-index	58 g-index

122	122	122	4551
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	ADAPT FAST study: a direct aspiration first pass technique for acute stroke thrombectomy. Journal of NeuroInterventional Surgery, 2014, 6, 260-264.	2.0	406
2	Initial clinical experience with the ADAPT technique: A direct aspiration first pass technique for stroke thrombectomy. Journal of NeuroInterventional Surgery, 2014, 6, 231-237.	2.0	331
3	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.	2.0	178
4	Clinical and Procedural Predictors of Outcomes From the Endovascular Treatment of Posterior Circulation Strokes. Stroke, 2016, 47, 782-788.	1.0	130
5	Indications for thrombectomy in acute ischemic stroke from emergent large vessel occlusion (ELVO): report of the SNIS Standards and Guidelines Committee. Journal of NeuroInterventional Surgery, 2019, 11, 215-220.	2.0	125
6	Thrombus density predicts successful recanalization with Solitaire stent retriever thrombectomy in acute ischemic stroke: TableÂ1. Journal of NeuroInterventional Surgery, 2015, 7, 104-107.	2.0	115
7	TREVO stent-retriever mechanical thrombectomy for acute ischemic stroke secondary to large vessel occlusion registry. Journal of NeuroInterventional Surgery, 2018, 10, 516-524.	2.0	102
8	Treatment of blood blister aneurysms of the internal carotid artery with flow diversion. Journal of NeuroInterventional Surgery, 2018, 10, 1074-1078.	2.0	97
9	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.	1.0	94
10	Vessel perforation during stent retriever thrombectomy for acute ischemic stroke: technical details and clinical outcomes. Journal of NeuroInterventional Surgery, 2017, 9, 922-928.	2.0	87
11	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.	2.0	83
12	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.	2.0	80
13	Current endovascular strategies for cerebral venous thrombosis: report of the SNIS Standards and Guidelines Committee. Journal of NeuroInterventional Surgery, 2018, 10, 803-810.	2.0	75
14	Current Status of Endovascular Treatment for Acute Large Vessel Occlusion in China. Stroke, 2021, 52, 1203-1212.	1.0	71
15	Primary stentriever versus combined stentriever plus aspiration thrombectomy approaches: in vitro stroke model comparison. Journal of NeuroInterventional Surgery, 2015, 7, 453-457.	2.0	68
16	Impact of Stent Retriever Size on Clinical and Angiographic Outcomes in the STRATIS Stroke Thrombectomy Registry. Stroke, 2019, 50, 441-447.	1.0	64
17	Solitaire Flow Restoration Thrombectomy for Acute Ischemic Stroke. Neurosurgery, 2013, 73, 19-26.	0.6	58
18	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.	1.0	55

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19	ASPECTS decay during inter-facility transfer in patients with large vessel occlusion strokes. Journal of NeuroInterventional Surgery, 2017, 9, 442-444.	2.0	55
20	Endovascular Treatment of Middle Cerebral Artery M2 Occlusion Strokes: Clinical and Procedural Predictors of Outcomes. Neurosurgery, 2017, 81, 795-802.	0.6	53
21	ASPECTS (Alberta Stroke Program Early CT Score) Measurement Using Hounsfield Unit Values When Selecting Patients for Stroke Thrombectomy. Stroke, 2017, 48, 1574-1579.	1.0	51
22	A survey of intracranial aneurysm treatment practices among United States physicians. Journal of NeuroInterventional Surgery, 2018, 10, 44-49.	2.0	48
23	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.	2.0	45
24	Randomized trials of endovascular therapy for stroke â€" impact on stroke care. Nature Reviews Neurology, 2016, 12, 86-94.	4.9	45
25	Direct Aspiration versus Stent Retriever Thrombectomy for Acute Stroke: A Systematic Review and Meta-Analysis in 9127 Patients. Journal of Stroke and Cerebrovascular Diseases, 2019, 28, 1329-1337.	0.7	45
26	Effect of balloon guide catheter on clinical outcomes and reperfusion in Trevo thrombectomy. Journal of NeuroInterventional Surgery, 2019, 11, 861-865.	2.0	44
27	Coordinated Gene Expression of Neuroinflammatory and Cell Signaling Markers in Dorsolateral Prefrontal Cortex during Human Brain Development and Aging. PLoS ONE, 2014, 9, e110972.	1.1	44
28	A survey of burnout and professional satisfaction among United States neurointerventionalists. Journal of NeuroInterventional Surgery, 2019, 11, 1100-1104.	2.0	43
29	Flow diversion for the treatment of posterior inferior cerebellar artery aneurysms: a novel classification and strategies. Journal of NeuroInterventional Surgery, 2018, 10, 663-668.	2.0	42
30	Aneurysms with persistent patency after treatment with the Pipeline Embolization Device. Journal of Neurosurgery, 2016, 126, 1894-1898.	0.9	41
31	Endovascular treatment of cerebral venous thrombosis: Contemporary multicenter experience. Interventional Neuroradiology, 2015, 21, 520-526.	0.7	40
32	First Pass Effect in Patients Treated With the Trevo Stent-Retriever: A TRACK Registry Study Analysis. Frontiers in Neurology, 2020, 11, 83.	1.1	40
33	Real-world stent retriever thrombectomy for acute ischemic stroke beyond 6 hours of onset: analysis of the NASA and TRACK registries. Journal of NeuroInterventional Surgery, 2019, 11, 334-337.	2.0	39
34	The Pipeline embolization device for treatment of intracranial aneurysms. Expert Review of Medical Devices, 2014, 11, 137-150.	1.4	38
35	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.	2.0	38
36	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.	1.2	38

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37	Stent-assisted coiling of cerebral aneurysms: multi-center analysis of radiographic and clinical outcomes in 659 patients. Journal of NeuroInterventional Surgery, 2020, 12, 289-297.	2.0	37
38	Increased Perviousness on CT for Acute Ischemic Stroke is Associated with Fibrin/Platelet-Rich Clots. American Journal of Neuroradiology, 2021, 42, 57-64.	1.2	36
39	Recent Endovascular Stroke Trials and Their Impact on Stroke Systems of Care. Journal of the American College of Cardiology, 2016, 67, 2645-2655.	1.2	33
40	A multicenter study evaluating the frequency and time requirement of mechanical thrombectomy. Journal of NeuroInterventional Surgery, 2018, 10, 235-239.	2.0	33
41	Neuroendovascular management of emergent large vessel occlusion: update on the technical aspects and standards of practice by the Standards and Guidelines Committee of the Society of NeuroInterventional Surgery. Journal of NeuroInterventional Surgery, 2018, 10, 315-320.	2.0	32
42	A2, M2, P2 aneurysms and beyond: results of treatment with pipeline embolization device in 65 patients. Journal of NeuroInterventional Surgery, 2019, 11, 903-907.	2.0	32
43	The burden of neurothrombectomy call: a multicenter prospective study. Journal of NeuroInterventional Surgery, 2018, 10, 1143-1148.	2.0	30
44	ASPECTS, Large Vessel Occlusion, and Time of Symptom Onset: Estimation of Eligibility for Endovascular Therapy. Neurosurgery, 2018, 83, 122-127.	0.6	29
45	International experience of mechanical thrombectomy during the COVID-19 pandemic: insights from STAR and ENRG. Journal of NeuroInterventional Surgery, 2020, 12, 1039-1044.	2.0	28
46	Coordination of Gene Expression of Arachidonic and Docosahexaenoic Acid Cascade Enzymes during Human Brain Development and Aging. PLoS ONE, 2014, 9, e100858.	1.1	28
47	Clot perviousness is associated with first pass success of aspiration thrombectomy in the COMPASS trial. Journal of NeuroInterventional Surgery, 2021, 13, 509-514.	2.0	26
48	Intravenous heparin for the treatment of intraluminal thrombus in patients with acute ischemic stroke: a case series. Journal of NeuroInterventional Surgery, 2013, 5, 144-150.	2.0	25
49	Select wisely: the ethical challenge of defining large core with perfusion in the early time window. Journal of NeuroInterventional Surgery, 2021, 13, 497-499.	2.0	25
50	Value of smartphone videos for diagnosis of seizures: Everyone owns half an epilepsy monitoring unit. Epilepsia, 2021, 62, e135-e139.	2.6	25
51	Cell-Based Therapy for Stroke. Stroke, 2020, 51, 2854-2862.	1.0	24
52	Prospective study on embolization of intracranial aneurysms with the pipeline device (PREMIER study): 3-year results with the application of a flow diverter specific occlusion classification. Journal of NeuroInterventional Surgery, 2023, 15, 248-254.	2.0	24
53	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.	0.7	23
54	Trends in academic productivity in the COVID-19 era: analysis of neurosurgical, stroke neurology, and neurointerventional literature. Journal of NeuroInterventional Surgery, 2020, 12, 1049-1052.	2.0	23

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55	Endovascular therapy of wake-up strokes in the modern era of stent retriever thrombectomy. Journal of NeuroInterventional Surgery, 2016, 8, 240-243.	2.0	22
56	Proximal versus Distal Protection During Carotid Artery Stenting: Analysis of the Two Treatment Approaches and Associated Clinical Outcomes. World Neurosurgery, 2014, 81, 543-548.	0.7	21
57	The professional and personal impact of the coronavirus pandemic on US neurointerventional practices: a nationwide survey. Journal of NeuroInterventional Surgery, 2020, 12, 927-931.	2.0	21
58	Endovascular Management and Treatment of Acute Ischemic Stroke. Neurosurgery Clinics of North America, 2014, 25, 583-592.	0.8	20
59	Design and Physical Properties of 3-Dimensional Printed Models Used for Neurointervention: A Systematic Review of the Literature. Neurosurgery, 2020, 87, E445-E453.	0.6	20
60	Correlation between cerebral blood volume values and outcomes in endovascular therapy for acute ischemic stroke. Journal of NeuroInterventional Surgery, 2015, 7, 705-708.	2.0	19
61	Association of clot burden score with radiographic and clinical outcomes following Solitaire stent retriever thrombectomy: analysis of the SWIFT PRIME trial. Journal of NeuroInterventional Surgery, 2017, 9, 929-932.	2.0	19
62	Real-world effects of late window neurothrombectomy: procedure rates increase without night-time bias. Journal of NeuroInterventional Surgery, 2020, 12, 460-464.	2.0	19
63	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.	2.0	18
64	Aspiration thrombectomy in concert with stent thrombectomy. Journal of NeuroInterventional Surgery, 2014, 6, e26-e26.	2.0	17
65	Blood Pressure Management and Evolution of Thrombolysis-associated Intracerebral Hemorrhage in Acute Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2012, 21, 852-859.	0.7	16
66	Flow diversion for anterior choroidal artery (AChA) aneurysms: a multi-institutional experience. Journal of NeuroInterventional Surgery, 2018, 10, 634-637.	2.0	16
67	Coordinated Expression of Phosphoinositide Metabolic Genes during Development and Aging of Human Dorsolateral Prefrontal Cortex. PLoS ONE, 2015, 10, e0132675.	1.1	16
68	The Effects of Variants in the Parkin, PINK1, and DJ-1 Genes along with Evidence for their Pathogenicity. Current Protein and Peptide Science, 2017, 18, 702-714.	0.7	16
69	Whole-Brain Computed Tomographic Perfusion Imaging in Acute Cerebral Venous Sinus Thrombosis. Interventional Neurology, 2015, 4, 104-112.	1.8	15
70	Impact of RapidAI mobile application on treatment times in patients with large vessel occlusion. Journal of NeuroInterventional Surgery, 2022, 14, 233-236.	2.0	15
71	Tourniquet parent artery occlusion after flow diversion. Journal of NeuroInterventional Surgery, 2018, 10, 122-126.	2.0	14
72	The Yield of Ambulatory EEG-Video Monitoring. Clinical EEG and Neuroscience, 2021, 52, 274-279.	0.9	14

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73	Carotid and Vertebral Artery Disease. Primary Care - Clinics in Office Practice, 2013, 40, 135-151.	0.7	13
74	Outcomes after coverage of lenticulostriate vessels by flow diverters: a multicenter experience. Journal of Neurosurgery, 2020, 132, 473-480.	0.9	13
75	Indications for Mechanical Thrombectomyâ€"Too Wide or Too Narrow?. World Neurosurgery, 2019, 127, 492-499.	0.7	11
76	Use of quantitative angiographic methods with a data-driven model to evaluate reperfusion status (mTICI) during thrombectomy. Neuroradiology, 2021, 63, 1429-1439.	1.1	11
77	Small unruptured partially thrombosed aneurysms and stroke: report of three cases and review of the literature. Journal of NeuroInterventional Surgery, 2012, 4, e6-e6.	2.0	10
78	Intravascular Ultrasound in the Evaluation and Management of Cerebral Venous Disease. World Neurosurgery, 2013, 80, 655.e7-655.e13.	0.7	10
79	Transcatheter aortic valve replacement: perioperative stroke and beyond. Expert Review of Neurotherapeutics, 2017, 17, 327-334.	1.4	9
80	Targeting Dopamine D2, Adenosine A2A, and Glutamate mGlu5 Receptors to Reduce Repetitive Behaviors in Deer Mice. Journal of Pharmacology and Experimental Therapeutics, 2019, 369, 88-97.	1.3	9
81	Influence of thrombectomy volume on non-physician staff burnout and attrition in neurointerventional teams. Journal of NeuroInterventional Surgery, 2020, 12, neurintsurg-2020-015825.	2.0	8
82	Duration of symptomatic stroke and successful reperfusion with endovascular thrombectomy for anterior circulation large vessel occlusive stroke. Journal of NeuroInterventional Surgery, 2021, 13, 1128-1131.	2.0	8
83	Comparative study of intracranial access in thrombectomy using next generation 0.088 inch guide catheter technology. Journal of NeuroInterventional Surgery, 2022, 14, 390-396.	2.0	8
84	An Appraisal of the 2018 Guidelines for the Early Management of Patients with Acute Ischemic Stroke. Interventional Neurology, 2019, 8, 55-59.	1.8	7
85	Clot imaging characteristics predict first pass effect of aspirationâ€"first approach to thrombectomy. Interventional Neuroradiology, 2022, 28, 152-159.	0.7	7
86	Use of patient specific 3D printed neurovascular phantoms to simulate mechanical thrombectomy. 3D Printing in Medicine, 2021, 7, 32.	1.7	7
87	Revascularization Outcome Prediction for A Direct Aspiration-First Pass Technique (ADAPT) from Pre-Treatment Imaging and Machine Learning. Brain Sciences, 2021, 11, 1321.	1.1	6
88	Protocol for AREST: Apixaban for Early Prevention of Recurrent Embolic Stroke and Hemorrhagic Transformationâ€"A Randomized Controlled Trial of Early Anticoagulation After Acute Ischemic Stroke in Atrial Fibrillation. Frontiers in Neurology, 2019, 10, 975.	1.1	5
89	Flow-Pattern Details in an Aneurysm Model Using High-Speed 1000-Frames-per-Second Angiography. American Journal of Neuroradiology, 2019, 40, 1197-1200.	1.2	5
90	Use of biplane quantitative angiographic imaging with ensemble neural networks to assess reperfusion status during mechanical thrombectomy. , 2021, 11597, .		5

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91	Safety of the APOLLO Onyx delivery microcatheter for embolization of brain arteriovenous malformations: results from a prospective post-market study. Journal of NeuroInterventional Surgery, 2021, 13, 935-941.	2.0	5
92	Factors Associated With Decreased Accuracy of Modified Thrombolysis in Cerebral Infarct Scoring Among Neurointerventionalists During Thrombectomy. Stroke, 2021, 52, e733-e738.	1.0	5
93	Intravenous alteplase has different effects on the efficacy of aspiration and stent retriever thrombectomy: analysis of the COMPASS trial. Journal of NeuroInterventional Surgery, 2022, 14, 992-996.	2.0	5
94	Stroke thrombectomy volume, rather than stroke center accreditation status of hospitals, is associated with mortality and discharge disposition. Journal of NeuroInterventional Surgery, 2023, 15, 209-213.	2.0	5
95	Factors associated with in-stent stenosis after cerebral aneurysm embolization using a Pipeline embolization device. Interventional Neuroradiology, 2022, 28, 731-736.	0.7	5
96	Letter: An International Investigation Into the COVID-19 Pandemic and Workforce Depletion in Highly Specialized Neurointerventional Units â€“ Insights From Stroke Thrombectomy and Aneurysm Registry and Endovascular Neurosurgery Research Group. Neurosurgery, 2020, 87, E697-E699.	0.6	4
97	Single-center experience of using high definition (Hi-Def) imaging during neurointervention treatment of intracranial aneurysms using flow diverters. Journal of NeuroInterventional Surgery, 2020, 12, 897-901.	2.0	4
98	Social media usage for neurointerventionalists: report of the Society of NeuroInterventional Surgery Standards and Guidelines Committee. Journal of NeuroInterventional Surgery, 2021, 13, 674-678.	2.0	4
99	Reversible changes in diffusion- and perfusion-based imaging in cerebral venous sinus thrombosis. BMJ Case Reports, 2015, 2015, bcr2014011447-bcr2014011447.	0.2	4
100	Hyperacute Carotid Stent Thrombosis During Emergent Revascularization Treated with Intraarterial Eptifibatide After Systemic Administration of Recombinant Tissue Plasminogen Activator. Journal of Vascular and Interventional Neurology, 2015, 8, 50-5.	1.1	4
101	Stroke thrombolysis and thrombectomyâ€"not stronger together?. Nature Reviews Neurology, 2017, 13, 198-200.	4.9	3
102	Spontaneous Regression Followed by Rupture of an Untreated Brain Arteriovenous Malformation. World Neurosurgery, 2020, 143, 290-294.	0.7	3
103	National Institutes of Health grant opportunities for the neurointerventionalist: preparation and choosing the right mechanism. Journal of NeuroInterventional Surgery, 2021, 13, 287-289.	2.0	3
104	Guest Editorial. Neurosurgery, 2015, 76, 235-238.	0.6	2
105	Republished: Reversible changes in diffusion- and perfusion-based imaging in cerebral venous sinus thrombosis. Journal of NeuroInterventional Surgery, 2016, 8, e6-e6.	2.0	2
106	Highâ€Definition Zoom Mode: A High Resolution Xâ€ray Microscope for Neurointerventional Treatment Procedures. Journal of Neuroimaging, 2019, 29, 565-572.	1.0	2
107	High-Definition Zoom Mode, a High-Resolution X-Ray Microscope for Neurointerventional Treatment Procedures: A Blinded-Rater Clinical-Utility Study. American Journal of Neuroradiology, 2019, 40, 302-308.	1.2	2
108	Is this the end of the tPA world as we know it?. Journal of NeuroInterventional Surgery, 2020, 12, 437-438.	2.0	2

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109	Strategies for writing a successful National Institutes of Health grant proposal for the early-career neurointerventionalist. Journal of NeuroInterventional Surgery, 2021, 13, 283-286.	2.0	2
110	Evaluation of challenges and limitations of mechanical thrombectomy using 3D printed neurovascular phantoms. , 2021, 11601, .		2
111	Effect of Hispanic Status in Mechanical Thrombectomy Outcomes After Ischemic Stroke: Insights From STAR. Stroke, 2021, 52, e715-e719.	1.0	2
112	Non-contrast head CT alone for thrombectomy in acute ischemic stroke: analysis of the ANGEL-ACT registry. Journal of NeuroInterventional Surgery, 2022, 14, 868-874.	2.0	2
113	Instent restenosis after carotid stenting: treatment using an off-label cardiac scoring balloon. Journal of Vascular and Interventional Neurology, 2014, 7, 29-34.	1.1	2
114	Food and Drug Association Approval Process for Devices Used in Endovascular Treatment of Stroke. Neurology, 2021, 97, S194-S200.	1.5	2
115	Web Browsing: High-Speed Diagnosis and Treatment of Carotid Artery Web. Neurohospitalist, The, 2022, 12, 498-503.	0.3	2
116	Exposure to Neurointervention During Neurology Training. Stroke, 2021, 52, e550-e553.	1.0	1
117	Direct angiographic intervention for acute ischemic stroke with large vessel occlusion. Neurological Research, 2021, 43, 926-931.	0.6	0
118	Lies, damned lies, and TICI. Journal of NeuroInterventional Surgery, 2021, 13, 769-770.	2.0	0
119	Apparent Reversal of Early Ischemic Changes on Nonâ€Contrast Computed Tomography Following Successful Endovascular Reperfusion. , 2022, 2, .		0
120	Comparison of stent retriever thrombectomy using 3â€dimensional patientâ€specific models of intracranial circulation with actual middle cerebral artery occlusion thrombectomy cases. Journal of Neuroimaging, 2021, , .	1.0	0
121	Thrombectomy for Largeâ€Vessel Occlusion With Pretreatment Intracranial Hemorrhage. , 2022, 2, .		0