

# Ali M Alawieh

## List of Publications by Year in descending order

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Version: 2024-02-01

108  
papers

2,407  
citations

201674

27  
h-index

243625

44  
g-index

110  
all docs

110  
docs citations

110  
times ranked

3556  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identifying the Role of Complement in Triggering Neuroinflammation after Traumatic Brain Injury. <i>Journal of Neuroscience</i> , 2018, 38, 2519-2532.	3.6	128
2	Targeted complement inhibition salvages stressed neurons and inhibits neuroinflammation after stroke in mice. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	125
3	Factors affecting post-stroke motor recovery: Implications on neurotherapy after brain injury. <i>Behavioural Brain Research</i> , 2018, 340, 94-101.	2.2	113
4	Revisiting leishmaniasis in the time of war: the Syrian conflict and the Lebanese outbreak. <i>International Journal of Infectious Diseases</i> , 2014, 29, 115-119.	3.3	112
5	Blood Pressure and Outcome After Mechanical Thrombectomy With Successful Revascularization. <i>Stroke</i> , 2019, 50, 2448-2454.	2.0	101
6	Impact of Procedure Time on Outcomes of Thrombectomy for Stroke. <i>Journal of the American College of Cardiology</i> , 2019, 73, 879-890.	2.8	97
7	Outcomes of endovascular thrombectomy in the elderly: a "real-world" multicenter study. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 545-553.	3.3	86
8	Complement in the Homeostatic and Ischemic Brain. <i>Frontiers in Immunology</i> , 2015, 6, 417.	4.8	82
9	Assessment of Serum UCH-L1 and GFAP in Acute Stroke Patients. <i>Scientific Reports</i> , 2016, 6, 24588.	3.3	81
10	Modulation of post-stroke degenerative and regenerative processes and subacute protection by site-targeted inhibition of the alternative pathway of complement. <i>Journal of Neuroinflammation</i> , 2015, 12, 247.	7.2	67
11	Lessons Learned Over More than 500 Stroke Thrombectomies Using ADAPT With Increasing Aspiration Catheter Size. <i>Neurosurgery</i> , 2020, 86, 61-70.	1.1	64
12	Thrombectomy for acute ischemic stroke in the elderly: a "real world" experience. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 1209-1217.	3.3	61
13	Mesenchymal Stem Cell Therapy in Stroke: A Systematic Review of Literature in Pre-Clinical and Clinical Research. <i>Cell Transplantation</i> , 2018, 27, 1723-1730.	2.5	60
14	Emergent Carotid Stenting Plus Thrombectomy After Thrombolysis in Tandem Strokes. <i>Stroke</i> , 2019, 50, 2250-2252.	2.0	54
15	Infectious intracranial aneurysms: a systematic review of epidemiology, management, and outcomes. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 708-716.	3.3	51
16	Preclinical and Clinical Evidence on Ipsilateral Corticospinal Projections: Implication for Motor Recovery. <i>Translational Stroke Research</i> , 2017, 8, 529-540.	4.2	50
17	Blood Pressure Goals and Clinical Outcomes after Successful Endovascular Therapy: A Multicenter Study. <i>Annals of Neurology</i> , 2020, 87, 830-839.	5.3	50
18	The golden 35-min of stroke intervention with ADAPT: effect of thrombectomy procedural time in acute ischemic stroke on outcome. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 213-220.	3.3	48

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19	Injury site-specific targeting of complement inhibitors for treating stroke. <i>Immunological Reviews</i> , 2016, 274, 270-280.	6.0	47
20	Complement-Dependent Synaptic Uptake and Cognitive Decline after Stroke and Reperfusion Therapy. <i>Journal of Neuroscience</i> , 2020, 40, 4042-4058.	3.6	47
21	Equivalent favorable outcomes possible after thrombectomy for posterior circulation large vessel occlusion compared with the anterior circulation: the MUSC experience. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 735-740.	3.3	42
22	Systems Biology, Bioinformatics, and Biomarkers in Neuropsychiatry. <i>Frontiers in Neuroscience</i> , 2012, 6, 187.	2.8	41
23	First attempt recanalization with ADAPT: rate, predictors, and outcome. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 641-645.	3.3	39
24	Complement Drives Synaptic Degeneration and Progressive Cognitive Decline in the Chronic Phase after Traumatic Brain Injury. <i>Journal of Neuroscience</i> , 2021, 41, 1830-1843.	3.6	34
25	Outcomes of Rescue Endovascular Treatment of Emergent Large Vessel Occlusion in Patients With Underlying Intracranial Atherosclerosis: Insights From STAR. <i>Journal of the American Heart Association</i> , 2021, 10, e020195.	3.7	33
26	Blood pressure and outcome post mechanical thrombectomy. <i>Journal of Clinical Neuroscience</i> , 2019, 62, 94-99.	1.5	32
27	Blood pressure reduction and outcome after endovascular therapy with successful reperfusion: a multicenter study. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 932-936.	3.3	31
28	Sheltered Neurosurgery During COVID-19: The Emory Experience. <i>World Neurosurgery</i> , 2020, 144, e204-e209.	1.3	30
29	Intra-Arterial Tissue Plasminogen Activator Is a Safe Rescue Therapy with Mechanical Thrombectomy. <i>World Neurosurgery</i> , 2019, 123, e604-e608.	1.3	29
30	International experience of mechanical thrombectomy during the COVID-19 pandemic: insights from STAR and ENRG. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 1039-1044.	3.3	28
31	Natural immunoglobulin M initiates an inflammatory response important for both hepatic ischemia reperfusion injury and regeneration in mice. <i>Hepatology</i> , 2018, 67, 721-735.	7.3	27
32	Complement mediates neuroinflammation and cognitive decline at extended chronic time points after traumatic brain injury. <i>Acta Neuropathologica Communications</i> , 2021, 9, 72.	5.2	27
33	Thrombectomy Technique Predicts Outcome in Posterior Circulation Stroke—Insights from the STAR Collaboration. <i>Neurosurgery</i> , 2020, 87, 982-991.	1.1	26
34	Post-Genomics Nanotechnology Is Gaining Momentum: Nanoproteomics and Applications in Life Sciences. <i>OMICS A Journal of Integrative Biology</i> , 2014, 18, 111-131.	2.0	25
35	Effect of extracranial lesion severity on outcome of endovascular thrombectomy in patients with anterior circulation tandem occlusion: analysis of the TITAN registry. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 970-974.	3.3	25
36	Using machine learning to optimize selection of elderly patients for endovascular thrombectomy. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 847-851.	3.3	23

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37	Differential effect of mechanical thrombectomy and intravenous thrombolysis in atrial fibrillation associated stroke. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 883-888.	3.3	23
38	Incidence, predictors, and outcome of early seizures after mechanical thrombectomy. <i>Journal of the Neurological Sciences</i> , 2019, 396, 235-239.	0.6	21
39	Outcomes of Mechanical Thrombectomy for Patients With Stroke Presenting With Low Alberta Stroke Program Early Computed Tomography Score in the Early and Extended Window. <i>JAMA Network Open</i> , 2021, 4, e2137708.	5.9	21
40	Acute Complement Inhibition Potentiates Neurorehabilitation and Enhances tPA-Mediated Neuroprotection. <i>Journal of Neuroscience</i> , 2018, 38, 6527-6545.	3.6	20
41	Mechanical Thrombectomy for Distal Occlusions: Efficacy, Functional and Safety Outcomes: Insight from the STAR Collaboration. <i>World Neurosurgery</i> , 2021, 151, e871-e879.	1.3	20
42	Biomarkers in psychiatry: how close are we?. <i>Frontiers in Psychiatry</i> , 2012, 3, 114.	2.6	16
43	Impact of Treatment Time on the Long-Term Outcome of Stroke Patients Treated With Mechanical Thrombectomy. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 185-190.	1.6	16
44	Alarming downtrend in mechanical thrombectomy rates in African American patients during the COVID-19 pandemic-Insights from STAR. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 304-307.	3.3	15
45	Proteomics studies in inner ear disorders: pathophysiology and biomarkers. <i>Expert Review of Proteomics</i> , 2015, 12, 185-196.	3.0	14
46	Bridging thrombolysis in atrial fibrillation stroke is associated with increased hemorrhagic complications without improved outcomes. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 979-984.	3.3	14
47	Technical and Clinical Outcomes After Thrombectomy for the Various Segments of the Middle Cerebral Artery. <i>World Neurosurgery</i> , 2019, 128, e445-e453.	1.3	13
48	An Animal Trial on the Optimal Time and Intensity of Exercise after Stroke. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 1699-1709.	0.4	11
49	Permanent Cerebrospinal Fluid Diversion in Adults With Posterior Fossa Tumors: Incidence and Predictors. <i>Neurosurgery</i> , 2021, 89, 987-996.	1.1	11
50	Biomarker Identification in Psychiatric Disorders. <i>Journal of Psychiatric Practice</i> , 2015, 21, 37-48.	0.7	10
51	The Stroke Thrombectomy and Aneurysm Registry: Inception, Present, and Future. <i>World Neurosurgery</i> , 2020, 138, 562-564.	1.3	10
52	Challenges facing human rabies control: the Lebanese experience. <i>Epidemiology and Infection</i> , 2014, 142, 1486-1494.	2.1	9
53	A Rich-Club Organization in Brain Ischemia Protein Interaction Network. <i>Scientific Reports</i> , 2015, 5, 13513.	3.3	9
54	A computational model to monitor and predict trends in bacterial resistance. <i>Journal of Global Antimicrobial Resistance</i> , 2015, 3, 174-183.	2.2	9

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55	Assessing the impact of the Lebanese National Polio Immunization Campaign using a population-based computational model. <i>BMC Public Health</i> , 2017, 17, 902.	2.9	7
56	Targeting the Complement Alternative Pathway Permits Graft Versus Leukemia Activity while Preventing Graft Versus Host Disease. <i>Clinical Cancer Research</i> , 2020, 26, 3481-3490.	7.0	7
57	Impact of off-hour endovascular therapy on outcomes for acute ischemic stroke: insights from STAR. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 693-696.	3.3	7
58	A novel injury site-natural antibody targeted complement inhibitor protects against lung transplant injury. <i>American Journal of Transplantation</i> , 2021, 21, 2067-2078.	4.7	7
59	Early Postmarket Results with EmboTrap II Stent Retriever for Mechanical Thrombectomy: A Multicenter Experience. <i>American Journal of Neuroradiology</i> , 2021, 42, 904-909.	2.4	7
60	Abstract 153: Blood Pressure and Outcome After Mechanical Thrombectomy: A Multicenter Study. <i>Stroke</i> , 2019, 50, .	2.0	7
61	Complementing regeneration. <i>Oncotarget</i> , 2015, 6, 21769-21770.	1.8	7
62	Modulating donor mitochondrial fusion/fission delivers immunoprotective effects in cardiac transplantation. <i>American Journal of Transplantation</i> , 2022, 22, 386-401.	4.7	7
63	Letter: May Cooler Heads Prevail During a Pandemic: Stroke in COVID-19 Patients or COVID-19 in Stroke Patients?. <i>Neurosurgery</i> , 2020, 87, E522-E522.	1.1	6
64	Endovascular sacrifice of the proximal posterior inferior cerebellar artery for treatment of ruptured intracranial aneurysms. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 777-782.	3.3	6
65	Molecular Architecture of Spinal Cord Injury Protein Interaction Network. <i>PLoS ONE</i> , 2015, 10, e0135024.	2.5	6
66	A Role of Complement in the Pathogenic Sequelae of Mouse Neonatal Germinal Matrix Hemorrhage. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2943.	4.1	6
67	Contralateral C7 Nerve Transfer for Stroke Recovery: New Frontier for Peripheral Nerve Surgery. <i>Journal of Clinical Medicine</i> , 2021, 10, 3344.	2.4	5
68	Characterization of Novel P-Selectin Targeted Complement Inhibitors in Murine Models of Hindlimb Injury and Transplantation. <i>Frontiers in Immunology</i> , 2021, 12, 785229.	4.8	5
69	Letter: An International Investigation Into the COVID-19 Pandemic and Workforce Depletion in Highly Specialized Neurointerventional Units – Insights From Stroke Thrombectomy and Aneurysm Registry and Endovascular Neurosurgery Research Group. <i>Neurosurgery</i> , 2020, 87, E697-E699.	1.1	4
70	Impact of reperfusion pump power on technical and clinical outcomes after direct aspiration thrombectomy (ADAPT). <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 579-584.	3.3	4
71	Bioinformatics Approach to Understanding Interacting Pathways in Neuropsychiatric Disorders. <i>Methods in Molecular Biology</i> , 2014, 1168, 157-172.	0.9	4
72	Modulation of the Complement System by Neoplastic Disease of the Central Nervous System. <i>Frontiers in Immunology</i> , 2021, 12, 689435.	4.8	4

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73	Impact of Increasing Aspiration Catheter Size and Refinement of Technique: Experience of Over 1000 Strokes Treated With ADAPT. <i>Neurosurgery</i> , 2022, 91, 80-86.	1.1	4
74	Thromboembolic Model of Cerebral Ischemia and Reperfusion in Mice. <i>Methods in Molecular Biology</i> , 2016, 1462, 357-372.	0.9	3
75	Barriers and opportunities of cortical stimulation via cerebral venous approach. <i>Brain Stimulation</i> , 2020, 13, 401-402.	1.6	3
76	Abstract 148: Mechanical Thrombectomy for Distal Occlusions: Efficacy, Functional and Safety Outcomes. Insights From the STAR Collaboration. <i>Stroke</i> , 2020, 51, .	2.0	3
77	Metabolomics in Cardiovascular Diseases: Biomarkers Quest. <i>Journal of Data Mining in Genomics &amp; Proteomics</i> , 2013, 04, .	0.5	2
78	Abstract 169: A Comprehensive Multicenter Evaluation of the Impact of Age on Stroke Thrombectomy Outcomes - Insights From the STAR Collaboration. <i>Stroke</i> , 2020, 51, .	2.0	2
79	Neuro-proteomics and Neuro-systems Biology in the Quest of TBI Biomarker Discovery. , 2014, , 3-41.		1
80	Intractome Curation and Analysis for Stroke and Spinal Cord Injury Using Semiautomatic Annotations. , 2019, , 151-166.		1
81	The Inflammatory Response and Its Effect on Rehabilitation-Induced Repair Processes After Stroke. <i>Springer Series in Translational Stroke Research</i> , 2018, , 509-520.	0.1	1
82	Abstract WP32: Introducing STAR: A Multicenter International Collaborative Registry of Real-World Outcomes After Mechanical Thrombectomy for Ischemic Stroke. <i>Stroke</i> , 2020, 51, .	2.0	1
83	Abstract 150: Multicenter Validation of SPOT, an Artificial Intelligence Based Tool, to Optimize Selection of Elderly Stroke Patients for Mechanical Thrombectomy - Insights From the STAR Collaboration. <i>Stroke</i> , 2020, 51, .	2.0	1
84	Predicting Permanent Cerebrospinal Fluid Diversion Following Posterior Fossa Tumor Resection in Adults: Updates from the Central Nervous System Tumor Outcome Registry at Emory Group. <i>World Neurosurgery</i> , 2022, 161, 125-126.	1.3	1
85	Static Cold Storage Induces Metabolic Alterations and Autophagy in Models of Cardiac Transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2017, 36, S373-S374.	0.6	0
86	Computational Modeling in Global Infectious Disease Epidemiology. , 2019, , 133-141.		0
87	Semiautomatic Annotator for Medical NLP Applications: About the Tool. , 2019, , 143-150.		0
88	An Attempt to Define Mechanical Thrombectomy in Posterior Circulation Stroke: Insights from STAR. <i>World Neurosurgery</i> , 2021, 147, 215-216.	1.3	0
89	Editorial: Complement in the Development and Regeneration of the Nervous System. <i>Frontiers in Immunology</i> , 2021, 12, 694810.	4.8	0
90	Challenges in the Treatment of Acute Fulminant Hepatitis B : Case Report and Literature Review. <i>Journal Medical Libanais</i> , 2015, 63, 102-106.	0.0	0

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91	Inhibition of Alternative Complement Pathway in Target Organs Represents a Novel and Effective Approach to Control Gvhd While Sparing GVL Effect. <i>Blood</i> , 2016, 128, 807-807.	1.4	0
92	Abstract 176: Enhancing the Efficacy of Current Management of Ischemic Stroke Using Injury-Site Targeted Complement Inhibition - A Preclinical Study. <i>Stroke</i> , 2018, 49, .	2.0	0
93	Abstract WP35: Age-Stratified Outcomes After Mechanical Thrombectomy for Large Vessel Occlusion. <i>Stroke</i> , 2018, 49, .	2.0	0
94	Abstract TP42: Equivalent Favorable Outcomes Possible After Thrombectomy for Posterior Circulation Large Vessel Occlusion Compared to Anterior Circulation: The MUSC Experience. <i>Stroke</i> , 2018, 49, .	2.0	0
95	Infectious Intracranial Aneurysms: Epidemiology, Pathophysiology, and Management. , 2019, , 273-289.		0
96	Abstract WP17: Blood Pressure Reduction Within 24 Hours After Mechanical Thrombectomy Does Not Correlate With Outcome: A Collaborative Pooled Analysis. <i>Stroke</i> , 2019, 50, .	2.0	0
97	Abstract 3: Effect of BP Goal on Outcome post Mechanical Thrombectomy: Multicenter Study. <i>Stroke</i> , 2019, 50, .	2.0	0
98	Abstract TMP9: Procedural and Functional Outcomes of ADAPT Thrombectomy for Stroke Involving Anatomical Divisions of the M2 Segment. <i>Stroke</i> , 2019, 50, .	2.0	0
99	Abstract WP45: Subarachnoid Hemorrhage After Mechanical Thrombectomy With a Direct Aspiration First Pass Technique. <i>Stroke</i> , 2019, 50, .	2.0	0
100	Abstract TMP3: Blood Pressure Variability Within 24 Hours After Mechanical Thrombectomy Correlates With Worse Outcome. <i>Stroke</i> , 2019, 50, .	2.0	0
101	Abstract TP27: Aspiration Success With Adapt Technique: Rate, Predictors, and Outcome. <i>Stroke</i> , 2019, 50, .	2.0	0
102	Abstract TP12: The Trend of Successful First Pass in M2 Segment Stroke Thrombectomy- Insights From the STAR Collaboration. <i>Stroke</i> , 2020, 51, .	2.0	0
103	Abstract WMP4: Predictors of Functional Recovery After Thrombectomy in Posterior Circulation Stroke - Insights From the STAR Collaboration. <i>Stroke</i> , 2020, 51, .	2.0	0
104	Abstract WP26: Use of Balloon-guide Catheter Bridges the Difference in Technical Outcomes Between Adapt and Stent Retriever Thrombectomy for Ischemic Stroke - Insights From STAR Collaboration. <i>Stroke</i> , 2020, 51, .	2.0	0
105	Abstract TMP4: Impact of Bridging Therapy With Intravenous Thrombolysis Prior to Mechanical Thrombectomy in Patients With Large Vessel Occlusion- Insights From the STAR Registry. <i>Stroke</i> , 2020, 51, .	2.0	0
106	Abstract TP15: A Multicenter Study Comparing Solumbra to Standard Aspiration and Stent Retriever Thrombectomy. <i>Stroke</i> , 2020, 51, .	2.0	0
107	Complement activation kindles the transition of acute post-traumatic brain injury to a chronic inflammatory disease. <i>Neural Regeneration Research</i> , 2022, 17, 2228.	3.0	0
108	Predictors of Permanent Cerebrospinal Fluid Diversion after Craniotomy for Vestibular Schwannoma. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2022, 83, .	0.8	0