Mehmet Akif Topcuoglu

List of Publications by Year in descending order

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471509 361022 1,597 124 17 35 citations h-index g-index papers 125 125 125 2124 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Determination of Brain Death/Death by Neurologic Criteria. JAMA - Journal of the American Medical Association, 2020, 324, 1078.	7.4	346
2	RCVS ₂ score and diagnostic approach for reversible cerebral vasoconstriction syndrome. Neurology, 2019, 92, e639-e647.	1.1	117
3	Diffusion MRI in three types of anoxic encephalopathy. Journal of the Neurological Sciences, 2002, 196, 37-40.	0.6	103
4	Antiplatelet resistance in stroke. Expert Review of Neurotherapeutics, 2011, 11, 251-263.	2.8	64
5	The Detrimental Effect of Aging on Leptomeningeal Collaterals in Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2014, 23, 421-426.	1.6	63
6	Transcranial <scp>D</scp> oppler ultrasound in neurovascular diseases: diagnostic and therapeutic aspects. Journal of Neurochemistry, 2012, 123, 39-51.	3.9	58
7	Prognostic Value of Magnetic Resonance Imaging in Post-Resuscitation Encephalopathy. Internal Medicine, 2009, 48, 1635-1645.	0.7	57
8	Paradoxical Air Microembolism Induces Cerebral Bioelectrical Abnormalities and Occasionally Headache in Patent Foramen Ovale Patients With Migraine. Journal of the American Heart Association, 2012, 1, e001735.	3.7	39
9	Neutrophil-to-Lymphocyte Ratio and Response to Intravenous Thrombolysis in Patients with Acute Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2019, 28, 1853-1859.	1.6	39
10	Occipital cortex activation studied with simultaneous recordings of functional transcranial Doppler ultrasound (fTCD) and visual evoked potential (VEP) in cognitively normal human subjects: Effect of healthy aging. Neuroscience Letters, 2009, 452, 17-22.	2.1	36
11	Cerebral vasomotor reactivity in reversible cerebral vasoconstriction syndrome. Cephalalgia, 2017, 37, 541-547.	3.9	30
12	Elevated Admission Blood Pressure and Acute Ischemic Lesions in Spontaneous Intracerebral Hemorrhage. Journal of Stroke and Cerebrovascular Diseases, 2013, 22, 250-254.	1.6	29
13	Updates on Prevention of Cardioembolic Strokes. Journal of Stroke, 2018, 20, 180-196.	3.2	29
14	Clinical and imaging features associated with intracranial internal carotid artery calcifications in patients with ischemic stroke. Neuroradiology, 2015, 57, 501-506.	2.2	28
15	Coexisting vascular lesions in reversible cerebral vasoconstriction syndrome. Cephalalgia, 2017, 37, 29-35.	3.9	24
16	Cerebral vasospasm following subarachnoid hemorrhage. Current Treatment Options in Cardiovascular Medicine, 2002, 4, 373-384.	0.9	22
17	The Effect of Clot Volume and Permeability on Response to Intravenous Tissue Plasminogen Activator in Acute Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 104541.	1.6	21
18	Systemic Inflammation Indices in Patients With Acute Ischemic Stroke Treated With Intravenous Tissue Plasminogen Activator: Clinical Yield and Utility. Angiology, 2021, 72, 279-284.	1.8	19

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19	Atherosclerotic intracranial internal carotid artery calcification and intravenous thrombolytic therapy for acute ischemic stroke. Atherosclerosis, 2018, 270, 89-94.	0.8	18
20	Angiographic Microcirculatory Obstructions Distal to Occlusion Signify Poor Outcome after Endovascular Treatment for Acute Ischemic Stroke. Translational Stroke Research, 2018, 9, 44-50.	4.2	18
21	Plasma 3â€nitrotyrosine estimates the reperfusionâ€induced cerebrovascular stress, whereas matrix metalloproteinases mainly reflect plasma activity: a study in patients treated with thrombolysis or endovascular recanalization. Journal of Neurochemistry, 2012, 123, 138-147.	3.9	17
22	Frontal Intermittent Rhythmic Delta Activity (FIRDA) in the Neurological Intensive Care: Prevalence, Determinants, and Clinical Significance. Clinical EEG and Neuroscience, 2018, 49, 272-277.	1.7	17
23	Blood–retina-barrier disruption accompanying blood–brain-barrier dysfunction in posterior reversible encephalopathy syndrome. Journal of the Neurological Sciences, 2014, 346, 315-317.	0.6	15
24	The Interplay between Stroke Severity, Antiplatelet Use, and Aspirin Resistance in Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2016, 25, 397-403.	1.6	15
25	Clinical features and disease course of neurological involvement in Behcet's disease: HUVAC experience. Multiple Sclerosis and Related Disorders, 2020, 38, 101512.	2.0	15
26	Temporal course of peripheral inflammation markers and indexes following acute ischemic stroke: prediction of mortality, functional outcome, and stroke-associated pneumonia. Neurological Research, 2022, 44, 224-231.	1.3	15
27	The Clinical Features and Prognosis of Patients With Nonconvulsive Status Epilepticus in the Neurological Intensive Care Unit of a Tertiary Referral Center in Turkey. Clinical EEG and Neuroscience, 2014, 45, 293-298.	1.7	14
28	How Doppler effect occurs in absence of intracranial blood flow in brain death? Medical Hypotheses, 2013, 80, 103-104.	1.5	13
29	Stroke Mechanism in COVID-19 Infection: A Prospective Case-Control Study. Journal of Stroke and Cerebrovascular Diseases, 2021, 30, 105919.	1.6	13
30	Intravenous Thrombolytic Therapy in Acute Stroke: Problems and Solutions. Turk Noroloji Dergisi = Turkish Journal of Neurology, 2017, 23, 162-175.	0.3	11
31	Do Video-EEG Monitoring Findings in ICU Patients With Acute Stroke Predict Development of Seizures and Survival During Follow-up?. Clinical EEG and Neuroscience, 2017, 48, 417-421.	1.7	10
32	Efficacy and Safety of Ketamine in Refractory/Super-refractory Nonconvulsive Status Epilepticus: Single-Center Experience. Clinical EEG and Neuroscience, 2021, 52, 345-350.	1.7	10
33	Pathophysiologic, Rather than Laboratory-defined Resistance Drives Aspirin Failure in Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2015, 24, 745-750.	1.6	9
34	Dual Mechanical Thrombectomy for Recanalization of a Resistant Acute Posterior Circulation Stroke. Journal of Cerebrovascular and Endovascular Neurosurgery, 2017, 19, 96.	0.5	9
35	Isolated Upper Limb Weakness From Ischemic Stroke: Mechanisms and Outcome. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 2712-2719.	1.6	9
36	Central pontine and extra-pontine myelinolysis after correction of severe hypoglycemia. Neurological Sciences, 2013, 34, 2223-2224.	1.9	8

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37	Two cases of primary leptomeningeal melanomatosis mimicking subacute meningitis. Neuroradiology Journal, 2018, 31, 42-46.	1.2	8
38	Perfusion imaging insights into SMART syndrome: a case report. Acta Neurologica Belgica, 2015, 115, 807-810.	1.1	7
39	Bright and dark vessels on stroke imaging: different sides of the same coin?. Diagnostic and Interventional Radiology, 2016, 22, 284-290.	1.5	7
40	Nonsustained Atrial Fibrillation in Ischemic Stroke Patients and Strokeâ€Free Controls From the Perspective of Stroke Pathophysiology. Journal of the American Heart Association, 2016, 5, .	3.7	7
41	Intravenous Thrombolysis for Acute Ischemic Stroke in Patients with Cervicocephalic Dolichoarteriopathy. Journal of Stroke and Cerebrovascular Diseases, 2017, 26, 2579-2586.	1.6	7
42	Post-stroke Recrudescence from Infection: an Immunologic Mechanism?. Translational Stroke Research, 2019, 10, 146-149.	4.2	7
43	Floating Aortic Thrombus: A Rare Cause of Acute Ischemic Stroke Necessitating Modification of Access Route for Thrombectomy. Journal of Stroke and Cerebrovascular Diseases, 2019, 28, 104291.	1.6	7
44	Relevance of Distal Arterial Collapse in Stenting of Atherosclerotic Near-Occlusion of the Carotid Artery. American Journal of Neuroradiology, 2020, 41, 1054-1060.	2.4	7
45	The dynamics of hematoma surface regularity and hematoma expansion in acute intracerebral hemorrhage. Journal of Clinical Neuroscience, 2020, 74, 160-163.	1.5	7
46	Intracerebral hematoma expansion and intracranial internal carotid artery calcifications. Clinical Neurology and Neurosurgery, 2021, 200, 106361.	1.4	7
47	The COVID-19 from Neurological Overview. Turk Noroloji Dergisi = Turkish Journal of Neurology, 2020, 26, 58-108.	0.3	7
48	Hyperoxia potentiated sonothrombolysis as a method of acute ischemic stroke therapy. Medical Hypotheses, 2006, 66, 59-65.	1.5	6
49	Analyses of the Turkish National Intravenous Thrombolysis Registry. Journal of Stroke and Cerebrovascular Diseases, 2016, 25, 1041-1047.	1.6	6
50	Catch Plus thrombectomy device in acute stroke: initial evaluation. Journal of NeuroInterventional Surgery, 2017, 9, 1214-1218.	3.3	6
51	Cerebral vasomotor reactivity in migraine: effect of patent foramen ovale and aerogenic microembolism. Neurological Research, 2020, 42, 795-804.	1.3	6
52	Diabetic uremic syndrome. Journal of Neurology, 2008, 255, 1415-1416.	3.6	5
53	Elevations in Tissue Fluid-Attenuated Inversion Recovery Signal Are Related to Good Functional Outcome after Thrombolytic Treatment. Journal of Stroke and Cerebrovascular Diseases, 2016, 25, 480-483.	1.6	5
54	Occipital petalia as a predictive imaging sign for transverse sinus dominance. Neurological Research, 2019, 41, 306-311.	1.3	5

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55	Time to Detection of the First Seizure in Patients With Nonconvulsive Status Epilepticus in the Neurological Intensive Care Unit. Clinical EEG and Neuroscience, 2020, 51, 70-73.	1.7	5
56	Characteristic imaging features of neurovascular involvement in primary Sneddon's syndrome: an analysis of 12 cases. Neurological Sciences, 2021, 42, 2363-2369.	1.9	5
57	Alarms in a neurocritical care unit: a prospective study. Journal of Clinical Monitoring and Computing, 2022, 36, 995-1001.	1.6	5
58	The association between telomere length and ischemic stroke risk and phenotype. Scientific Reports, 2021, 11, 10967.	3.3	5
59	Can Convexity Subarachnoid Hemorrhage be Caused by Rupture of a Saccular Aneurysm?. Journal of Vascular and Interventional Neurology, 2018, 10, 1-3.	1.1	5
60	Advances in transcranial Doppler clinical applications. Expert Opinion on Medical Diagnostics, 2010, 4, 343-358.	1.6	4
61	Diabetic uremic syndrome studied with cerebral MR spectroscopy and CT perfusion. Metabolic Brain Disease, 2013, 28, 711-715.	2.9	4
62	Paradoxical Consequence of Human Chorionic Gonadotropin Misuse. Journal of Stroke and Cerebrovascular Diseases, 2015, 24, e17-e19.	1.6	4
63	Reversible white matter edema in dialysis disequilibrium syndrome. Journal of Neuroradiology, 2015, 42, 247-249.	1.1	4
64	Bioresorbable Vascular Scaffolds in Interventional Neuroradiology. Clinical Neuroradiology, 2018, 28, 585-592.	1.9	4
65	The Fragility Index in Randomized Controlled Trials for Patent Foramen Ovale Closure in Cryptogenic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2019, 28, 1636-1639.	1.6	4
66	Intracerebral hemorrhage volume estimation: Is modification of the ABC/2 formula necessary according to the hematoma shape?. Clinical Neurology and Neurosurgery, 2021, 207, 106779.	1.4	4
67	Neutrophil-to-Lymphocyte Ratio and Prognosis of Spontaneous Intracerebral Hemorrhage. Týrk Beyin Damar Hastalıkları Dergisi, 2019, 25, 118-124.	0.1	4
68	Thrombolytic Therapy for Stroke in Turkey: Meta-analysis of Published Case Series. Turk Noroloji Dergisi = Turkish Journal of Neurology, 2020, 26, 138-141.	0.3	4
69	Resuscitation in COVID-19 patients: What do we know and what should we do?. Cardiology Journal, 2020, 27, 656-657.	1.2	4
70	Do antimicrobial stewardship programs improve the quality of care in ICU patients diagnosed with infectious diseases following consultation? Experience in a tertiary care hospital. International Journal of Infectious Diseases, 2022, 115, 201-207.	3.3	4
71	Effects of common medications on cerebral vasospasm after subarachnoid haemorrhage. Expert Opinion on Drug Safety, 2006, 5, 57-65.	2.4	3
72	Why sensitivity of femoral and brachial contrast injections for sonographic detection of patent foramen ovale are different?. Medical Hypotheses, 2008, 71, 155-156.	1.5	3

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73	Transvenous Treatment of Carotid Aneurysms Through Transseptal Access. World Neurosurgery, 2019, 124, 459-463.e2.	1.3	3
74	Cognitive dysfunction in relation to topography and burden of cerebral microbleeds. Noropsikiyatri Arsivi, 2018, 55, 84-90.	0.3	3
75	Acute Ischemic Stroke Treatment In COVID-19 Pandemia: Expert Opinion. Týrk Beyin Damar Hastalıkları Dergisi, 2020, 26, 91-94.	0.1	3
76	Acute Stroke Nursing: Standards and practical applications Turkish Society of Cerebrovascular Disease and the Society of Neurological Nursing: Joint Strategy Project. T¼rk Beyin Damar Hastalıkları Dergisi, 2020, 26, 1-90.	0.1	3
77	Perioperative and follow-up results in carotid artery stenting with contralateral carotid occlusion. Japanese Journal of Radiology, 2016, 34, 523-528.	2.4	2
78	Neuroinvasive Listeriosis. Neurologist, 2018, 23, 86-91.	0.7	2
79	One Disease with two Faces: Semidominant Inheritance of a Novel HTRA1 Mutation in a Consanguineous Family. Journal of Stroke and Cerebrovascular Diseases, 2021, 30, 105997.	1.6	2
80	Turkish Cerebrovascular Diseases Society and not forgetting stroke in pandemic. Týrk Beyin Damar Hastalıkları Dergisi, 2020, 26, 150-152.	0.1	2
81	Long-term follow-up outcomes in a real-world study cohort after percutaneous PFO closure. Turk Kardiyoloji Dernegi Arsivi, 2020, 49, 29-39.	0.5	2
82	Incidental DWI Lesions in Patients with Recent Small Subcortical Infarctions. Journal of Stroke and Cerebrovascular Diseases, 2022, 31, 106304.	1.6	2
83	Importance of Jugular Valve Incompetence in Contrast Transcranial Doppler Ultrasonography for the Diagnosis of Patent Foramen Ovale. Journal of Neuroimaging, 2003, 13, 272-275.	2.0	1
84	Idiopathic segmental cerebral vasoconstriction syndrome leading to death. Neurological Sciences, 2013, 34, 1841-1842.	1.9	1
85	SLE mimicking infectious myelitis. Joint Bone Spine, 2014, 81, 453.	1.6	1
86	R141C Mutation of NOTCH3 Gene in Cerebral Autosomal Dominant Arteriopathy with Subcortical Infarcts and Leukoencephalopathy. Journal of Neurosciences in Rural Practice, 2017, 08, 301-303.	0.8	1
87	Determinants of preventable stroke—Ankara ACROSS stroke preventability study. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 104825.	1.6	1
88	The determinants of neurological phenotypes during acute hypertensive crises – a preliminary study. Neurological Research, 2020, 42, 398-404.	1.3	1
89	Time in therapeutic range among warfarin users in Turkey: Are there enough data to set definitive criteria for reimbursement?. Turk Kardiyoloji Dernegi Arsivi, 2021, 49, 254-256.	0.5	1
90	Abstract WP187: Subclinical Macro and Microvascular Disease in Stroke-free Subjects With Nonsustained Atrial Fibrillation. Stroke, 2017, 48, .	2.0	1

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91	Hematoma volume as a sole predictor of in-hospital mortality following spontaneous intracerebral. $T\tilde{A}^{1}_{4}$ rk Beyin Damar Hastal \ddot{A} ±klar \ddot{A} ± Dergisi, 2011, 17, 63-66.	0.1	1
92	Intravenous Thrombolytic Therapy in Acute Stroke: Frequent Systemic Problems and Solutions. Turk Noroloji Dergisi = Turkish Journal of Neurology, 2018, 2018, 13-25.	0.3	1
93	Prediction of early prognosis in intracerebral hematomas: STICH-2 prognosis score against Hemphill score. Týrk Beyin Damar Hastalıkları Dergisi, 2019, 25, 106-112.	0.1	1
94	Idiopathic hypereosinophilic syndrome presenting with multiple embolic stroke: Case report and review of the literature. $T\tilde{A}\frac{1}{4}$ rk Beyin Damar Hastal \ddot{A} ±klar \ddot{A} ± Dergisi, 2019, 25, 125-128.	0.1	1
95	Blood glucose variability during the first 24 hours and prognosis in acute stroke patients treated with IV thrombolysis. TÁ¼rk Beyin Damar Hastalıkları Dergisi, 2019, 25, 19-25.	0.1	1
96	The Role of education level and gender from the perspective of preventable stroke: Ankara ACROSS subgroup analysis. Týrk Beyin Damar Hastalıkları Dergisi, 2020, 26, 236-242.	0.1	1
97	Disappearance and reappearance of a cerebral aneurysm. Journal of Vascular and Interventional Neurology, 2014, 7, 6-7.	1.1	1
98	Importance of jugular valve incompetence in contrast transcranial Doppler ultrasonography for the diagnosis of patent foramen ovale., 2003, 13, 272-5.		1
99	Comparison of early- and late-phase CT angiography findings in brain death. Journal of Neurology, 0, , .	3.6	1
100	Neuronutrition: An Emerging Concept. , 2017, , 155-206.		0
101	147.â€∫CEREBROVASCULAR EVENT CAN BE THE PRESENTING FEATURE OF TAKAYASU ARTERITIS: RESULTS OF A PROSPECTIVE VASCULITIS CENTER. Rheumatology, 2019, 58, .	1.9	0
102	AB1336Câ€COMPARISON OF NORMALIZED MUSCLE ACTIVATION EFFECTS OF THREE DIFFERENT EXERCISES O SUPRAHYOID MUSCLES IN HEALTHY SUBJECTS. , 2019, , .	N	0
103	Isolated Sulcal Effacement and Response to Intravenous Thrombolysis in Acute Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 105168.	1.6	O
104	Spinal cord involvement in posterior reversible encephalopathy syndrome. Acta Neurologica Belgica, 2021, , 1.	1.1	0
105	Abstract 2716: Patients with Leukoaraiosis Have Poor Recruitment of Collaterals After Middle Cerebral Artery Occlusion. Stroke, 2012, 43, .	2.0	0
106	Abstract WP226: Short Lasting Runs (<30 sec) of Atrial Fibrillation are More Commonly Observed in Ischemic Stroke Patients in Comparison to Controls. Stroke, 2016, 47, .	2.0	0
107	Stroke Treatment: Current News and Developments. Turk Noroloji Dergisi = Turkish Journal of Neurology, 2016, 22, 145-147.	0.3	O
108	Mechanic Ventilation Support in Neuromusculer Disorders. Gýncel Göğüs Hastalıkları Serisi, 2018, 6, .	0.0	0

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109	Angiographic evidence of small vessel involvement in Fabry disease. Türk Beyin Damar Hastalıkları Dergisi, 2018, 24, 124-127.	0.1	0
110	Abstract WP408: Interplay Between Patent Foramen Ovale, Migraine, Stroke and Cerebral Vasomotor Reactivity. Stroke, 2018, 49, .	2.0	0
111	Lesion Pattern on Magnetic Resonance Imaging and Stroke Etiology in Multi-territorial Infarctions. Týrk Beyin Damar Hastalıkları Dergisi, 2018, 24, 94-97.	0.1	0
112	Transtemporal acoustic bone window adequacy can be determined by B-mode sonography: Prospective transcranial B-mode and color Doppler ultrasound in 375 neurologically asymptomatic volunteers. Týrk Beyin Damar Hastalıkları Dergisi, 2019, 25, 164-170.	0.1	0
113	Reversible hypertensive brainstem encephalopathy coexistent with acute intracerebral hemorrhage. Týrk Beyin Damar Hastalıkları Dergisi, 2019, 25, 42-47.	0.1	0
114	Disseminated cerebral microbleeds in sepsis associated reversible posterior leukoencephalopathy syndrome. Türk Beyin Damar Hastalıkları Dergisi, 2019, 25, 176-180.	0.1	0
115	Intracerebral hematoma and cervicocephalic dolichoarteriopathy. Türk Beyin Damar Hastalıkları Dergisi, 2020, 26, 167-172.	0.1	0
116	Cardiopulmonary resuscitation and prognosis in COVID-19 Pandemic. Týrk Beyin Damar Hastalıkları Dergisi, 2020, 26, 153-156.	0.1	0
117	Serum albumin, bilirubin and PALBI score and response to intravenous thrombolytic therapy in acute ischemic stroke. Týrk Beyin Damar Hastalıkları Dergisi, 2020, 26, 157-161.	0.1	0
118	"Fisher Preventable Stroke Score―versus "Life's Simple 7― An Ankara ACROSS subgroup study. Türk Beyin Damar Hastalıkları Dergisi, 2020, 26, 180-185.	0.1	0
119	Acute Middle Cerebral Artery Occlusion Treated by Thrombectomy in a Patient with Myelodysplastic Syndrome and Severe Thrombocytopenia. Journal of Vascular and Interventional Neurology, 2015, 8, 22-6.	1.1	0
120	Isolated spinal cord granulomatous angiitis: a case report and review of the literature. Journal of Neurology, 2022, , $1.$	3.6	0
121	Cortical Subarachnoid Hemorrhage in Behcet's Disease. Journal of Stroke and Cerebrovascular Diseases, 2022, 31, 106351.	1.6	0
122	Stroke Neuroimage: Hyperventilation Arterial Spin Labeling in Moyamoya Disease. Stroke, 2022, 53, STROKEAHA121038520.	2.0	0
123	Abstract WMP56: Utility of Bubble Test with Cervical Internal Carotid Artery Triplex Ultrasound in Detection of Right-to-left Shunts. Stroke, 2013, 44, .	2.0	0
124	Abstract TMP52: The Role of Non-sustained Short Lasting Runs of Supraventricular Tachycardia and Atrial Fibrillation as a Causative Factor in Ischemic Stroke. Stroke, 2013, 44, .	2.0	0