

Hayrunnisa Bolay

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

5,770
citations

147801

31
h-index

88630

70
g-index

82
all docs

82
docs citations

82
times ranked

5265
citing authors

#	ARTICLE	IF	CITATIONS
1	Migraine susceptibility is modulated by food triggers and analgesic overuse via sulfotransferase inhibition. <i>Journal of Headache and Pain</i> , 2022, 23, 36.	6.0	7
2	Cellular iron storage and trafficking are affected by GTN stimulation in primary glial and meningeal cell culture. <i>Turkish Journal of Biology</i> , 2021, 45, 46-55.	0.8	6
3	Latent class cluster analysis identified hidden headache phenotypes in COVID-19: impact of pulmonary infiltration and IL-6. <i>Neurological Sciences</i> , 2021, 42, 1665-1673.	1.9	40
4	HMGB1, NLRP3, IL-6 and ACE2 levels are elevated in COVID-19 with headache: a window to the infection-related headache mechanism. <i>Journal of Headache and Pain</i> , 2021, 22, 94.	6.0	48
5	Headache characteristics in COVID-19 pandemic-a survey study. <i>Journal of Headache and Pain</i> , 2020, 21, 121.	6.0	113
6	Case Series of Headache Characteristics in COVID-19: Headache Can Be an Isolated Symptom. <i>Headache</i> , 2020, 60, 1788-1792.	3.9	67
7	Are Migraine Patients at Increased Risk for Symptomatic Coronavirus Disease 2019 Due to Shared Comorbidities?. <i>Headache</i> , 2020, 60, 2508-2521.	3.9	18
8	COVID-19 is a Real Headache!. <i>Headache</i> , 2020, 60, 1415-1421.	3.9	204
9	Endothelial and Autonomic Functions in Patients with Migraine. <i>Pain Medicine</i> , 2020, 21, e222-e231.	1.9	8
10	Thalamocortical network interruption: A fresh view for migraine symptoms. <i>Turkish Journal of Medical Sciences</i> , 2020, 50, 1651-1654.	0.9	9
11	Iron homeostasis is altered in response to hypoxia and hypothermic preconditioning in brain glial cells. <i>Turkish Journal of Medical Sciences</i> , 2020, 50, 2005-2016.	0.9	7
12	Aura and Head pain: relationship and gaps in the translational models. <i>Journal of Headache and Pain</i> , 2019, 20, 94.	6.0	38
13	Reduced Short-Latency Afferent Inhibition Indicates Impaired Sensorimotor Integrity During Migraine Attacks. <i>Headache</i> , 2019, 59, 906-914.	3.9	14
14	Headache Anatomy and Mechanisms of Peripheral Nerve Interventions. <i>Headache</i> , 2019, , 7-16.	0.4	0
15	Behavioral and cognitive animal models in headache research. <i>Journal of Headache and Pain</i> , 2019, 20, 11.	6.0	97
16	CGRP receptor antagonist MK-8825 attenuates cortical spreading depression induced pain behavior. <i>Cephalalgia</i> , 2019, 39, 354-365.	3.9	64
17	Visual and Postural Motion-Evoked Dizziness Symptoms Are Predominant in Vestibular Migraine Patients. <i>Pain Medicine</i> , 2018, 19, 178-183.	1.9	17
18	Cognitive dysfunction and migraine. <i>Journal of Headache and Pain</i> , 2018, 19, 109.	6.0	120

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19	Co-occurrence of migraine and atopy in children and adolescents: myth or a casual relationship?. <i>Current Opinion in Neurology</i> , 2017, 30, 287-291.	3.6	16
20	Somatosensory temporal discrimination remains intact in tension-type headache whereas it is disrupted in migraine attacks. <i>Cephalalgia</i> , 2017, 37, 1241-1247.	3.9	29
21	Sex-related influences in migraine. <i>Journal of Neuroscience Research</i> , 2017, 95, 587-593.	2.9	61
22	Metoclopramide inhibits trigeminovascular activation:evidence for effective acute attack treatment in migraine. <i>Turkish Journal of Medical Sciences</i> , 2017, 47, 343-347.	0.9	14
23	Nitroglycerin challenge induces lateralized headache in nasociliarynerve-ligated rats: implications for chronic migraine. <i>Turkish Journal of Medical Sciences</i> , 2017, 47, 681-688.	0.9	12
24	Adulthood behavioral and neurodevelopmental effects of being raised by an ambivalent mother in rats: what does not kill you makes you stronger. <i>Turkish Journal of Medical Sciences</i> , 2016, 46, 1546-1560.	0.9	3
25	Chronic Migraine Is Associated With Sustained Elevation of Somatosensory Temporal Discrimination Thresholds. <i>Headache</i> , 2016, 56, 1439-1447.	3.9	22
26	Somatosensory temporal discrimination is prolonged during migraine attacks. <i>Headache</i> , 2016, 56, 104-112.	3.9	21
27	The role of cortical spreading depression in migraine. <i>Future Neurology</i> , 2015, 10, 503-506.	0.5	0
28	A Case of Sarcoidosis of the Central Nervous System and Orbita. <i>Case Reports in Medicine</i> , 2015, 2015, 1-3.	0.7	6
29	Gender influences headache characteristics with increasing age in migraine patients. <i>Cephalalgia</i> , 2015, 35, 792-800.	3.9	58
30	Gender differences in older adults with chronic migraine in Turkey. <i>Geriatrics and Gerontology International</i> , 2015, 15, 652-658.	1.5	7
31	The thalamic reticular nucleus is activated by cortical spreading depression in freely moving rats: prevention by acute valproate administration. <i>European Journal of Neuroscience</i> , 2015, 41, 120-128.	2.6	52
32	Intracranial Hypotension and Hypertension in Children and Adolescents. <i>Current Pain and Headache Reports</i> , 2014, 18, 430.	2.9	10
33	The effects of the estrus cycle and citalopram on anxiety-like behaviors and c-fos expression in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 124, 180-187.	2.9	32
34	Enlightning™ the impact of atmospheric conditions in headache. <i>Cephalalgia</i> , 2013, 33, 362-364.	3.9	4
35	Migren Patofizyolojisi. <i>Noropsikiyatri Arsivi</i> , 2013, 50, 1-7.	0.7	9
36	The first phase of a migraine attack resides in the cortex. <i>Journal of Neural Transmission</i> , 2012, 119, 569-574.	2.8	21

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37	Systemic paracetamol-induced analgesic and antihyperalgesic effects through activation of descending serotonergic pathways involving spinal 5-HT ₇ receptors. <i>European Journal of Pharmacology</i> , 2012, 677, 93-101.	3.5	67
38	Cyclosporine A-induced acute hepatotoxicity in guinea pigs is associated with endothelin-mediated decrease in local hepatic blood flow. <i>Life Sciences</i> , 2011, 88, 753-760.	4.3	9
39	Sex-Related Differences in Animal Models of Migraine Headache. <i>Headache</i> , 2011, 51, 891-904.	3.9	53
40	Does Low Atmospheric Pressure Independently Trigger Migraine?. <i>Headache</i> , 2011, 51, 1426-1430.	3.9	23
41	Pharmacology. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2010, 97, 47-71.	1.8	8
42	Does single cortical spreading depression elicit pain behaviour in freely moving rats?. <i>Cephalalgia</i> , 2010, 30, 1195-1206.	3.9	71
43	Hemodynamic correlates of mental arithmetic task in migraine. , 2009, , .		3
44	AVERROËS IN THE SCHOOL OF ATHENS. <i>Neurosurgery</i> , 2009, 64, 374-381.	1.1	21
45	Percutaneous Pulsed Radiofrequency Reduces Mechanical Allodynia in a Neuropathic Pain Model. <i>Anesthesia and Analgesia</i> , 2008, 107, 1406-1411.	2.2	30
46	ARX Model Approach to Data Acquired From Healthy and Migraine Subjects. , 2008, , .		0
47	Delayed neurotoxic complication of intracavitary bleomycin therapy for craniopharyngioma in a child who had previously undergone radiosurgery. <i>Journal of Neurosurgery: Pediatrics</i> , 2007, 106, 391-393.	1.3	7
48	Subclinical Impairment of Neuromuscular Transmission in Transient Global Amnesia. <i>Cognitive and Behavioral Neurology</i> , 2007, 20, 179-183.	0.9	3
49	High frequency oscillations in brain hemodynamic response. <i>Proceedings of SPIE</i> , 2007, , .	0.8	0
50	High Frequency Oscillations in Brain Hemodynamic Response. , 2007, , .		0
51	Cerebrovascular dynamics in patients with migraine: Near-infrared spectroscopy study. <i>Neuroscience Letters</i> , 2006, 400, 86-91.	2.1	39
52	fNIRS measurements in migraine. , 2005, , .		0
53	The Neurobiology of Migraine and Transformation of Headache Therapy. , 2005, , 107-ii.		7
54	Cerebral Hemodynamic Reactivity Measured by Near-Infrared Spectroscopy in Migraineurs. , 2005, 2005, 1484-7.		0

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55	Transient High Altitude Neurological Dysfunction: An Origin in the Temporoparietal Cortex. High Altitude Medicine and Biology, 2004, 5, 71-75.	0.9	18
56	Deciphering migraine mechanisms: Clues from familial hemiplegic migraine genotypes. Annals of Neurology, 2004, 55, 276-280.	5.3	207
57	PRECLINICAL EVALUATION OF A NOVEL INTRACEREBRAL MICROINJECTION INSTRUMENT PERMITTING ELECTROPHYSIOLOGICALLY GUIDED DELIVERY OF THERAPEUTICS. Neurosurgery, 2004, 54, 1497-1507.	1.1	20
58	Cortical spreading depression activates and upregulates MMP-9. Journal of Clinical Investigation, 2004, 113, 1447-1455.	8.2	389
59	Cortical spreading depression activates and upregulates MMP-9. Journal of Clinical Investigation, 2004, 113, 1447-1455.	8.2	261
60	Simultaneous imaging of total cerebral hemoglobin concentration, oxygenation, and blood flow during functional activation. Optics Letters, 2003, 28, 28.	3.3	320
61	Transcorneal stimulation of trigeminal nerve afferents to increase cerebral blood flow in rats with cerebral vasospasm: a noninvasive method to activate the trigeminovascular reflex. Journal of Neurosurgery, 2002, 97, 1179-1183.	1.6	29
62	Persistent Defect in Transmitter Release and Synapsin Phosphorylation in Cerebral Cortex After Transient Moderate Ischemic Injury. Stroke, 2002, 33, 1369-1375.	2.0	102
63	Nuclear factor- κ B as a molecular target for migraine therapy. Annals of Neurology, 2002, 51, 507-516.	5.3	167
64	Intrinsic brain activity triggers trigeminal meningeal afferents in a migraine model. Nature Medicine, 2002, 8, 136-142.	30.7	1,083
65	Mechanisms of pain modulation in chronic syndromes. Neurology, 2002, 59, S2-7.	1.1	134
66	Spatially resolved cerebral blood flow imaging using laser speckle. , 2001, 4260, 16.		0
67	Dynamic Imaging of Cerebral Blood Flow Using Laser Speckle. Journal of Cerebral Blood Flow and Metabolism, 2001, 21, 195-201.	4.3	780
68	Chronic daily administration of selegiline and EGb 761 increases brain's resistance to ischemia in mice. Brain Research, 2001, 917, 174-181.	2.2	31
69	Role of Endothelial Nitric Oxide Generation and Peroxynitrite Formation in Reperfusion Injury After Focal Cerebral Ischemia. Stroke, 2000, 31, 1974-1981.	2.0	169
70	Altered mechanisms of motor-evoked potential generation after transient focal cerebral ischemia in the rat: implications for transcranial magnetic stimulation. Brain Research, 2000, 873, 26-33.	2.2	32
71	Pinealectomy Aggravates and Melatonin Administration Attenuates Brain Damage in Focal Ischemia. Journal of Cerebral Blood Flow and Metabolism, 1999, 19, 511-516.	4.3	150
72	Occlusion of the MCA by an intraluminal filament may cause disturbances in the hippocampal blood flow due to anomalies of circle of Willis and filament thickness. Brain Research, 1999, 822, 260-264.	2.2	53

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73	Alpha interferon treatment in myasthenia gravis: Effects on natural killer cell activity. Journal of Neuroimmunology, 1998, 82, 109-115.	2.3	10
74	Mechanisms of Motor Dysfunction After Transient MCA Occlusion: Persistent Transmission Failure in Cortical Synapses Is a Major Determinant. Stroke, 1998, 29, 1988-1994.	2.0	68
75	PCR detected hepatitis C virus genome in the brain of a case with progressive encephalomyelitis with rigidity. Clinical Neurology and Neurosurgery, 1996, 98, 305-308.	1.4	91
76	Balo's Concentric Sclerosis Report of Two Patients with Magnetic Resonance Imaging Follow-up. Journal of Neuroimaging, 1996, 6, 98-103.	2.0	24
77	Unusual Appearance of Intracranial Fibromuscular Dysplasia. Angiology, 1996, 47, 627-632.	1.8	17
78	Late Onset Absence Seizures in Multiple Sclerosis: A Case Report. Clinical EEG (electroencephalography), 1995, 26, 124-130.	0.9	5
79	Protective Effect of the Iron Chelator Deferoxamine on Cerebral Vasospasm. Vascular Surgery, 1992, 26, 665-671.	0.3	2
80	Fibromuscular Dysplasia of the Basilar Artery: A Case with Brain Stem Stroke. Angiology, 1990, 41, 658-661.	1.8	12