

Messoud Ashina

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

257 papers	8,974 citations	48 h-index	85 g-index
268 ext. papers	11,870 ext. citations	7.9 avg, IF	6.79 L-index

#	Paper	IF	Citations
257	Safety and efficacy of erenumab for preventive treatment of chronic migraine: a randomised, double-blind, placebo-controlled phase 2 trial. <i>Lancet Neurology, The</i> , 2017 , 16, 425-434	24.1	396
256	Origin of pain in migraine: evidence for peripheral sensitisation. <i>Lancet Neurology, The</i> , 2009 , 8, 679-90	24.1	360
255	Calcitonin gene-related peptide triggers migraine-like attacks in patients with migraine with aura. <i>Cephalalgia</i> , 2010 , 30, 1179-86	6.1	276
254	Safety and efficacy of ALD403, an antibody to calcitonin gene-related peptide, for the prevention of frequent episodic migraine: a randomised, double-blind, placebo-controlled, exploratory phase 2 trial. <i>Lancet Neurology, The</i> , 2014 , 13, 1100-1107	24.1	275
253	ARISE: A Phase 3 randomized trial of erenumab for episodic migraine. <i>Cephalalgia</i> , 2018 , 38, 1026-1037	6.1	272
252	PACAP38 induces migraine-like attacks in patients with migraine without aura. <i>Brain</i> , 2009 , 132, 16-25	11.2	270
251	Safety and efficacy of AMG 334 for prevention of episodic migraine: a randomised, double-blind, placebo-controlled, phase 2 trial. <i>Lancet Neurology, The</i> , 2016 , 15, 382-90	24.1	246
250	A systematic comparison of motion artifact correction techniques for functional near-infrared spectroscopy. <i>Frontiers in Neuroscience</i> , 2012 , 6, 147	5.1	229
249	Evidence for a vascular factor in migraine. <i>Annals of Neurology</i> , 2011 , 69, 635-45	9.4	201
248	Magnetic resonance angiography of intracranial and extracranial arteries in patients with spontaneous migraine without aura: a cross-sectional study. <i>Lancet Neurology, The</i> , 2013 , 12, 454-61	24.1	200
247	Migraine and structural changes in the brain: a systematic review and meta-analysis. <i>Neurology</i> , 2013 , 81, 1260-8	6.5	188
246	European headache federation guideline on the use of monoclonal antibodies acting on the calcitonin gene related peptide or its receptor for migraine prevention. <i>Journal of Headache and Pain</i> , 2019 , 20, 6	8.8	158
245	Investigation of the pathophysiological mechanisms of migraine attacks induced by pituitary adenylate cyclase-activating polypeptide-38. <i>Brain</i> , 2014 , 137, 779-94	11.2	144
244	Guidelines of the International Headache Society for controlled trials of preventive treatment of chronic migraine in adults. <i>Cephalalgia</i> , 2018 , 38, 815-832	6.1	141
243	Fremanezumab versus placebo for migraine prevention in patients with documented failure to up to four migraine preventive medication classes (FOCUS): a randomised, double-blind, placebo-controlled, phase 3b trial. <i>Lancet, The</i> , 2019 , 394, 1030-1040	40	138
242	Migraine. <i>New England Journal of Medicine</i> , 2020 , 383, 1866-1876	59.2	123
241	Migraine and the trigeminovascular system-40 years and counting. <i>Lancet Neurology, The</i> , 2019 , 18, 795-804	24.1	114

240	Eptinezumab in episodic migraine: A randomized, double-blind, placebo-controlled study (PROMISE-1). <i>Cephalalgia</i> , 2020 , 40, 241-254	6.1	111
239	Erenumab in chronic migraine with medication overuse: Subgroup analysis of a randomized trial. <i>Neurology</i> , 2019 , 92, e2309-e2320	6.5	104
238	Human models of migraine - short-term pain for long-term gain. <i>Nature Reviews Neurology</i> , 2017 , 13, 713-724	15	98
237	Erenumab (AMG 334) in episodic migraine: Interim analysis of an ongoing open-label study. <i>Neurology</i> , 2017 , 89, 1237-1243	6.5	98
236	Calcitonin gene-related peptide and pain: a systematic review. <i>Journal of Headache and Pain</i> , 2017 , 18, 34	8.8	88
235	Headache and prolonged dilatation of the middle meningeal artery by PACAP38 in healthy volunteers. <i>Cephalalgia</i> , 2012 , 32, 140-9	6.1	87
234	Guidelines of the International Headache Society for controlled trials of acute treatment of migraine attacks in adults: Fourth edition. <i>Cephalalgia</i> , 2019 , 39, 687-710	6.1	83
233	Provocation of migraine with aura using natural trigger factors. <i>Neurology</i> , 2013 , 80, 428-31	6.5	81
232	Migraine induced by hypoxia: an MRI spectroscopy and angiography study. <i>Brain</i> , 2016 , 139, 723-37	11.2	78
231	Effect of Infusion of Calcitonin Gene-Related Peptide on Cluster Headache Attacks: A Randomized Clinical Trial. <i>JAMA Neurology</i> , 2018 , 75, 1187-1197	17.2	75
230	Increased brainstem perfusion, but no blood-brain barrier disruption, during attacks of migraine with aura. <i>Brain</i> , 2017 , 140, 1633-1642	11.2	74
229	Efficacy and safety of erenumab (AMG334) in chronic migraine patients with prior preventive treatment failure: A subgroup analysis of a randomized, double-blind, placebo-controlled study. <i>Cephalalgia</i> , 2018 , 38, 1611-1621	6.1	73
228	Experimental activation of the sphenopalatine ganglion provokes cluster-like attacks in humans. <i>Cephalalgia</i> , 2013 , 33, 831-41	6.1	73
227	Post-traumatic headache: epidemiology and pathophysiological insights. <i>Nature Reviews Neurology</i> , 2019 , 15, 607-617	15	68
226	The PACAP receptor: a novel target for migraine treatment. <i>Neurotherapeutics</i> , 2010 , 7, 191-6	6.4	67
225	Long-term tolerability of telcagepant for acute treatment of migraine in a randomized trial. <i>Headache</i> , 2011 , 51, 73-84	4.2	66
224	Migraine: epidemiology and systems of care. <i>Lancet, The</i> , 2021 , 397, 1485-1495	40	66
223	Premonitory and nonheadache symptoms induced by CGRP and PACAP38 in patients with migraine. <i>Pain</i> , 2016 , 157, 2773-2781	8	65

222	Phosphodiesterase 3 inhibitor cilostazol induces migraine-like attacks via cyclic AMP increase. <i>Brain</i> , 2014 , 137, 2951-9	11.2	64
221	Guideline on the use of onabotulinumtoxinA in chronic migraine: a consensus statement from the European Headache Federation. <i>Journal of Headache and Pain</i> , 2018 , 19, 91	8.8	64
220	Pearls and pitfalls in human pharmacological models of migraine: 30 years experience. <i>Cephalalgia</i> , 2013 , 33, 540-53	6.1	63
219	Randomized, controlled trial of telcagepant over four migraine attacks. <i>Cephalalgia</i> , 2010 , 30, 1443-57	6.1	62
218	Change in brain network connectivity during PACAP38-induced migraine attacks: A resting-state functional MRI study. <i>Neurology</i> , 2016 , 86, 180-7	6.5	61
217	Prostaglandin E(2) induces immediate migraine-like attack in migraine patients without aura. <i>Cephalalgia</i> , 2012 , 32, 822-33	6.1	58
216	Long-term safety and tolerability of erenumab: Three-plus year results from a five-year open-label extension study in episodic migraine. <i>Cephalalgia</i> , 2019 , 39, 1455-1464	6.1	55
215	Sphenopalatine ganglion neuromodulation in migraine: what is the rationale?. <i>Cephalalgia</i> , 2014 , 34, 382-91	6.1	55
214	Therapeutic novelties in migraine: new drugs, new hope?. <i>Journal of Headache and Pain</i> , 2019 , 20, 37	8.8	54
213	Emerging migraine treatments and drug targets. <i>Trends in Pharmacological Sciences</i> , 2011 , 32, 352-9	13.2	52
212	Calcitonin gene-related peptide does not cause the familial hemiplegic migraine phenotype. <i>Neurology</i> , 2008 , 71, 841-7	6.5	50
211	Migraine and structural abnormalities in the brain. <i>Current Opinion in Neurology</i> , 2014 , 27, 309-14	7.1	49
210	Migraine with aura and risk of silent brain infarcts and white matter hyperintensities: an MRI study. <i>Brain</i> , 2016 , 139, 2015-23	11.2	49
209	Opening of ATP-sensitive potassium channels causes migraine attacks: a new target for the treatment of migraine. <i>Brain</i> , 2019 , 142, 2644-2654	11.2	47
208	Guidelines of the International Headache Society for controlled trials of preventive treatment of migraine attacks in episodic migraine in adults. <i>Cephalalgia</i> , 2020 , 40, 1026-1044	6.1	47
207	Early onset of efficacy with erenumab in patients with episodic and chronic migraine. <i>Journal of Headache and Pain</i> , 2018 , 19, 92	8.8	47
206	Morphological Abnormalities of Thalamic Subnuclei in Migraine: A Multicenter MRI Study at 3 Tesla. <i>Journal of Neuroscience</i> , 2015 , 35, 13800-6	6.6	46
205	Interhemispheric differences of fMRI responses to visual stimuli in patients with side-fixed migraine aura. <i>Human Brain Mapping</i> , 2014 , 35, 2714-23	5.9	46

204	Meningeal contribution to migraine pain: a magnetic resonance angiography study. <i>Brain</i> , 2019 , 142, 93-102	11.2	46
203	CGRP, a target for preventive therapy in migraine and cluster headache: Systematic review of clinical data. <i>Cephalalgia</i> , 2019 , 39, 374-389	6.1	46
202	Long-term safety and efficacy of erenumab in patients with chronic migraine: Results from a 52-week, open-label extension study. <i>Cephalalgia</i> , 2020 , 40, 543-553	6.1	45
201	Migraine and magnetic resonance spectroscopy: a systematic review. <i>Current Opinion in Neurology</i> , 2017 , 30, 246-262	7.1	43
200	Altered thalamic connectivity during spontaneous attacks of migraine without aura: A resting-state fMRI study. <i>Cephalalgia</i> , 2018 , 38, 1237-1244	6.1	43
199	Serotonergic mechanisms in the migraine brain - a systematic review. <i>Cephalalgia</i> , 2017 , 37, 251-264	6.1	41
198	Long-term efficacy and safety of erenumab in migraine prevention: Results from a 5-year, open-label treatment phase of a randomized clinical trial. <i>European Journal of Neurology</i> , 2021 , 28, 1716-1725	6.1	40
197	Increased intrinsic brain connectivity between pons and somatosensory cortex during attacks of migraine with aura. <i>Human Brain Mapping</i> , 2017 , 38, 2635-2642	5.9	39
196	Acute and preventive pharmacological treatment of post-traumatic headache: a systematic review. <i>Journal of Headache and Pain</i> , 2019 , 20, 98	8.8	39
195	Prostaglandins in migraine: update. <i>Current Opinion in Neurology</i> , 2013 , 26, 269-75	7.1	39
194	Calcitonin gene-related peptide does not cause migraine attacks in patients with familial hemiplegic migraine. <i>Headache</i> , 2011 , 51, 544-53	4.2	39
193	What have we learnt from triggering migraine?. <i>Current Opinion in Neurology</i> , 2010 , 23, 259-65	7.1	39
192	Migraine with visual aura associated with thicker visual cortex. <i>Brain</i> , 2018 , 141, 776-785	11.2	38
191	Prostacyclin (epoprostenol) induces headache in healthy subjects. <i>Pain</i> , 2008 , 139, 106-116	8	38
190	Non-invasive vagus nerve stimulation (nVNS) for the preventive treatment of episodic migraine: The multicentre, double-blind, randomised, sham-controlled PREMIUM trial. <i>Cephalalgia</i> , 2019 , 39, 1475-1487	6.1	35
189	Migraine: integrated approaches to clinical management and emerging treatments. <i>Lancet, The</i> , 2021 , 397, 1505-1518	40	34
188	Migraine and cluster headache - the common link. <i>Journal of Headache and Pain</i> , 2018 , 19, 89	8.8	34
187	A new technology for detecting cerebral blood flow: a comparative study of ultrasound tagged NIRS and 133Xe-SPECT. <i>Neurocritical Care</i> , 2012 , 17, 139-45	3.3	33

186	Migraine: disease characterisation, biomarkers, and precision medicine. <i>Lancet, The</i> , 2021 , 397, 1496-1504	40	33
185	Diagnosis and management of migraine in ten steps. <i>Nature Reviews Neurology</i> , 2021 , 17, 501-514	15	33
184	Sensory migraine aura is not associated with structural grey matter abnormalities. <i>NeuroImage: Clinical</i> , 2016 , 11, 322-327	5.3	33
183	Cortical abnormalities in episodic migraine: A multi-center 3T MRI study. <i>Cephalalgia</i> , 2019 , 39, 665-673	6.1	33
182	PACAP27 induces migraine-like attacks in migraine patients. <i>Cephalalgia</i> , 2020 , 40, 57-67	6.1	33
181	Current understanding of thalamic structure and function in migraine. <i>Cephalalgia</i> , 2019 , 39, 1675-1682	6.1	32
180	Heterogenous migraine aura symptoms correlate with visual cortex functional magnetic resonance imaging responses. <i>Annals of Neurology</i> , 2017 , 82, 925-939	9.4	32
179	Hemiplegic migraine aura begins with cerebral hypoperfusion: imaging in the acute phase. <i>Headache</i> , 2011 , 51, 1289-96	4.2	32
178	Part II: Biochemical changes after pituitary adenylate cyclase-activating polypeptide-38 infusion in migraine patients. <i>Cephalalgia</i> , 2017 , 37, 136-147	6.1	31
177	Triptans and CGRP blockade - impact on the cranial vasculature. <i>Journal of Headache and Pain</i> , 2017 , 18, 103	8.8	30
176	Long-term tolerability and nonvascular safety of erenumab, a novel calcitonin gene-related peptide receptor antagonist for prevention of migraine: A pooled analysis of four placebo-controlled trials with long-term extensions. <i>Cephalalgia</i> , 2019 , 39, 1798-1808	6.1	30
175	Persistent post-traumatic headache attributed to mild traumatic brain injury: Deep phenotyping and treatment patterns. <i>Cephalalgia</i> , 2020 , 40, 554-564	6.1	29
174	Migraine induction with calcitonin gene-related peptide in patients from erenumab trials. <i>Journal of Headache and Pain</i> , 2018 , 19, 105	8.8	29
173	Calcitonin-gene related peptide and disease activity in cluster headache. <i>Cephalalgia</i> , 2019 , 39, 575-584	6.1	28
172	The K channel in migraine pathophysiology: a novel therapeutic target for migraine. <i>Journal of Headache and Pain</i> , 2017 , 18, 90	8.8	27
171	Effect of CGRP and sumatriptan on the BOLD response in visual cortex. <i>Journal of Headache and Pain</i> , 2012 , 13, 159-66	8.8	27
170	Structural gray matter abnormalities in migraine relate to headache lateralization, but not aura. <i>Cephalalgia</i> , 2015 , 35, 3-9	6.1	27
169	The effect of sumatriptan on cephalic arteries: A 3T MR-angiography study in healthy volunteers. <i>Cephalalgia</i> , 2013 , 33, 1009-16	6.1	26

168	Trigger factors for familial hemiplegic migraine. <i>Cephalalgia</i> , 2011 , 31, 1274-81	6.1	26
167	The Role of Endothelin in the Pathophysiology of Migraine-a Systematic Review. <i>Current Pain and Headache Reports</i> , 2018 , 22, 27	4.2	25
166	Lack of correlation between vasodilatation and pharmacologically induced immediate headache in healthy subjects. <i>Cephalalgia</i> , 2011 , 31, 683-90	6.1	25
165	Calcitonin Gene-Related Peptide Modulates Heat Nociception in the Human Brain - An fMRI Study in Healthy Volunteers. <i>PLoS ONE</i> , 2016 , 11, e0150334	3.7	25
164	Targeted Pituitary Adenylate Cyclase-Activating Peptide Therapies for Migraine. <i>Neurotherapeutics</i> , 2018 , 15, 371-376	6.4	24
163	Prevalence and risk of migraine in patients with rosacea: A population-based cohort study. <i>Journal of the American Academy of Dermatology</i> , 2017 , 76, 454-458	4.5	24
162	Cutaneous nociception and neurogenic inflammation evoked by PACAP38 and VIP. <i>Journal of Headache and Pain</i> , 2010 , 11, 309-16	8.8	24
161	Dual Therapy With Anti-CGRP Monoclonal Antibodies and Botulinum Toxin for Migraine Prevention: Is There a Rationale?. <i>Headache</i> , 2020 , 60, 1056-1065	4.2	23
160	Cranial parasympathetic activation induces autonomic symptoms but no cluster headache attacks. <i>Cephalalgia</i> , 2018 , 38, 1418-1428	6.1	23
159	Spontaneous low-frequency oscillations in cerebral vessels: applications in carotid artery disease and ischemic stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2010 , 19, 465-74	2.8	23
158	Part I: Pituitary adenylate cyclase-activating polypeptide-38 induced migraine-like attacks in patients with and without familial aggregation of migraine. <i>Cephalalgia</i> , 2017 , 37, 125-135	6.1	22
157	Levcromakalim, an Adenosine Triphosphate-Sensitive Potassium Channel Opener, Dilates Extracerebral but not Cerebral Arteries. <i>Headache</i> , 2019 , 59, 1468-1480	4.2	22
156	Coexisting typical migraine in familial hemiplegic migraine. <i>Neurology</i> , 2010 , 74, 594-600	6.5	22
155	Discrepancy between strong cephalic arterial dilatation and mild headache caused by prostaglandin D ₂ [PGD ₂]. <i>Cephalalgia</i> , 2011 , 31, 65-76	6.1	22
154	Efficacy, tolerability, and safety of erenumab for the preventive treatment of persistent post-traumatic headache attributed to mild traumatic brain injury: an open-label study. <i>Journal of Headache and Pain</i> , 2020 , 21, 62	8.8	21
153	Calcitonin gene-related peptide and migraine with aura: A systematic review. <i>Cephalalgia</i> , 2014 , 34, 695-707	6.07	21
152	Low 5-HT receptor binding in the migraine brain: A PET study. <i>Cephalalgia</i> , 2018 , 38, 519-527	6.1	20
151	The pharmacological effect of BGC20-1531, a novel prostanoid EP4 receptor antagonist, in the prostaglandin E2 human model of headache. <i>Journal of Headache and Pain</i> , 2011 , 12, 551-9	8.8	20

150	High brain serotonin levels in migraine between attacks: A 5-HT receptor binding PET study. <i>NeuroImage: Clinical</i> , 2018 , 18, 97-102	5.3	19
149	CGRP in Human Models of Migraine. <i>Handbook of Experimental Pharmacology</i> , 2019 , 255, 109-120	3.2	19
148	Onset of Efficacy Following Oral Treatment With Lasmiditan for the Acute Treatment of Migraine: Integrated Results From 2 Randomized Double-Blind Placebo-Controlled Phase 3 Clinical Studies. <i>Headache</i> , 2019 , 59, 1788-1801	4.2	19
147	Migraine and risk of hemorrhagic stroke: a study based on data from general practice. <i>Journal of Headache and Pain</i> , 2014 , 15, 74	8.8	19
146	Amylin Analog Pramlintide Induces Migraine-like Attacks in Patients. <i>Annals of Neurology</i> , 2021 , 89, 1157-1171	11.71	19
145	Challenges in developing drugs for primary headaches. <i>Progress in Neurobiology</i> , 2017 , 152, 70-88	10.9	18
144	PACAP38: Emerging Drug Target in Migraine and Cluster Headache. <i>Headache</i> , 2017 , 57 Suppl 2, 56-63	4.2	17
143	The effect of sodium nitroprusside on cerebral hemodynamics and headache in healthy subjects. <i>Cephalalgia</i> , 2013 , 33, 301-7	6.1	17
142	Pro-inflammatory and vasoconstricting prostanoid PGF ₂ α causes no headache in man. <i>Cephalalgia</i> , 2011 , 31, 1532-41	6.1	17
141	A phase 2, randomized, double-blind, placebo-controlled trial of AMG 301, a pituitary adenylate cyclase-activating polypeptide PAC1 receptor monoclonal antibody for migraine prevention. <i>Cephalalgia</i> , 2021 , 41, 33-44	6.1	17
140	CGRP in human models of primary headaches. <i>Cephalalgia</i> , 2018 , 38, 353-360	6.1	16
139	Carbon monoxide may be an important molecule in migraine and other headaches. <i>Cephalalgia</i> , 2014 , 34, 1169-80	6.1	16
138	Measurement precision and biological variation of cranial arteries using automated analysis of 3 T magnetic resonance angiography. <i>Journal of Headache and Pain</i> , 2014 , 15, 25	8.8	16
137	Migraine.. <i>Nature Reviews Disease Primers</i> , 2022 , 8, 2	51.1	16
136	Cerebral Asymmetry of fMRI-BOLD Responses to Visual Stimulation. <i>PLoS ONE</i> , 2015 , 10, e0126477	3.7	16
135	Shaping the future of migraine targeting Calcitonin-Gene-Related-Peptide with the Disease-Modifying Migraine Drugs (DMMDs). <i>Journal of Headache and Pain</i> , 2019 , 20, 60	8.8	15
134	The relationship between migraine and rosacea: Systematic review and meta-analysis. <i>Cephalalgia</i> , 2018 , 38, 1387-1398	6.1	15
133	Effect of hypoxia on BOLD fMRI response and total cerebral blood flow in migraine with aura patients. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019 , 39, 680-689	7.3	15

132	Measurement of Blood Flow Velocity in the Middle Cerebral Artery During Spontaneous Migraine Attacks: A Systematic Review. <i>Headache</i> , 2017 , 57, 852-861	4.2	14
131	Association Between Sumatriptan Treatment During a Migraine Attack and Central 5-HT1B Receptor Binding. <i>JAMA Neurology</i> , 2019 , 76, 834-840	17.2	14
130	Two-hour infusion of vasoactive intestinal polypeptide induces delayed headache and extracranial vasodilation in healthy volunteers. <i>Cephalalgia</i> , 2020 , 40, 1212-1223	6.1	14
129	Vancouver Declaration on Global Headache Patient Advocacy 2018. <i>Cephalalgia</i> , 2018 , 38, 1899-1909	6.1	14
128	Low frequency oscillations in cephalic vessels assessed by near infrared spectroscopy. <i>European Journal of Clinical Investigation</i> , 2012 , 42, 1180-8	4.6	14
127	Structured Q1 headache services as the solution to the ill-health burden of headache: 1. Rationale and description. <i>Journal of Headache and Pain</i> , 2021 , 22, 78	8.8	14
126	Can migraine aura be provoked experimentally? A systematic review of potential methods for the provocation of migraine aura. <i>Cephalalgia</i> , 2017 , 37, 74-88	6.1	13
125	PACAP38 dose-response pilot study in migraine patients. <i>Cephalalgia</i> , 2017 , 37, 391-395	6.1	13
124	Calcitonin gene-related peptide induced migraine attacks in patients with and without familial aggregation of migraine. <i>Cephalalgia</i> , 2017 , 37, 114-124	6.1	13
123	Effect of pituitary adenylate cyclase-activating polypeptide-27 on cerebral hemodynamics in healthy volunteers: A 3T MRI study. <i>Peptides</i> , 2019 , 121, 170134	3.8	13
122	Post-Traumatic Stress Disorder After Traumatic Brain Injury-A Systematic Review and Meta-Analysis. <i>Neurological Sciences</i> , 2020 , 41, 2737-2746	3.5	13
121	PACAP38 in human models of primary headaches. <i>Journal of Headache and Pain</i> , 2017 , 18, 110	8.8	13
120	Opening of ATP sensitive potassium channels causes migraine attacks with aura. <i>Brain</i> , 2021 , 144, 2322-2332	13.2	13
119	Effect of Adrenomedullin on Migraine-Like Attacks in Patients With Migraine: A Randomized Crossover Study. <i>Neurology</i> , 2021 , 96, e2488-e2499	6.5	13
118	Hypoxic mechanisms in primary headaches. <i>Cephalalgia</i> , 2017 , 37, 372-384	6.1	12
117	Reproducibility of migraine-like attacks induced by phosphodiesterase-3-inhibitor cilostazol. <i>Cephalalgia</i> , 2018 , 38, 892-903	6.1	12
116	Pharmacological modulation of the BOLD response: a study of acetazolamide and glyceryl trinitrate in humans. <i>Journal of Magnetic Resonance Imaging</i> , 2011 , 34, 921-7	5.6	12
115	Vascular changes have a primary role in migraine. <i>Cephalalgia</i> , 2012 , 32, 428-30	6.1	12

114	Hypersensitivity to Calcitonin Gene-Related Peptide in Post-Traumatic Headache. <i>Annals of Neurology</i> , 2020 , 88, 1220-1228	9.4	12
113	Reversion from chronic migraine to episodic migraine following treatment with erenumab: Results of a analysis of a randomized, 12-week, double-blind study and a 52-week, open-label extension. <i>Cephalalgia</i> , 2021 , 41, 6-16	6.1	12
112	Randomized, controlled trial of lasmiditan over four migraine attacks: Findings from the CENTURION study. <i>Cephalalgia</i> , 2021 , 41, 294-304	6.1	12
111	Toward a pragmatic migraine model for drug testing: I. Cilostazol in healthy volunteers. <i>Cephalalgia</i> , 2016 , 36, 172-8	6.1	11
110	Investigating macrophage-mediated inflammation in migraine using ultrasmall superparamagnetic iron oxide-enhanced 3T magnetic resonance imaging. <i>Cephalalgia</i> , 2019 , 39, 1407-1420	6.1	11
109	Extracranial activation of ATP-sensitive potassium channels induces vasodilation without nociceptive effects. <i>Cephalalgia</i> , 2019 , 39, 1789-1797	6.1	11
108	Effect of motion artifacts and their correction on near-infrared spectroscopy oscillation data: a study in healthy subjects and stroke patients. <i>Journal of Biomedical Optics</i> , 2015 , 20, 56011	3.5	11
107	Acute headache and persistent headache attributed to cervical artery dissection: Field testing of ICHD-III beta. <i>Cephalalgia</i> , 2014 , 34, 712-716	6.1	11
106	Opening of BK channels alters cerebral hemodynamic and causes headache in healthy volunteers. <i>Cephalalgia</i> , 2020 , 40, 1145-1154	6.1	11
105	Health technology assessment for the acute and preventive treatment of migraine: A position statement of the International Headache Society. <i>Cephalalgia</i> , 2021 , 41, 279-293	6.1	11
104	Can nitric oxide induce migraine in normal individuals?. <i>Cephalalgia</i> , 2015 , 35, 1125-9	6.1	10
103	Structural asymmetry of cortical visual areas is related to ocular dominance. <i>NeuroReport</i> , 2015 , 26, 1071-6	1.6	10
102	Sumatriptan does not change calcitonin gene-related peptide in the cephalic and extracephalic circulation in healthy volunteers. <i>Journal of Headache and Pain</i> , 2009 , 10, 85-91	8.8	10
101	Intravenous Endothelin-1 Infusion Does Not Induce Aura or Headache in Migraine Patients With Aura. <i>Headache</i> , 2020 , 60, 724-734	4.2	10
100	Post-traumatic headache attributed to traumatic brain injury: classification, clinical characteristics, and treatment. <i>Lancet Neurology</i> , 2021 , 20, 460-469	24.1	10
99	Risk Factors for the Development of Post-Traumatic Headache Attributed to Traumatic Brain Injury: A Systematic Review. <i>Headache</i> , 2020 , 60, 1066-1075	4.2	9
98	Migraine is associated with high brain 5-HT levels as indexed by 5-HT receptor binding. <i>Cephalalgia</i> , 2019 , 39, 526-532	6.1	9
97	Sildenafil and calcitonin gene-related peptide dilate intradural arteries: A 3T MR angiography study in healthy volunteers. <i>Cephalalgia</i> , 2019 , 39, 264-273	6.1	9

96	A phase 3, randomised, double-blind, placebo-controlled study to evaluate the efficacy and safety of erenumab in migraine prevention: primary results of the arise trial. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017 , 88, e1.63-e1	5.5	9
95	Altered Low Frequency Oscillations of Cortical Vessels in Patients with Cerebrovascular Occlusive Disease - A NIRS Study. <i>Frontiers in Neurology</i> , 2013 , 4, 204	4.1	9
94	The L-kynurenine signalling pathway in trigeminal pain processing: a potential therapeutic target in migraine?. <i>Cephalalgia</i> , 2011 , 31, 1029-38	6.1	9
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21	Brain barriers and their potential role in migraine pathophysiology.. <i>Journal of Headache and Pain</i> , 2022 , 23, 16	8.8	1
20	Reducing Episodic Cluster Headaches: Focus on Galcanezumab. <i>Journal of Pain Research</i> , 2020 , 13, 1591-1599	4.2	1
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15	Investigation of cortical thickness and volume during spontaneous attacks of migraine without aura: a 3-Tesla MRI study. <i>Journal of Headache and Pain</i> , 2021 , 22, 98	8.8	1
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