

# Pathophysiology of Migraine: A Disorder of Sensory Processing

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The Use of Botulinum Toxin in the Management of Headache Disorders. <i>Seminars in Neurology</i> , 2016, 36, 092-098.	0.5	11
2	<scp>T</scp>he <scp>T</scp>rigeminovascular <scp>P</scp>athway: <scp>R</scp>ole of CGRP and CGRP <scp>R</scp>eceptors in <scp>M</scp>igraine. <i>Headache</i> , 2017, 57, 47-55.	1.8	209
3	Hopes for the Future of Pain Control. <i>Pain and Therapy</i> , 2017, 6, 117-128.	1.5	42
4	An update on migraine: current understanding and future directions. <i>Journal of Neurology</i> , 2017, 264, 2031-2039.	1.8	106
5	Triptans and CGRP blockade â€“ impact on the cranial vasculature. <i>Journal of Headache and Pain</i> , 2017, 18, 103.	2.5	50
6	Reply. <i>Pain</i> , 2017, 158, 2054-2055.	2.0	0
7	Intranasally administered IGF-1 inhibits spreading depression in vivo. <i>Brain Research</i> , 2017, 1677, 47-57.	1.1	16
8	Neuroimaging of vagal nerve stimulation: are we missing a trick?. <i>Pain</i> , 2017, 158, 2053-2053.	2.0	3
9	Glutamate receptor antagonists with the potential for migraine treatment. <i>Expert Opinion on Investigational Drugs</i> , 2017, 26, 1321-1330.	1.9	10
10	Assessment of gray and white matter structural alterations in migraineurs without aura. <i>Journal of Headache and Pain</i> , 2017, 18, 74.	2.5	59
11	Distribution of CGRP and its receptor components CLR and RAMP1 in the rat retina. <i>Experimental Eye Research</i> , 2017, 161, 124-131.	1.2	29
12	The Posterior Insula Shows Disrupted Brain Functional Connectivity in Female Migraineurs Without Aura Based on Brainnetome Atlas. <i>Scientific Reports</i> , 2017, 7, 16868.	1.6	30
13	Fremanezumab for the Preventive Treatment of Chronic Migraine. <i>New England Journal of Medicine</i> , 2017, 377, 2113-2122.	13.9	573
14	Premonitory Symptoms of Migraine in Childhood and Adolescence. <i>Current Pain and Headache Reports</i> , 2017, 21, 34.	1.3	19
15	Propranolol treatment prevents chronic central sensitization induced by repeated dural stimulation. <i>Pain</i> , 2017, 158, 2025-2034.	2.0	29
16	Anti-CGRP Monoclonal Antibodies: the Next Era of Migraine Prevention?. <i>Current Treatment Options in Neurology</i> , 2017, 19, 27.	0.7	119
17	Differential inhibitory response to telcagepant on $\hat{\pm}$ CGRP induced vasorelaxation and intracellular Ca <sup>2+</sup> levels in the perfused and non-perfused isolated rat middle cerebral artery. <i>Journal of Headache and Pain</i> , 2017, 18, 61.	2.5	15
18	Interactions between the Kynurenine and the Endocannabinoid System with Special Emphasis on Migraine. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1617.	1.8	19

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19	Estrogen-Dependent Changes in Dura Mater Microvasculature Add New Insights to the Pathogenesis of Headache. <i>Frontiers in Neurology</i> , 2017, 8, 549.	1.1	7
20	Daith Piercing in a Case of Chronic Migraine: A Possible Vagal Modulation. <i>Frontiers in Neurology</i> , 2017, 8, 624.	1.1	10
21	The Molecular Fingerprint of Dorsal Root and Trigeminal Ganglion Neurons. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 304.	1.4	108
22	Migraine, Neurogenic Inflammation, Drug Development - Pharmacochemical Aspects. <i>Current Medicinal Chemistry</i> , 2017, 24, 3649-3665.	1.2	42
23	Glutamate and Its Receptors as Therapeutic Targets for Migraine. <i>Neurotherapeutics</i> , 2018, 15, 361-370.	2.1	93
24	Migraine. <i>Lancet, The</i> , 2018, 391, 1315-1330.	6.3	327
25	Flunarizine in migraine-related headache prevention: results from 200 patients treated in the UK. <i>European Journal of Neurology</i> , 2018, 25, 811-817.	1.7	31
26	Targeted Nitric Oxide Synthase Inhibitors for Migraine. <i>Neurotherapeutics</i> , 2018, 15, 391-401.	2.1	83
27	Targeted 5-HT1F Therapies for Migraine. <i>Neurotherapeutics</i> , 2018, 15, 291-303.	2.1	77
28	Current Prophylactic Medications for Migraine and Their Potential Mechanisms of Action. <i>Neurotherapeutics</i> , 2018, 15, 313-323.	2.1	73
29	CGRP as the target of new migraine therapies – successful translation from bench to clinic. <i>Nature Reviews Neurology</i> , 2018, 14, 338-350.	4.9	617
30	A Phase-by-Phase Review of Migraine Pathophysiology. <i>Headache</i> , 2018, 58, 4-16.	1.8	272
31	The CGRP Pathway in Migraine as a Viable Target for Therapies. <i>Headache</i> , 2018, 58, 33-47.	1.8	68
32	Migraine Therapy: Current Approaches and New Horizons. <i>Neurotherapeutics</i> , 2018, 15, 271-273.	2.1	12
33	Vascular and molecular pharmacology of the metabolically stable CGRP analogue, SAX. <i>European Journal of Pharmacology</i> , 2018, 829, 85-92.	1.7	15
34	The Biology of Monoclonal Antibodies: Focus on Calcitonin Gene-Related Peptide for Prophylactic Migraine Therapy. <i>Neurotherapeutics</i> , 2018, 15, 324-335.	2.1	57
35	The Evidence for the Role of Nutraceuticals in the Management of Pediatric Migraine: a Review. <i>Current Pain and Headache Reports</i> , 2018, 22, 37.	1.3	33
36	Chronic migraine: A process of dysmodulation and sensitization. <i>Molecular Pain</i> , 2018, 14, 174480691876769.	1.0	75

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37	Abdominal migraine. <i>BMJ: British Medical Journal</i> , 2018, 360, k179.	2.4	20
38	Recent Advances in Pharmacotherapy for Migraine Prevention: From Pathophysiology to New Drugs. <i>Drugs</i> , 2018, 78, 411-437.	4.9	54
39	Is selective 5-HT <sub>1F</sub> receptor agonism an entity apart from that of the triptans in antimigraine therapy?. , 2018, 186, 88-97.		85
40	Central and peripheral processes in headache. <i>Current Opinion in Supportive and Palliative Care</i> , 2018, 12, 142-147.	0.5	3
41	Calcitonin-gene-related peptide pathway mAbs and migraine prevention. <i>Current Opinion in Neurology</i> , 2018, 31, 274-280.	1.8	24
42	Targeted Orexin and Hypothalamic Neuropeptides for Migraine. <i>Neurotherapeutics</i> , 2018, 15, 377-390.	2.1	43
43	Clinical spectrum of hemiplegic migraine and chances of finding a pathogenic mutation. <i>Neurology</i> , 2018, 90, e575-e582.	1.5	59
44	Wider range of allodynia in a rat model of repeated dural nociception compared with infraorbital nerve chronic constriction injury. <i>Neuroscience Letters</i> , 2018, 666, 120-126.	1.0	8
45	Inhibition of toll-like receptor 4 alleviates hyperalgesia induced by acute dural inflammation in experimental migraine. <i>Molecular Pain</i> , 2018, 14, 174480691875461.	1.0	43
46	Seizure Activity. , 2018, , 59-84.		0
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48	Inhibitory G <sub>i/o</sub> -coupled receptors in somatosensory neurons: Potential therapeutic targets for novel analgesics. <i>Molecular Pain</i> , 2018, 14, 174480691876364.	1.0	34
49	PACAP and migraine headache: immunomodulation of neural circuits in autonomic ganglia and brain parenchyma. <i>Journal of Headache and Pain</i> , 2018, 19, 23.	2.5	46
50	Targeted CGRP Small Molecule Antagonists for Acute Migraine Therapy. <i>Neurotherapeutics</i> , 2018, 15, 304-312.	2.1	76
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52	Alterations in post-movement beta event related synchronization throughout the migraine cycle: A controlled, longitudinal study. <i>Cephalalgia</i> , 2018, 38, 718-729.	1.8	8
53	Initiation of spreading depression by synaptic and network hyperactivity: Insights into trigger mechanisms of migraine aura. <i>Cephalalgia</i> , 2018, 38, 1177-1187.	1.8	30
54	Anti-migraine effect of $\Delta^9$ -tetrahydrocannabinol in the female rat. <i>European Journal of Pharmacology</i> , 2018, 818, 271-277.	1.7	34

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55	Botulinum Toxin A for the Treatment of Photophobia and Dry Eye. <i>Ophthalmology</i> , 2018, 125, 139-140.	2.5	28
56	Cluster headache and the trigeminal-autonomic reflex: Driving or being driven?. <i>Cephalalgia</i> , 2018, 38, 1415-1417.	1.8	16
57	Soluble guanylyl cyclase is a critical regulator of migraine-associated pain. <i>Cephalalgia</i> , 2018, 38, 1471-1484.	1.8	44
58	Redox Mechanisms in Migraine: Novel Therapeutics and Dietary Interventions. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 1144-1183.	2.5	27
59	Comparative effects of traditional Chinese and Western migraine medicines in an animal model of nociceptive trigeminovascular activation. <i>Cephalalgia</i> , 2018, 38, 1215-1224.	1.8	19
60	Diagnosis, pathophysiology, and management of cluster headache. <i>Lancet Neurology</i> , The, 2018, 17, 75-83.	4.9	209
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63	Dysautonomia in the pathogenesis of migraine. <i>Expert Review of Neurotherapeutics</i> , 2018, 18, 153-165.	1.4	33
64	Headache advances in 2017: a new horizon in migraine therapy. <i>Lancet Neurology</i> , The, 2018, 17, 5-6.	4.9	6
65	Neurophysiological aspects of the trigeminal sensory system: an update. <i>Reviews in the Neurosciences</i> , 2018, 29, 115-123.	1.4	14
66	Evidence of Diplopia in Children's Headache Drawings Helps to Differentiate Pseudotumor Cerebri From Migraine. <i>Pediatric Neurology</i> , 2018, 79, 40-44.	1.0	9
67	Diagnosis and treatment of migraine in the patient with depression. <i>Journal of the American Association of Nurse Practitioners</i> , 2018, 30, 630-637.	0.5	6
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70	The Role of Dopamine in Primary Headaches. <i>Neurochemical Journal</i> , 2018, 12, 324-336.	0.2	3
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73	Increased Sleep Disturbances and Pain in Veterans With Comorbid Traumatic Brain Injury and Posttraumatic Stress Disorder. <i>Journal of Clinical Sleep Medicine</i> , 2018, 14, 1865-1878.	1.4	48
74	In Situ Hybridisation Study of Neuronal Neuropeptides Expression in Models of Mandibular Denervation with or without Inflammation: Injury Dependant Neuropeptide Plasticity. <i>Journal of Cytology &amp; Histology</i> , 2018, 09, .	0.1	2
75	Biological insights from the premonitory symptoms of migraine. <i>Nature Reviews Neurology</i> , 2018, 14, 699-710.	4.9	115
76	Visual Snow: Visual Misperception. <i>Journal of Neuro-Ophthalmology</i> , 2018, 38, 514-521.	0.4	39
77	Peripherally administered calcitonin gene-related peptide induces spontaneous pain in mice: implications for migraine. <i>Pain</i> , 2018, 159, 2306-2317.	2.0	66
79	The Effects of Chronic Stress on Migraine Relevant Phenotypes in Male Mice. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 294.	1.8	27
80	An Integrative Model Accounting for the Symptom Cluster Triggered After an Acoustic Shock. <i>Trends in Hearing</i> , 2018, 22, 233121651880172.	0.7	18
81	Migraine and cluster headache – the common link. <i>Journal of Headache and Pain</i> , 2018, 19, 89.	2.5	44
82	Recommendations on the Use of Anti-CGRP Monoclonal Antibodies in Children and Adolescents. <i>Headache</i> , 2018, 58, 1658-1669.	1.8	65
83	Symptoms of premenstrual syndrome in female migraineurs with and without menstrual migraine. <i>Journal of Headache and Pain</i> , 2018, 19, 97.	2.5	18
84	Modulation of tetrodotoxin-resistant Na <sup>+</sup> channels by amitriptyline in dural afferent neurons. <i>European Journal of Pharmacology</i> , 2018, 838, 69-77.	1.7	4
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87	Effect of Fremanezumab Compared With Placebo for Prevention of Episodic Migraine. <i>JAMA - Journal of the American Medical Association</i> , 2018, 319, 1999.	3.8	379
88	Phenotypic features of central sensitization. <i>Journal of Applied Biobehavioral Research</i> , 2018, 23, e12135.	2.0	82
89	Recent advances in headache neuroimaging. <i>Current Opinion in Neurology</i> , 2018, 31, 379-385.	1.8	44
90	Effects of systemic inhibitors of acid-sensing ion channels 1 (ASIC1) against acute and chronic mechanical allodynia in a rodent model of migraine. <i>British Journal of Pharmacology</i> , 2018, 175, 4154-4166.	2.7	41
91	The greater occipital nerve and its spinal and brainstem afferent projections: A stereological and tract-tracing study in the rat. <i>Journal of Comparative Neurology</i> , 2018, 526, 3000-3019.	0.9	10

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92	Paediatric migraine: evidence-based management and future directions. <i>Nature Reviews Neurology</i> , 2018, 14, 515-527.	4.9	36
93	Qualitative Change in Migraine Prevention?. <i>Headache</i> , 2018, 58, 1092-1095.	1.8	7
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98	Efficacy of Nimodipine Plus Yufeng Ningxin Tablets for Patients with Frequent Migraine. <i>Pharmacology</i> , 2018, 102, 53-57.	0.9	2
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104	Fremanezumab blocks CGRP induced dilatation in human cerebral, middle meningeal and abdominal arteries. <i>Journal of Headache and Pain</i> , 2018, 19, 66.	2.5	30
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110	Non-invasive dural stimulation in mice: A novel preclinical model of migraine. <i>Cephalalgia</i> , 2019, 39, 123-134.	1.8	61
111	Brain structure and function related to headache: Brainstem structure and function in headache. <i>Cephalalgia</i> , 2019, 39, 1635-1660.	1.8	26
112	Emerging relevance of circadian rhythms in headaches and neuropathic pain. <i>Acta Physiologica</i> , 2019, 225, e13161.	1.8	51
113	Rationale for electrical parameter determination in external trigeminal nerve stimulation (eTNS) for migraine: A narrative review. <i>Cephalalgia</i> , 2019, 39, 750-760.	1.8	19
114	Extensor/flexor ratio of neck muscle strength and electromyographic activity of individuals with migraine: a cross-sectional study. <i>European Spine Journal</i> , 2019, 28, 2311-2318.	1.0	19
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122	Endogenous Na <sup>+</sup> , K <sup>+</sup> -ATPase inhibitors and CSF [Na <sup>+</sup> ] contribute to migraine formation. <i>PLoS ONE</i> , 2019, 14, e0218041.	1.1	13
123	Exposure to Blast Overpressure Impairs Cerebral Microvascular Responses and Alters Vascular and Astrocytic Structure. <i>Journal of Neurotrauma</i> , 2019, 36, 3138-3157.	1.7	18
124	The Association Between Parental Migraine and Infant Colic: A Cross-sectional, Web-based, U.S. Survey Study. <i>Headache</i> , 2019, 59, 988-1001.	1.8	14
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127	Fluctuations of sensorimotor processing in migraine: a controlled longitudinal study of beta event related desynchronization. <i>Journal of Headache and Pain</i> , 2019, 20, 77.	2.5	15
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129	Targeting CGRP via receptor antagonism and antibody neutralisation in two distinct rodent models of migraine-like pain. <i>Cephalalgia</i> , 2019, 39, 1827-1837.	1.8	41
130	Genetic mouse models of migraine. <i>Journal of Headache and Pain</i> , 2019, 20, 79.	2.5	31
131	Efficacy, safety, and tolerability of rimegepant orally disintegrating tablet for the acute treatment of migraine: a randomised, phase 3, double-blind, placebo-controlled trial. <i>Lancet, The</i> , 2019, 394, 737-745.	6.3	236
132	Rimegepant, an Oral Calcitonin Gene-Related Peptide Receptor Antagonist, for Migraine. <i>New England Journal of Medicine</i> , 2019, 381, 142-149.	13.9	235
133	Effects of Anti- Calcitonin Gene-Related Peptide for Migraines: A Systematic Review with Meta-Analysis of Randomized Clinical Trials. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3527.	1.8	28
134	Alterations in Regional Homogeneity Assessed by fMRI in Patients with Migraine Without Aura. <i>Journal of Medical Systems</i> , 2019, 43, 298.	2.2	23
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144	Current Evidence on Potential Uses of MicroRNA Biomarkers for Migraine: From Diagnosis to Treatment. <i>Molecular Diagnosis and Therapy</i> , 2019, 23, 681-694.	1.6	28
145	Sensory processing of women diagnosed with genito-pelvic pain/penetration disorder: a research proposal. <i>BMC Research Notes</i> , 2019, 12, 577.	0.6	0
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148	Trigeminalâ€Targeted Treatments in Migraine: Is 60% the Magic Number?. Headache, 2019, 59, 1659-1661.	1.8	10
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157	The Presence of Calcitonin Gene-Related Peptide and Its Receptors in Rat, Pig and Human Brain: Species Differences in Calcitonin Gene-Related Peptide Pharmacology. Pharmacology, 2019, 104, 332-341.	0.9	11
158	Erenumab During Breastfeeding. Breastfeeding Medicine, 2019, 14, 513-514.	0.8	3
159	Current and emerging evidence-based treatment options in chronic migraine: a narrative review. Journal of Headache and Pain, 2019, 20, 92.	2.5	116
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164	Safety and tolerability of ubrogepant following intermittent, high-frequency dosing: Randomized, placebo-controlled trial in healthy adults. Cephalalgia, 2019, 39, 1753-1761.	1.8	39
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172	KAMST – Simple method for patients with migraine screening. <i>Medical Hypotheses</i> , 2019, 128, 21-24.	0.8	2
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174	Advances in genetics of migraine. <i>Journal of Headache and Pain</i> , 2019, 20, 72.	2.5	136
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179	Fremanezumab for the preventive treatment of migraine. <i>Expert Opinion on Biological Therapy</i> , 2019, 19, 763-771.	1.4	12
180	Patient selection for migraine preventive treatment with anti-CGRP(r) monoclonal antibodies. <i>Expert Review of Neurotherapeutics</i> , 2019, 19, 769-776.	1.4	22
181	Sensory Processing Difficulties Correlate With Disease Severity and Quality of Life Among Children With Migraine. <i>Frontiers in Neurology</i> , 2019, 10, 448.	1.1	9
182	Effect of Electroacupuncture on Hyperalgesia and Vasoactive Neurotransmitters in a Rat Model of Conscious Recurrent Migraine. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-14.	0.5	9
183	Reduced Short-Latency Afferent Inhibition Indicates Impaired Sensorimotor Integrity During Migraine Attacks. <i>Headache</i> , 2019, 59, 906-914.	1.8	14
184	Hypoechogenicity of brainstem raphe correlates with depression in migraine patients. <i>Journal of Headache and Pain</i> , 2019, 20, 53.	2.5	16
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210	New Trends in Migraine Pharmacology: Targeting Calcitonin Gene-Related Peptide (CGRP) With Monoclonal Antibodies. <i>Frontiers in Pharmacology</i> , 2019, 10, 363.	1.6	59
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