

# Katharina Eikermann-Haerter

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

2,103  
citations

279798

23  
h-index

361022

35  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2279  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microemboli may link spreading depression, migraine aura, and patent foramen ovale. <i>Annals of Neurology</i> , 2010, 67, 221-229.	5.3	267
2	Genetic and hormonal factors modulate spreading depression and transient hemiparesis in mouse models of familial hemiplegic migraine type 1. <i>Journal of Clinical Investigation</i> , 2009, 119, 99-109.	8.2	215
3	Large arteriolar component of oxygen delivery implies a safe margin of oxygen supply to cerebral tissue. <i>Nature Communications</i> , 2014, 5, 5734.	12.8	165
4	Supply-Demand Mismatch Transients in Susceptible Peri-infarct Hot Zones Explain the Origins of Spreading Injury Depolarizations. <i>Neuron</i> , 2015, 85, 1117-1131.	8.1	154
5	Migraine Mutations Increase Stroke Vulnerability by Facilitating Ischemic Depolarizations. <i>Circulation</i> , 2012, 125, 335-345.	1.6	148
6	Enhanced Subcortical Spreading Depression in Familial Hemiplegic Migraine Type 1 Mutant Mice. <i>Journal of Neuroscience</i> , 2011, 31, 5755-5763.	3.6	119
7	Androgenic suppression of spreading depression in familial hemiplegic migraine type 1 mutant mice. <i>Annals of Neurology</i> , 2009, 66, 564-568.	5.3	99
8	Inhibition of the P2X7/PANX1 complex suppresses spreading depolarization and neuroinflammation. <i>Brain</i> , 2017, 140, 1643-1656.	7.6	99
9	Cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy syndrome mutations increase susceptibility to spreading depression. <i>Annals of Neurology</i> , 2011, 69, 413-418.	5.3	96
10	Cortical Spreading Depression and Migraine. <i>Current Neurology and Neuroscience Reports</i> , 2010, 10, 167-173.	4.2	87
11	Current understanding of cortical structure and function in migraine. <i>Cephalalgia</i> , 2019, 39, 1683-1699.	3.9	58
12	Migraine and risk of perioperative ischemic stroke and hospital readmission: hospital based registry study. <i>BMJ: British Medical Journal</i> , 2017, 356, i6635.	2.3	48
13	Structural and Functional Brain Changes in Migraine. <i>Pain and Therapy</i> , 2021, 10, 211-223.	3.2	48
14	Spreading Depolarization May Link Migraine and Stroke. <i>Headache</i> , 2014, 54, 1146-1157.	3.9	46
15	Animal models of migraine headache and aura. <i>Current Opinion in Neurology</i> , 2008, 21, 294-300.	3.6	41
16	Abnormal synaptic Ca <sup>2+</sup> homeostasis and morphology in cortical neurons of familial hemiplegic migraine type 1 mutant mice. <i>Annals of Neurology</i> , 2015, 78, 193-210.	5.3	39
17	Migraine Prophylaxis, Ischemic Depolarizations, and Stroke Outcomes in Mice. <i>Stroke</i> , 2015, 46, 229-236.	2.0	38
18	Sex and Gender Differences in Migraine—Evaluating Knowledge Gaps. <i>Journal of Women's Health</i> , 2018, 27, 965-973.	3.3	38

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19	Cortical Spreading Depression and Estrogen. <i>Headache</i> , 2007, 47, S79-85.	3.9	36
20	Sensitivity to acute cerebral ischemic injury in migraineurs. <i>Neurology</i> , 2015, 85, 1945-1949.	1.1	34
21	Migraine Mutations Impair Hippocampal Learning Despite Enhanced Long-Term Potentiation. <i>Journal of Neuroscience</i> , 2015, 35, 3397-3402.	3.6	34
22	Micro-Heterogeneity of Flow in a Mouse Model of Chronic Cerebral Hypoperfusion Revealed by Longitudinal Doppler Optical Coherence Tomography and Angiography. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1552-1560.	4.3	28
23	Stress hormone corticosterone enhances susceptibility to cortical spreading depression in familial hemiplegic migraine type 1 mutant mice. <i>Experimental Neurology</i> , 2015, 263, 214-220.	4.1	27
24	Aura and Stroke: relationship and what we have learnt from preclinical models. <i>Journal of Headache and Pain</i> , 2019, 20, 63.	6.0	24
25	Animal models of monogenic migraine. <i>Cephalalgia</i> , 2016, 36, 704-721.	3.9	23
26	White Matter Lesions in Migraine. <i>American Journal of Pathology</i> , 2021, 191, 1955-1962.	3.8	23
27	Acute sleep deprivation enhances susceptibility to the migraine substrate cortical spreading depolarization. <i>Journal of Headache and Pain</i> , 2020, 21, 86.	6.0	18
28	Brain MR Spectroscopic Findings in 3 Consecutive Patients with COVID-19: Preliminary Observations. <i>American Journal of Neuroradiology</i> , 2021, 42, 37-41.	2.4	15
29	Relief Following Chronic Stress Augments Spreading Depolarization Susceptibility in Familial Hemiplegic Migraine Mice. <i>Neuroscience</i> , 2019, 415, 1-9.	2.3	12
30	Caffeine does not affect susceptibility to cortical spreading depolarization in mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 740-750.	4.3	10
31	How Imaging Can Help Us Better Understand the Migraine-Stroke Connection. <i>Headache</i> , 2020, 60, 217-228.	3.9	6
32	Hereditary multiple exostoses as a novel cause of bilateral popliteal artery aneurysms in the elderly. <i>Cardiovascular Pathology</i> , 2017, 31, 20-25.	1.6	3
33	Neuronal plumes initiate spreading depolarization, the electrophysiologic event driving migraine and stroke. <i>Neuron</i> , 2021, 109, 563-565.	8.1	3
34	No Gastrointestinal Dysmotility in Transgenic Mouse Models of Migraine. <i>Headache</i> , 2020, 60, 396-404.	3.9	1
35	Cutaneous Findings of Sporadic, Adult-Onset Neuronal Intranuclear Inclusion Disease. <i>American Journal of Dermatopathology</i> , 2022, 44, 1-6.	0.6	1
36	Migraine, Chronic Vasculopathies, and Spreading Depolarization. <i>Headache</i> , 2016, 56, 580-583.	3.9	0