Katharina Eikermann-Haerter

List of Publications by Year
in descending order

36 papers	2,103 citations	279487 23 h-index	360668 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. Annals of Neurology, 2010, 67, 221-229.	2.8	267
2	Genetic and hormonal factors modulate spreading depression and transient hemiparesis in mouse models of familial hemiplegic migraine type 1. Journal of Clinical Investigation, 2009, 119, 99-109.	3.9	215
3	Large arteriolar component of oxygen delivery implies a safe margin of oxygen supply to cerebral tissue. Nature Communications, 2014, 5, 5734.	5.8	165
4	Supply-Demand Mismatch Transients in Susceptible Peri-infarct Hot Zones Explain the Origins of Spreading Injury Depolarizations. Neuron, 2015, 85, 1117-1131.	3.8	154
5	Migraine Mutations Increase Stroke Vulnerability by Facilitating Ischemic Depolarizations. Circulation, 2012, 125, 335-345.	1.6	148
6	Enhanced Subcortical Spreading Depression in Familial Hemiplegic Migraine Type 1 Mutant Mice. Journal of Neuroscience, 2011, 31, 5755-5763.	1.7	119
7	Androgenic suppression of spreading depression in familial hemiplegic migraine type 1 mutant mice. Annals of Neurology, 2009, 66, 564-568.	2.8	99
8	Inhibition of the P2X7â€“PANX1 complex suppresses spreading depolarization and neuroinflammation. Brain, 2017, 140, 1643-1656.	3.7	99
9	Cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy syndrome mutations increase susceptibility to spreading depression. Annals of Neurology, 2011, 69, 413-418.	2.8	96
10	Cortical Spreading Depression and Migraine. Current Neurology and Neuroscience Reports, 2010, 10, 167-173.	2.0	87
11	Current understanding of cortical structure and function in migraine. Cephalalgia, 2019, 39, 1683-1699.	1.8	58
12	Migraine and risk of perioperative ischemic stroke and hospital readmission: hospital based registry study. BMJ: British Medical Journal, 2017, 356, i6635.	2.4	48
13	Structural and Functional Brain Changes in Migraine. Pain and Therapy, 2021, 10, 211-223.	1.5	48
14	Spreading Depolarization May Link Migraine and Stroke. Headache, 2014, 54, 1146-1157.	1.8	46
15	Animal models of migraine headache and aura. Current Opinion in Neurology, 2008, 21, 294-300.	1.8	41
16	Abnormal synaptic <scp>C</scp>a²⁺ homeostasis and morphology in cortical neurons of familial hemiplegic migraine type 1 mutant mice. Annals of Neurology, 2015, 78, 193-210.	2.8	39
17	Migraine Prophylaxis, Ischemic Depolarizations, and Stroke Outcomes in Mice. Stroke, 2015, 46, 229-236.	1.0	38
18	Sex and Gender Differences in Migraineâ€”Evaluating Knowledge Gaps. Journal of Women's Health, 2018, 27, 965-973.	1.5	38

#	ARTICLE	IF	CITATIONS
19	Cortical Spreading Depression and Estrogen. Headache, 2007, 47, S79-85.	1.8	36
20	Sensitivity to acute cerebral ischemic injury in migraineurs. Neurology, 2015, 85, 1945-1949.	1.5	34
21	Migraine Mutations Impair Hippocampal Learning Despite Enhanced Long-Term Potentiation. Journal of Neuroscience, 2015, 35, 3397-3402.	1.7	34
22	Micro-Heterogeneity of Flow in a Mouse Model of Chronic Cerebral Hypoperfusion Revealed by Longitudinal Doppler Optical Coherence Tomography and Angiography. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 1552-1560.	2.4	28
23	Stress hormone corticosterone enhances susceptibility to cortical spreading depression in familial hemiplegic migraine type 1 mutant mice. Experimental Neurology, 2015, 263, 214-220.	2.0	27
24	Aura and Stroke: relationship and what we have learnt from preclinical models. Journal of Headache and Pain, 2019, 20, 63.	2.5	24
25	Animal models of monogenic migraine. Cephalalgia, 2016, 36, 704-721.	1.8	23
26	White Matter Lesions in Migraine. American Journal of Pathology, 2021, 191, 1955-1962.	1.9	23
27	Acute sleep deprivation enhances susceptibility to the migraine substrate cortical spreading depolarization. Journal of Headache and Pain, 2020, 21, 86.	2.5	18
28	Brain MR Spectroscopic Findings in 3 Consecutive Patients with COVID-19: Preliminary Observations. American Journal of Neuroradiology, 2021, 42, 37-41.	1.2	15
29	Relief Following Chronic Stress Augments Spreading Depolarization Susceptibility in Familial Hemiplegic Migraine Mice. Neuroscience, 2019, 415, 1-9.	1.1	12
30	Caffeine does not affect susceptibility to cortical spreading depolarization in mice. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 740-750.	2.4	10
31	How Imaging Can Help Us Better Understand the Migraineâ€Stroke Connection. Headache, 2020, 60, 217-228.	1.8	6
32	Hereditary multiple exostoses as a novel cause of bilateral popliteal artery aneurysms in the elderly. Cardiovascular Pathology, 2017, 31, 20-25.	0.7	3
33	Neuronal plumes initiate spreading depolarization, the electrophysiologic event driving migraine and stroke. Neuron, 2021, 109, 563-565.	3.8	3
34	No Gastrointestinal Dysmotility in Transgenic Mouse Models of Migraine. Headache, 2020, 60, 396-404.	1.8	1
35	Cutaneous Findings of Sporadic, Adult-Onset Neuronal Intranuclear Inclusion Disease. American Journal of Dermatopathology, 2022, 44, 1-6.	0.3	1
36	Migraine, Chronic Vasculopathies, and Spreading Depolarization. Headache, 2016, 56, 580-583.	1.8	0