Geza Berecki

List of Publications by Year
in descending order

14 papers	473 citations	1040056 9 h-index	1125743 13 g-index
14 all docs	14 docs citations	14 times ranked	765 citing authors

#	Article	IF	Citations
1	HERG Channel (Dys)function Revealed by Dynamic Action Potential Clamp Technique. Biophysical Journal, 2005, 88, 566-578.	0.5	90
2	SCN1A gain of function in early infantile encephalopathy. Annals of Neurology, 2019, 85, 514-525.	5.3	76
3	Dynamic action potential clamp predicts functional separation in mild familial and severe de novo forms of SCN2A epilepsy. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5516-E5525.	7.1	69
4	Re-Evaluation of the Action Potential Upstroke Velocity as a Measure of the Na+ Current in Cardiac Myocytes at Physiological Conditions. PLoS ONE, 2010, 5, e15772.	2.5	60
5	Long-QT syndrome-related sodium channel mutations probed by the dynamic action potential clamp technique. Journal of Physiology, 2006, 570, 237-250.	2.9	43
6	Progressive myoclonus epilepsiesâ€"Residual unsolved cases have marked genetic heterogeneity including dolichol-dependent protein glycosylation pathway genes. American Journal of Human Genetics, 2021, 108, 722-738.	6.2	41
7	Dietary fish oil reduces the incidence of triggered arrhythmias in pig ventricular myocytes. Heart Rhythm, 2007, 4, 1452-1460.	0.7	34
8	Biophysical analysis of an HCN1 epilepsy variant suggests a critical role for S5 helix Met-305 in voltage sensor to pore domain coupling. Progress in Biophysics and Molecular Biology, 2021, 166, 156-172.	2.9	16
9	Functional correlates of clinical phenotype and severity in recurrent SCN2A variants. Communications Biology, 2022, 5, .	4.4	13
10	The zebrafishgrimemutant uncovers an evolutionarily conserved role for Tmem161b in the control of cardiac rhythm. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	12
11	Novel Missense CACNA1G Mutations Associated with Infantile-Onset Developmental and Epileptic Encephalopathy. International Journal of Molecular Sciences, 2020, 21, 6333.	4.1	7
12	Cardiac Channelopathies Studied With the Dynamic Action Potential-Clamp Technique. Methods in Molecular Biology, 2007, 403, 233-250.	0.9	6
13	Sodium channel expression and transcript variation in the developing brain of human, Rhesus monkey, and mouse. Neurobiology of Disease, 2022, 164, 105622.	4.4	6
14	Cardiac channelopathies studied with the dynamic action potential clamp technique. , 2006, , 28-29.		0