Sonia M Hasan

List of Publications by Year
in descending order

13	227	1162367 8	1125271 13
papers	citations	h-index	g-index

13	13	13	483
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Gain-of-function defects of astrocytic Kir4.1 channels in children with autism spectrum disorders and epilepsy. Scientific Reports, 2016, 6, 34325.	1.6	56
2	New insights into the pathogenesis and therapeutics of episodic ataxia type 1. Frontiers in Cellular Neuroscience, 2015, 9, 317.	1.8	54
3	KCNA4deficiency leads to a syndrome of abnormal striatum, congenital cataract and intellectual disability. Journal of Medical Genetics, 2016, 53, 786-792.	1.5	24
4	Lethal digenic mutations in the K⁺ channels Kir4.1 (KCNJ10) and SLACK (KCNT1) associated with severe-disabling seizures and neurodevelopmental delay. Journal of Neurophysiology, 2017, 118, 2402-2411.	0.9	17
5	A Calsequestrin-1 Mutation Associated with a Skeletal Muscle Disease Alters Sarcoplasmic Ca2+ Release. PLoS ONE, 2016, 11, e0155516.	1.1	15
6	A channelopathy mutation in the voltage-sensor discloses contributions of a conserved phenylalanine to gating properties of Kv1.1 channels and ataxia. Scientific Reports, 2017, 7, 4583.	1.6	15
7	Oxidative Stress Alters Physiological and Morphological Neuronal Properties. Neurochemical Research, 2007, 32, 1169-1178.	1.6	10
8	Altered functional properties of a missense variant in the TRESK K+ channel (KCNK18) associated with migraine and intellectual disability. Pflugers Archiv European Journal of Physiology, 2020, 472, 923-930.	1.3	9
9	Identification of a New de Novo Mutation Underlying Regressive Episodic Ataxia Type I. Frontiers in Neurology, 2018, 9, 587.	1.1	8
10	Hydrogen peroxide-induced reduction of delayed rectifier potassium current in hippocampal neurons involves oxidation of sulfhydryl groups. Brain Research, 2013, 1520, 61-69.	1.1	7
11	Kcnj16 (Kir5.1) Gene Ablation Causes Subfertility and Increases the Prevalence of Morphologically Abnormal Spermatozoa. International Journal of Molecular Sciences, 2021, 22, 5972.	1.8	5
12	Commentary: A channelopathy mutation in the voltage-sensor discloses contributions of a conserved phenylalanine to gating properties of Kv1.1 channels and ataxia. Frontiers in Cellular Neuroscience, 2018, 12, 174.	1.8	4
13	Electromechanical coupling of the Kv1.1 voltage-gated K+ channel is fine-tuned by the simplest amino acid residue in the S4-S5 linker. Pflugers Archiv European Journal of Physiology, 2020, 472, 899-909.	1.3	3