Sonia M Hasan

List of Publications by Year in Descending Order

13 papers	159 citations	7 h-index	12 g-index
13 ext. papers	199 ext. citations	4.7 avg, IF	2.1 L-index

#	Paper	IF	Citations
13	(Kir5.1) Gene Ablation Causes Subfertility and Increases the Prevalence of Morphologically Abnormal Spermatozoa. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	2
12	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	4.6	4
11	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	4.6	2
10	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	6.1	3
9	Identification of a New Mutation Underlying Regressive Episodic Ataxia Type I. *Frontiers in Neurology*, **2018**, 9, 587	4.1	6
8	Lethal digenic mutations in the K channels Kir4.1 () and SLACK () associated with severe-disabling seizures and neurodevelopmental delay. *Journal of Neurophysiology*, **2017**, 118, 2402-2411	3.2	12
7	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	4.9	7
6	Gain-of-function defects of astrocytic Kir4.1 channels in children with autism spectrum disorders and epilepsy. *Scientific Reports*, **2016**, 6, 34325	4.9	43
5	A Calsequestrin-1 Mutation Associated with a Skeletal Muscle Disease Alters Sarcoplasmic Ca2+ Release. *PLoS ONE*, **2016**, 11, e0155516	3.7	12
4	deficiency leads to a syndrome of abnormal striatum, congenital cataract and intellectual disability. *Journal of Medical Genetics*, **2016**, 53, 786-792	5.8	14
3	New insights into the pathogenesis and therapeutics of episodic ataxia type 1. *Frontiers in Cellular Neuroscience*, **2015**, 9, 317	6.1	40
2	Hydrogen peroxide-induced reduction of delayed rectifier potassium current in hippocampal neurons involves oxidation of sulfhydryl groups. *Brain Research*, **2013**, 1520, 61-9	3.7	7
1	Oxidative stress alters physiological and morphological neuronal properties. *Neurochemical Research*, **2007**, 32, 1169-78	4.6	7