Mohammad-Reza Ghovanloo

List of Publications by Year
in descending order

22 papers	457 citations	933447 10 h-index	996975 15 g-index
28 all docs	28 docs citations	28 times ranked	429 citing authors

#	Article	IF	Citations
1	Cannabidiol and Sodium Channel Pharmacology: General Overview, Mechanism, and Clinical Implications. Neuroscientist, 2022, 28, 318-334.	3.5	23
2	Cannabigerol inhibits sodium conductance to reduce neuronal dorsal root ganglion excitability. Biophysical Journal, 2022, 121, 93a.	0.5	0
3	Inhibition of sodium conductance by cannabigerol contributes to a reduction of dorsal root ganglion neuron excitability. British Journal of Pharmacology, 2022, 179, 4010-4030.	5.4	16
4	Late sodium current: incomplete inactivation triggers seizures, myotonias, arrhythmias, and pain syndromes. Journal of Physiology, 2022, 600, 2835-2851.	2.9	14
5	Cannabidiol inhibits the skeletal muscle Nav1.4 by blocking its pore and by altering membrane elasticity. Journal of General Physiology, 2021, 153, .	1.9	38
6	B-PO05-022 CLINICAL AND FUNCTIONAL CHARACTERIZATION OF SCN5A VARIANTS LINKED TO ADRENERGIC VENTRICULAR ARRHYTHMIA: A MULTICENTER STUDY. Heart Rhythm, 2021, 18, S380.	0.7	1
7	Protective Effect of Cannabidiol Against Oxidative Stress and Cytotoxicity Evoked by High Glucose in Cardiac Voltage-Gated Sodium Channels. Biophysical Journal, 2020, 118, 578a.	0.5	1
8	Biophysical Characterization of a Novel SCN5A Mutation Associated With an Atypical Phenotype of Atrial and Ventricular Arrhythmias and Sudden Death. Frontiers in Physiology, 2020, 11, 610436.	2.8	12
9	Mechanism of Sodium Channel Inhibition by Cannabidiol. Biophysical Journal, 2020, 118, 499a.	0.5	0
10	Say Cheese: Structure of the Cardiac Electrical Engine Is Captured. Trends in Biochemical Sciences, 2020, 45, 369-371.	7.5	13
11	Cannabidiol protects against high glucoseâ€induced oxidative stress and cytotoxicity in cardiac voltageâ€gated sodium channels. British Journal of Pharmacology, 2020, 177, 2932-2946.	5.4	38
12	Cannabidiol interactions with voltage-gated sodium channels. ELife, 2020, 9, .	6.0	40
13	Targeting of NAV1.6 and NAV1.2 to Inhibit Excitatory vs Inhibitory Neural Circuits. Biophysical Journal, 2020, 118, 499a-500a.	0.5	0
14	pH Modulation of Voltage-Gated Sodium Channels. Handbook of Experimental Pharmacology, 2018, 246, 147-160.	1.8	16
15	Effects of Cannabidiol on Human Nav Channels. Biophysical Journal, 2018, 114, 636a.	0.5	0
16	A Mixed Periodic Paralysis & Myotonia Mutant, P1158S, Imparts pH-Sensitivity in Skeletal Muscle Voltage-gated Sodium Channels. Scientific Reports, 2018, 8, 6304.	3.3	11
17	Effects of acidosis on neuronal voltage-gated sodium channels: Nav1.1 and Nav1.3. Channels, 2018, 12, 367-377.	2.8	17
18	Inhibitory effects of cannabidiol on voltage-dependent sodium currents. Journal of Biological Chemistry, 2018, 293, 16546-16558.	3.4	136

#	Article	IF	Citations
19	Mixed Periodic Paralysis & Myotonia Mutant Imparts pH Sensitivity in NaV1.4. Biophysical Journal, 2017, 112, 241a.	0.5	0
20	Physiology and Pathophysiology of Sodium Channel Inactivation. Current Topics in Membranes, 2016, 78, 479-509.	0.9	47
21	Effects of Amiodarone and N-desethylamiodarone on Cardiac Voltage-Gated Sodium Channels. Frontiers in Pharmacology, 2016, 7, 39.	3.5	31
22	The Effects of Amiodarone and N-Desethylamiodarone on Cardiac Voltage-Gated Sodium Channels. Biophysical Journal, 2016, 110, 113a.	0.5	0