

Mohammad-Reza Ghovanloo

List of Publications by Year in descending order

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Version: 2024-02-01

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	Inhibitory effects of cannabidiol on voltage-dependent sodium currents. <i>Journal of Biological Chemistry</i> , 2018, 293, 16546-16558.	3.4	136
2	Physiology and Pathophysiology of Sodium Channel Inactivation. <i>Current Topics in Membranes</i> , 2016, 78, 479-509.	0.9	47
3	Cannabidiol interactions with voltage-gated sodium channels. <i>ELife</i> , 2020, 9, .	6.0	40
4	Cannabidiol protects against high glucose-induced oxidative stress and cytotoxicity in cardiac voltage-gated sodium channels. <i>British Journal of Pharmacology</i> , 2020, 177, 2932-2946.	5.4	38
5	Cannabidiol inhibits the skeletal muscle Nav1.4 by blocking its pore and by altering membrane elasticity. <i>Journal of General Physiology</i> , 2021, 153, .	1.9	38
6	Effects of Amiodarone and N-desethylamiodarone on Cardiac Voltage-Gated Sodium Channels. <i>Frontiers in Pharmacology</i> , 2016, 7, 39.	3.5	31
7	Cannabidiol and Sodium Channel Pharmacology: General Overview, Mechanism, and Clinical Implications. <i>Neuroscientist</i> , 2022, 28, 318-334.	3.5	23
8	Effects of acidosis on neuronal voltage-gated sodium channels: Nav1.1 and Nav1.3. <i>Channels</i> , 2018, 12, 367-377.	2.8	17
9	pH Modulation of Voltage-Gated Sodium Channels. <i>Handbook of Experimental Pharmacology</i> , 2018, 246, 147-160.	1.8	16
10	Inhibition of sodium conductance by cannabigerol contributes to a reduction of dorsal root ganglion neuron excitability. <i>British Journal of Pharmacology</i> , 2022, 179, 4010-4030.	5.4	16
11	Late sodium current: incomplete inactivation triggers seizures, myotonias, arrhythmias, and pain syndromes. <i>Journal of Physiology</i> , 2022, 600, 2835-2851.	2.9	14
12	Say Cheese: Structure of the Cardiac Electrical Engine Is Captured. <i>Trends in Biochemical Sciences</i> , 2020, 45, 369-371.	7.5	13
13	Biophysical Characterization of a Novel SCN5A Mutation Associated With an Atypical Phenotype of Atrial and Ventricular Arrhythmias and Sudden Death. <i>Frontiers in Physiology</i> , 2020, 11, 610436.	2.8	12
14	A Mixed Periodic Paralysis & Myotonia Mutant, P1158S, Imparts pH-Sensitivity in Skeletal Muscle Voltage-gated Sodium Channels. <i>Scientific Reports</i> , 2018, 8, 6304.	3.3	11
15	Protective Effect of Cannabidiol Against Oxidative Stress and Cytotoxicity Evoked by High Glucose in Cardiac Voltage-Gated Sodium Channels. <i>Biophysical Journal</i> , 2020, 118, 578a.	0.5	1
16	B-PO05-022 CLINICAL AND FUNCTIONAL CHARACTERIZATION OF SCN5A VARIANTS LINKED TO ADRENERGIC VENTRICULAR ARRHYTHMIA: A MULTICENTER STUDY. <i>Heart Rhythm</i> , 2021, 18, S380.	0.7	1
17	The Effects of Amiodarone and N-Desethylamiodarone on Cardiac Voltage-Gated Sodium Channels. <i>Biophysical Journal</i> , 2016, 110, 113a.	0.5	0
18	Mixed Periodic Paralysis & Myotonia Mutant Imparts pH Sensitivity in NaV1.4. <i>Biophysical Journal</i> , 2017, 112, 241a.	0.5	0

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19	Effects of Cannabidiol on Human Nav Channels. <i>Biophysical Journal</i> , 2018, 114, 636a.	0.5	0
20	Mechanism of Sodium Channel Inhibition by Cannabidiol. <i>Biophysical Journal</i> , 2020, 118, 499a.	0.5	0
21	Targeting of NAV1.6 and NAV1.2 to Inhibit Excitatory vs Inhibitory Neural Circuits. <i>Biophysical Journal</i> , 2020, 118, 499a-500a.	0.5	0
22	Cannabigerol inhibits sodium conductance to reduce neuronal dorsal root ganglion excitability. <i>Biophysical Journal</i> , 2022, 121, 93a.	0.5	0