Alexandra

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/362797/publications.pdf

Version: 2024-02-01

		623574	752573
22	2,105	14	20
papers	citations	h-index	g-index

22	22	22	2393
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Physiology, Pathology, and Pharmacology of Voltage-Gated Calcium Channels and Their Future Therapeutic Potential. Pharmacological Reviews, 2015, 67, 821-870.	7.1	793
2	Î±1D (Cav1.3) Subunits Can Form L-type Ca2+ Channels Activating at Negative Voltages. Journal of Biological Chemistry, 2001, 276, 22100-22106.	1.6	392
3	C-terminal modulator controls Ca2+-dependent gating of Cav1.4 L-type Ca2+ channels. Nature Neuroscience, 2006, 9, 1108-1116.	7.1	129
4	Modulation of Voltage- and Ca2+-dependent Gating of CaV1.3 L-type Calcium Channels by Alternative Splicing of a C-terminal Regulatory Domain. Journal of Biological Chemistry, 2008, 283, 20733-20744.	1.6	124
5	Ca_v1.4Î±1 Subunits Can Form Slowly Inactivating Dihydropyridine-Sensitive L-Type Ca²⁺Channels Lacking Ca²⁺-Dependent Inactivation. Journal of Neuroscience, 2003, 23, 6041-6049.	1.7	122
6	Functional Properties of a Newly Identified C-terminal Splice Variant of Cav1.3 L-type Ca2+ Channels. Journal of Biological Chemistry, 2011, 286, 42736-42748.	1.6	118
7	Congenital Stationary Night Blindness Type 2 Mutations S229P, G369D, L1068P, and W1440X Alter Channel Gating or Functional Expression of Cav1.4 L-type Ca2+ Channels. Journal of Neuroscience, 2005, 25, 252-259.	1.7	80
8	Voltage-Gated Calcium Channels: Key Players in Sensory Coding in the Retina and the Inner Ear. Physiological Reviews, 2018, 98, 2063-2096.	13.1	79
9	Cav1.4 IT mouse as model for vision impairment in human congenital stationary night blindness type 2. Channels, 2013, 7, 503-513.	1.5	51
10	Cell-type-specific tuning of Cav1.3 Ca2+-channels by a C-terminal automodulatory domain. Frontiers in Cellular Neuroscience, 2015, 9, 309.	1.8	41
11	Effects of congenital stationary night blindness type 2 mutations R508Q and L1364H on Cav1.4â€ƒL-type Ca2+channel function and expression. Journal of Neurochemistry, 2006, 96, 1648-1658.	2.1	31
12	What can naturally occurring mutations tell us about Cav1.x channel function?. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 1598-1607.	1.4	27
13	Spectrum of Cav1.4 dysfunction in congenital stationary night blindness type 2. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 2053-2065.	1.4	26
14	Gain-of-function nature of Cav1.4 L-type calcium channels alters firing properties of mouse retinal ganglion cells. Channels, 2015, 9, 298-306.	1.5	18
15	Relevance of tissue specific subunit expression in channelopathies. Neuropharmacology, 2018, 132, 58-70.	2.0	13
16	Cav1.4 dysfunction and congenital stationary night blindness type 2. Pflugers Archiv European Journal of Physiology, 2021, 473, 1437-1454.	1.3	13
17	A New Splicing Isoform ofCacna2d4Mimicking the Effects of c.2451insC Mutation in the Retina: Novel Molecular and Electrophysiological Insights. , 2015, 56, 4846.		12
18	Impact of gating modulation in Ca_V1.3 L-type calcium channels. Channels, 2010, 4, 523-525.	1.5	11

#	Article	IF	Citations
19	Protein kinase N1 critically regulates cerebellar development and long-term function. Journal of Clinical Investigation, 2018, 128, 2076-2088.	3.9	11
20	Function of cone and cone-related pathways in CaV1.4 IT mice. Scientific Reports, 2021, 11, 2732.	1.6	7
21	Assessment of the Retina of Plp-Î±-Syn Mice as a Model for Studying Synuclein-Dependent Diseases. , 2020, 61, 12.		5
22	Knockout of CaV1.3 L-type calcium channels in a mouse model of retinitis pigmentosa. Scientific Reports, 2021, 11, 15146.	1.6	2