

# Alexandra

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22  
papers

1,687  
citations

14  
h-index

22  
g-index

22  
ext. papers

1,930  
ext. citations

9.1  
avg, IF

4.61  
L-index

#	Paper	IF	Citations
22	Knockout of Ca <sub>v</sub> 1.3 L-type calcium channels in a mouse model of retinitis pigmentosa. <i>Scientific Reports</i> , <b>2021</b> , 11, 15146	4.9	1
21	Cav1.4 dysfunction and congenital stationary night blindness type 2. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2021</b> , 473, 1437-1454	4.6	5
20	Function of cone and cone-related pathways in Ca <sub>v</sub> 1.4 IT mice. <i>Scientific Reports</i> , <b>2021</b> , 11, 2732	4.9	4
19	Assessment of the Retina of Plp- $\beta$ Syn Mice as a Model for Studying Synuclein-Dependent Diseases <b>2020</b> , 61, 12		3
18	Relevance of tissue specific subunit expression in channelopathies. <i>Neuropharmacology</i> , <b>2018</b> , 132, 58-70	9.5	10
17	Voltage-Gated Calcium Channels: Key Players in Sensory Coding in the Retina and the Inner Ear. <i>Physiological Reviews</i> , <b>2018</b> , 98, 2063-2096	47.9	50
16	Protein kinase N1 critically regulates cerebellar development and long-term function. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 2076-2088	15.9	7
15	The Physiology, Pathology, and Pharmacology of Voltage-Gated Calcium Channels and Their Future Therapeutic Potential. <i>Pharmacological Reviews</i> , <b>2015</b> , 67, 821-900	22.5	562
14	Gain-of-function nature of Cav1.4 L-type calcium channels alters firing properties of mouse retinal ganglion cells. <i>Channels</i> , <b>2015</b> , 9, 298-306	3	17
13	Cell-type-specific tuning of Cav1.3 Ca <sup>2+</sup> -channels by a C-terminal automodulatory domain. <i>Frontiers in Cellular Neuroscience</i> , <b>2015</b> , 9, 309	6.1	32
12	A New Splicing Isoform of Cacna2d4 Mimicking the Effects of c.2451insC Mutation in the Retina: Novel Molecular and Electrophysiological Insights <b>2015</b> , 56, 4846-56		8
11	Spectrum of Cav1.4 dysfunction in congenital stationary night blindness type 2. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2014</b> , 1838, 2053-65	3.8	21
10	What can naturally occurring mutations tell us about Ca <sub>v</sub> (v)1.x channel function?. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2013</b> , 1828, 1598-607	3.8	23
9	Cav1.4 IT mouse as model for vision impairment in human congenital stationary night blindness type 2. <i>Channels</i> , <b>2013</b> , 7, 503-13	3	44
8	Functional properties of a newly identified C-terminal splice variant of Cav1.3 L-type Ca <sub>2+</sub> channels. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 42736-42748	5.4	97
7	Impact of gating modulation in Ca <sub>v</sub> 1.3 L-type calcium channels. <i>Channels</i> , <b>2010</b> , 4, 523-5	3	10
6	Modulation of voltage- and Ca <sub>2+</sub> -dependent gating of Ca <sub>v</sub> 1.3 L-type calcium channels by alternative splicing of a C-terminal regulatory domain. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 20733-44	5.4	105

5	Effects of congenital stationary night blindness type 2 mutations R508Q and L1364H on Cav1.4 L-type Ca <sup>2+</sup> channel function and expression. <i>Journal of Neurochemistry</i> , <b>2006</b> , 96, 1648-58	6	28
4	C-terminal modulator controls Ca <sup>2+</sup> -dependent gating of Ca(v)1.4 L-type Ca <sup>2+</sup> channels. <i>Nature Neuroscience</i> , <b>2006</b> , 9, 1108-16	25.5	118
3	Congenital stationary night blindness type 2 mutations S229P, G369D, L1068P, and W1440X alter channel gating or functional expression of Ca(v)1.4 L-type Ca <sup>2+</sup> channels. <i>Journal of Neuroscience</i> , <b>2005</b> , 25, 252-9	6.6	73
2	Cav1.4 $\alpha$ 1 subunits can form slowly inactivating dihydropyridine-sensitive L-type Ca <sup>2+</sup> channels lacking Ca <sup>2+</sup> -dependent inactivation. <i>Journal of Neuroscience</i> , <b>2003</b> , 23, 6041-9	6.6	113
1	$\alpha$ 1D (Cav1.3) subunits can form l-type Ca <sup>2+</sup> channels activating at negative voltages. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 22100-6	5.4	356