

L-type Ca^{2+} channels in heart and brain

Environmental Sciences Europe

3, 15-38

DOI: [10.1002/wmts.102](https://doi.org/10.1002/wmts.102)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Pyrimidine-2,4,6-triones are a new class of voltage-gated L-type Ca ²⁺ channel activators. <i>Nature Communications</i> , 2014, 5, 3897.	5.8	51
2	Generation of a neuro-specific microarray reveals novel differentially expressed noncoding RNAs in mouse models for neurodegenerative diseases. <i>Rna</i> , 2014, 20, 1929-1943.	1.6	27
3	Cardiac Functions of Voltage-Gated Ca ²⁺ Channels: Role of the Pharmacoresistant Type (E-/R-Type) in Cardiac Modulation and Putative Implication in Sudden Unexpected Death in Epilepsy (SUDEP). <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2014, 167, 115-139.	0.9	6
4	C-Terminal Modulatory Domain Controls Coupling of Voltage-Sensing to Pore Opening in Cav1.3 L-type Ca ²⁺ Channels. <i>Biophysical Journal</i> , 2014, 106, 1467-1475.	0.2	31
5	Endostatin inhibits T-type Ca ²⁺ channel current in guinea pig ventricular myocyte. <i>Journal of Veterinary Medical Science</i> , 2015, 77, 1289-1291.	0.3	5
6	Compensatory T-type Ca ²⁺ channel activity alters D2-autoreceptor responses of Substantia nigra dopamine neurons from Cav1.3 L-type Ca ²⁺ channel KO mice. <i>Scientific Reports</i> , 2015, 5, 13688.	1.6	40
7	Molecular simulations study of novel 1,4-dihydropyridines derivatives with a high selectivity for Cav3.1 calcium channel. <i>Protein Science</i> , 2015, 24, 1737-1747.	3.1	9
8	Cell-type-specific tuning of Cav1.3 Ca ²⁺ -channels by a C-terminal automodulatory domain. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 309.	1.8	41
9	Pharmacology of L-type Calcium Channels: Novel Drugs for Old Targets?. <i>Current Molecular Pharmacology</i> , 2015, 8, 110-122.	0.7	107
10	Calcium Channel Ca _v 1.3 Splice Isoforms - Tissue Specificity and Drug Action. <i>Current Molecular Pharmacology</i> , 2015, 8, 22-31.	0.7	36
11	A Polybasic Plasma Membrane Binding Motif in the I-II Linker Stabilizes Voltage-gated Cav1.2 Calcium Channel Function. <i>Journal of Biological Chemistry</i> , 2015, 290, 21086-21100.	1.6	27
12	Pharmacology of cognitive enhancers for exposure-based therapy of fear, anxiety and trauma-related disorders. <i>Journal of Cellular Physiology</i> , 2015, 149, 150-190.		340
13	Dopamine midbrain neurons in health and Parkinson's disease: Emerging roles of voltage-gated calcium channels and ATP-sensitive potassium channels. <i>Neuroscience</i> , 2015, 284, 798-814.	1.1	118
14	CACNA1D De Novo Mutations in Autism Spectrum Disorders Activate Cav1.3 L-Type Calcium Channels. <i>Biological Psychiatry</i> , 2015, 77, 816-822.	0.7	147
15	The Role of Auxiliary Subunits for the Functional Diversity of Voltage-Gated Calcium Channels. <i>Journal of Cellular Physiology</i> , 2015, 230, 2019-2031.	2.0	73
16	Effects of Wild-Type and Mutant Forms of Atrial Natriuretic Peptide on Atrial Electrophysiology and Arrhythmogenesis. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 1240-1254.	2.1	26
17	The L-type calcium channel Cav1.3 is required for proper hippocampal neurogenesis and cognitive functions. <i>Cell Calcium</i> , 2015, 58, 606-616.	1.1	55
18	The Physiology, Pathology, and Pharmacology of Voltage-Gated Calcium Channels and Their Future Therapeutic Potential. <i>Pharmacological Reviews</i> , 2015, 67, 821-870.	7.1	793

#	ARTICLE	IF	CITATIONS
19	Genetic disruption of voltage-gated calcium channels in psychiatric and neurological disorders. <i>Progress in Neurobiology</i> , 2015, 134, 36-54.	2.8	187
20	Ion Channels and Oxidative Stress as a Potential Link for the Diagnosis or Treatment of Liver Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-17.	1.9	55
21	Cav1.4 L-Type Calcium Channels Contribute to Calpain Activation in Degenerating Photoreceptors of rd1 Mice. <i>PLoS ONE</i> , 2016, 11, e0156974.	1.1	15
22	Voltage-gated calcium channels and their auxiliary subunits: physiology and pathophysiology and pharmacology. <i>Journal of Physiology</i> , 2016, 594, 5369-5390.	1.3	262
23	Harnessing the Flow of Excitation. <i>Advances in Protein Chemistry and Structural Biology</i> , 2016, 103, 25-95.	1.0	5
24	Innovative approaches to bipolar disorder and its treatment. <i>Annals of the New York Academy of Sciences</i> , 2016, 1366, 76-89.	1.8	81
25	L-type Ca ²⁺ channels in mood, cognition and addiction: integrating human and rodent studies with a focus on behavioural endophenotypes. <i>Journal of Physiology</i> , 2016, 594, 5823-5837.	1.3	58
26	An autism-associated mutation in CaV1.3 channels has opposing effects on voltage- and Ca ²⁺ -dependent regulation. <i>Scientific Reports</i> , 2016, 6, 27235.	1.6	31
27	Voltage-gated calcium channels – from basic mechanisms to disease. <i>Journal of Physiology</i> , 2016, 594, 5817-5821.	1.3	13
28	Splice variants of the CaV1.3 L-type calcium channel regulate dendritic spine morphology. <i>Scientific Reports</i> , 2016, 6, 34528.	1.6	38
29	Ca _v 1.3 (<i>CACNA1D</i>) L-type Ca ²⁺ channel dysfunction in CNS disorders. <i>Journal of Physiology</i> , 2016, 594, 5839-5849.	1.3	61
30	A systematic review of calcium channel antagonists in bipolar disorder and some considerations for their future development. <i>Molecular Psychiatry</i> , 2016, 21, 1324-1332.	4.1	84
31	L-type calcium channels as drug targets in CNS disorders. <i>Channels</i> , 2016, 10, 7-13.	1.5	77
32	Surface dynamics of voltage-gated ion channels. <i>Channels</i> , 2016, 10, 267-281.	1.5	15
33	Targeting voltage-gated calcium channels in neurological and psychiatric diseases. <i>Nature Reviews Drug Discovery</i> , 2016, 15, 19-34.	21.5	306
34	Bufalin, a bufanolide steroid from the parotoid glands of the Chinese toad, inhibits L-type Ca ²⁺ channels and contractility in rat ventricular myocytes. <i>Fundamental and Clinical Pharmacology</i> , 2017, 31, 340-346.	1.0	17
35	Different Ca _v 1.3 Channel Isoforms Control Distinct Components of the Synaptic Vesicle Cycle in Auditory Inner Hair Cells. <i>Journal of Neuroscience</i> , 2017, 37, 2960-2975.	1.7	34
36	From Gene to Behavior: L-Type Calcium Channel Mechanisms Underlying Neuropsychiatric Symptoms. <i>Neurotherapeutics</i> , 2017, 14, 588-613.	2.1	93

#	ARTICLE	IF	CITATIONS
37	New gain-of-function mutation shows CACNA1D as recurrently mutated gene in autism spectrum disorders and epilepsy. <i>Human Molecular Genetics</i> , 2017, 26, 2923-2932.	1.4	85
38	Lower Affinity of Isradipine for L-Type Ca ²⁺ Channels during Substantia Nigra Dopamine Neuron-Like Activity: Implications for Neuroprotection in Parkinson's Disease. <i>Journal of Neuroscience</i> , 2017, 37, 6761-6777.	1.7	72
39	Analgesic conopeptides targeting G protein-coupled receptors reduce excitability of sensory neurons. <i>Neuropharmacology</i> , 2017, 127, 116-123.	2.0	30
40	Extinction of Contextual Cocaine Memories Requires Ca ^v 1.2 within D1R-Expressing Cells and Recruits Hippocampal Ca ^v 1.2-Dependent Signaling Mechanisms. <i>Journal of Neuroscience</i> , 2017, 37, 11894-11911.	1.7	30
41	Inflammation alters AMPA-stimulated calcium responses in dorsal striatal D2 but not D1 spiny projection neurons. <i>European Journal of Neuroscience</i> , 2017, 46, 2519-2533.	1.2	7
42	A new interaction between proximal and distal C-terminus of Cav1.2 channels. <i>Journal of Pharmacological Sciences</i> , 2017, 133, 240-246.	1.1	10
43	Calcium Channel Blocker Use and Risk of Prostate Cancer by <i>TMPRSS2:ERG</i> Gene Fusion Status. <i>Prostate</i> , 2017, 77, 282-290.	1.2	18
44	L-Type Calcium Channels Modulation by Estradiol. <i>Molecular Neurobiology</i> , 2017, 54, 4996-5007.	1.9	38
45	The Contribution of L-Type Cav1.3 Channels to Retinal Light Responses. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 394.	1.4	22
46	Electrical Excitability of the Fish Heart and Its Autonomic Regulation. <i>Fish Physiology</i> , 2017, 36, 99-153.	0.2	24
47	Reduction of Cav1.3 channels in dorsal hippocampus impairs the development of dentate gyrus newborn neurons and hippocampal-dependent memory tasks. <i>PLoS ONE</i> , 2017, 12, e0181138.	1.1	16
48	CaMKII in Vascular Signalling: 'Friend or Foe'? <i>Heart Lung and Circulation</i> , 2018, 27, 560-567.	0.2	11
49	The Emerging Neurobiology of Bipolar Disorder. <i>Trends in Neurosciences</i> , 2018, 41, 18-30.	4.2	160
50	Type-1 astrocyte-like stem cells harboring <i>Cacna1d</i> gene deletion exhibit reduced proliferation and decreased neuronal fate choice. <i>Hippocampus</i> , 2018, 28, 97-107.	0.9	3
51	L-Type Calcium Channels: Structure and Functions. , 0, , .		12
52	Gating defects of disease-causing de novo mutations in Cav1.3 Ca ²⁺ channels. <i>Channels</i> , 2018, 12, 388-402.	1.5	20
53	Dynamic L-type CaV1.2 channel trafficking facilitates CaV1.2 clustering and cooperative gating. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018, 1865, 1341-1355.	1.9	29
54	Improved calcium sensor GCaMP-X overcomes the calcium channel perturbations induced by the calmodulin in GCaMP. <i>Nature Communications</i> , 2018, 9, 1504.	5.8	147

#	ARTICLE	IF	CITATIONS
55	Targeting the cellular schizophrenia. Likely employment of the antipsychotic agent pimozide in treatment of refractory cancers and glioblastoma. <i>Critical Reviews in Oncology/Hematology</i> , 2018, 128, 96-109.	2.0	24
56	Genetic Associations between Voltage-Gated Calcium Channels and Psychiatric Disorders. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3537.	1.8	58
57	Verapamil and Cluster Headache: Still a Mystery. A Narrative Review of Efficacy, Mechanisms and Perspectives. <i>Headache</i> , 2019, 59, 1198-1211.	1.8	35
58	The Emerging Neurobiology of Bipolar Disorder. <i>Focus (American Psychiatric Publishing)</i> , 2019, 17, 284-293.	0.4	7
59	LITAF (Lipopolysaccharide-Induced Tumor Necrosis Factor) Regulates Cardiac L-Type Calcium Channels by Modulating NEDD (Neural Precursor Cell Expressed Developmentally Downregulated Protein) 4-1 Ubiquitin Ligase. <i>Circulation Genomic and Precision Medicine</i> , 2019, 12, 407-420.	1.6	9
60	P.1.24 Characterising the transcriptional profile of bipolar disorder risk gene CACNA1C. <i>European Neuropsychopharmacology</i> , 2019, 29, S650-S651.	0.3	0
61	DMT1 Expression and Iron Levels at the Crossroads Between Aging and Neurodegeneration. <i>Frontiers in Neuroscience</i> , 2019, 13, 575.	1.4	29
62	Cardiac Rhythm and Molecular Docking Studies of Ion Channel Ligands with Cardiotoxicity in Zebrafish. <i>Cells</i> , 2019, 8, 566.	1.8	10
63	Iron and the heart: A paradigm shift from systemic to cardiomyocyte abnormalities. <i>Journal of Cellular Physiology</i> , 2019, 234, 21613-21629.	2.0	53
64	Estradiol-Mediated Axogenesis of Hypothalamic Neurons Requires ERK1/2 and Ryanodine Receptors-Dependent Intracellular Ca ²⁺ Rise in Male Rats. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 122.	1.8	9
65	Autoimmune Calcium Channelopathies and Cardiac Electrical Abnormalities. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 54.	1.1	17
66	Atomistic modeling and molecular dynamics analysis of human CaV1.2 channel using external electric field and ion pulling simulations. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 1116-1126.	1.1	13
67	The Oxford study of Calcium channel Antagonism, Cognition, Mood instability and Sleep (OxCaMS): study protocol for a randomised controlled, experimental medicine study. <i>Trials</i> , 2019, 20, 120.	0.7	17
68	Functional Voltage-Gated Calcium Channels Are Present in Human Embryonic Stem Cell-Derived Retinal Pigment Epithelium. <i>Stem Cells Translational Medicine</i> , 2019, 8, 179-193.	1.6	19
69	Human Osteoblast Migration in DC Electrical Fields Depends on Store Operated Ca ²⁺ -Release and Is Correlated to Upregulation of Stretch-Activated TRPM7 Channels. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 422.	2.0	19
70	The Potential of L-Type Calcium Channels as a Drug Target for Neuroprotective Therapy in Parkinson's Disease. <i>Annual Review of Pharmacology and Toxicology</i> , 2019, 59, 263-289.	4.2	80
71	Non-transferrin-bound iron transporters. <i>Free Radical Biology and Medicine</i> , 2019, 133, 101-111.	1.3	126
72	Novel neurotoxic peptides from <i>Protopolythoa variabilis</i> virtually interact with voltage-gated sodium channel and display anti-epilepsy and neuroprotective activities in zebrafish. <i>Archives of Toxicology</i> , 2019, 93, 189-206.	1.9	15

#	ARTICLE	IF	CITATIONS
73	Polycyclic maleimide-based derivatives as first dual modulators of neuronal calcium channels and GSK-3 β for Alzheimer's disease treatment. <i>European Journal of Medicinal Chemistry</i> , 2019, 163, 394-402.	2.6	18
74	Identification of CACNA1D variants associated with sinoatrial node dysfunction and deafness in additional Pakistani families reveals a clinical significance. <i>Journal of Human Genetics</i> , 2019, 64, 153-160.	1.1	32
75	The effects of CACNA1C gene polymorphism on prefrontal cortex in both schizophrenia patients and healthy controls. <i>Schizophrenia Research</i> , 2019, 204, 193-200.	1.1	11
76	Analysis of KCNH2 and CACNA1C schizophrenia risk genes on EEG functional network modulation during an auditory odd-ball task. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2020, 270, 433-442.	1.8	5
77	Ahnak scaffolds p11/Anxa2 complex and L-type voltage-gated calcium channel and modulates depressive behavior. <i>Molecular Psychiatry</i> , 2020, 25, 1035-1049.	4.1	41
78	miR-221 and -222 target CACNA1C and KCNJ5 leading to altered cardiac ion channel expression and current density. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 903-918.	2.4	20
79	Hormones and the Regulation of Neuronal Voltage-Sensing Ion Channels. , 2020, , 227-281.		0
80	Long-read sequencing reveals the complex splicing profile of the psychiatric risk gene CACNA1C in human brain. <i>Molecular Psychiatry</i> , 2020, 25, 37-47.	4.1	98
81	Cardiac Pacemaker Activity and Aging. <i>Annual Review of Physiology</i> , 2020, 82, 21-43.	5.6	59
82	Calcium channels linked to altered cellular function and disease. <i>Current Opinion in Physiology</i> , 2020, 17, 124-137.	0.9	1
83	CACNA1C methylation: association with cortisol, perceived stress, rs1006737 and childhood trauma in males. <i>Epigenomics</i> , 2020, 12, 1739-1749.	1.0	2
84	The Ion Channel and GPCR Toolkit of Brain Capillary Pericytes. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 601324.	1.8	33
85	Cav1.2 Activity and Downstream Signaling Pathways in the Hippocampus of An Animal Model of Depression. <i>Cells</i> , 2020, 9, 2609.	1.8	9
86	KV11.1, NaV1.5, and CaV1.2 Transporter Proteins as Antitarget for Drug Cardiotoxicity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8099.	1.8	11
87	Regulation of cardiovascular calcium channel activity by post-translational modifications or interacting proteins. <i>Pflügers Archiv European Journal of Physiology</i> , 2020, 472, 653-667.	1.3	13
88	Insights Into Spinal Dorsal Horn Circuit Function and Dysfunction Using Optical Approaches. <i>Frontiers in Neural Circuits</i> , 2020, 14, 31.	1.4	22
89	Cluster headache therapies: pharmacology and mode of action. <i>Expert Review of Clinical Pharmacology</i> , 2020, 13, 641-654.	1.3	7
90	Association between gene polymorphisms of voltage-dependent Ca ²⁺ channels and hypertension in the Dai people of China: a case-control study. <i>BMC Medical Genetics</i> , 2020, 21, 44.	2.1	2

#	ARTICLE	IF	CITATIONS
91	Biophysical classification of a CACNA1D de novo mutation as a high-risk mutation for a severe neurodevelopmental disorder. <i>Molecular Autism</i> , 2020, 11, 4.	2.6	33
92	Targeting microglia L-type voltage-dependent calcium channels for the treatment of central nervous system disorders. <i>Journal of Neuroscience Research</i> , 2021, 99, 141-162.	1.3	28
93	Altered calcium handling in cardiomyocytes from arginine-glycine amidinotransferase-knockout mice is rescued by creatine. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H805-H825.	1.5	3
94	Effects of selective calcium channel blockers on ions TM permeation through the human Cav1.2 ion channel: A computational study. <i>Journal of Molecular Graphics and Modelling</i> , 2021, 102, 107776.	1.3	3
95	Functional genomics of psychiatric disease risk using genome engineering. , 2021, , 711-734.		0
96	Membrane Proteins L-Type Calcium Channels in Health and Disease: The Case of Heart Failure. , 2021, , 566-580.		1
97	Development of phenotypic assays for identifying novel blockers of L-type calcium channels in neurons. <i>Scientific Reports</i> , 2021, 11, 456.	1.6	0
98	More than a pore: How voltage-gated calcium channels act on different levels of neuronal communication regulation. <i>Channels</i> , 2021, 15, 322-338.	1.5	10
99	Advances in L-Type Calcium Channel Structures, Functions and Molecular Modeling. <i>Current Medicinal Chemistry</i> , 2021, 28, 514-524.	1.2	10
100	Use of calcium channel blockers in dermatology: a narrative review. <i>Expert Review of Clinical Pharmacology</i> , 2021, 14, 481-489.	1.3	5
101	The new molecular targets for antidepressants. <i>Medical Herald of the South of Russia</i> , 2021, 12, 24-32.	0.2	0
102	The Relevance of Amyloid β -Calmodulin Complexation in Neurons and Brain Degeneration in Alzheimer TM s Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4976.	1.8	13
103	Altered Expression of Ion Channels in White Matter Lesions of Progressive Multiple Sclerosis: What Do We Know About Their Function?. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 685703.	1.8	18
104	Phenotypic expansion of CACNA1C-associated disorders to include isolated neurological manifestations. <i>Genetics in Medicine</i> , 2021, 23, 1922-1932.	1.1	16
105	Roles for β -Synuclein in Gene Expression. <i>Genes</i> , 2021, 12, 1166.	1.0	16
106	Brain-enriched CACNA1C isoforms as novel, selective targets for psychiatric indications. <i>Neuropsychopharmacology</i> , 2022, 47, 393-394.	2.8	5
107	Influence of miR-221/222 on cardiomyocyte calcium handling and function. <i>Cell and Bioscience</i> , 2021, 11, 160.	2.1	4
108	Targeting synaptic plasticity in schizophrenia: insights from genomic studies. <i>Trends in Molecular Medicine</i> , 2021, 27, 1022-1032.	3.5	17

#	ARTICLE	IF	CITATIONS
109	Role of L-Type Voltage-Gated Calcium Channels in Epileptiform Activity of Neurons. International Journal of Molecular Sciences, 2021, 22, 10342.	1.8	10
110	The interplay between mitochondria and store-operated Ca ²⁺ entry: Emerging insights into cardiac diseases. Journal of Cellular and Molecular Medicine, 2021, 25, 9496-9512.	1.6	18
111	Keeping zombies alive: The ER-mitochondria Ca ²⁺ transfer in cellular senescence. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 119099.	1.9	18
112	Tachypacing-induced CREB/CD44 signaling contributes to the suppression of L-type calcium channel expression and the development of atrial remodeling. Heart Rhythm, 2021, 18, 1760-1771.	0.3	4
113	Contribution of Monovalent (Na ⁺ and K ⁺) and Divalent (Ca ²⁺) Ions to the Mechanisms of Synaptic Plasticity. Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology, 2021, 15, 1-20.	0.3	0
114	A CACNA1A variant associated with trigeminal neuralgia alters the gating of Cav2.1 channels. Molecular Brain, 2021, 14, 4.	1.3	11
115	New aspects in cardiac L-type Ca ²⁺ channel regulation. Biochemical Society Transactions, 2020, 48, 39-49.	1.6	13
118	Graded Ca ²⁺ /calmodulin-dependent coupling of voltage-gated CaV1.2 channels. ELife, 2015, 4, .	2.8	97
119	Ca ²⁺ entry into neurons is facilitated by cooperative gating of clustered CaV1.3 channels. ELife, 2016, 5, .	2.8	61
120	Cooperative and acute inhibition by multiple C-terminal motifs of L-type Ca ²⁺ channels. ELife, 2017, 6, .	2.8	13
121	L-Type Calcium Channel Blockers: A Potential Novel Therapeutic Approach to Drug Dependence. Pharmacological Reviews, 2021, 73, 1298-1325.	7.1	10
123	Shengmai Suppressed Vascular Tension in Umbilical Arteries and Veins of Human and Sheep. Pharmacology & Pharmacy, 2015, 06, 281-291.	0.2	0
124	Revealing the Molecular Mechanisms of Alzheimer's Disease Based on Network Analysis. International Journal of Molecular Sciences, 2021, 22, 11556.	1.8	10
125	Stabilization of negative activation voltages of Cav1.3 L-Type Ca ²⁺ -channels by alternative splicing. Channels, 2021, 15, 38-52.	1.5	12
126	Pharmacology of Calcium Channel. , 2020, , 683-721.		0
129	Gabapentin and pregabalin in bipolar disorder, anxiety states, and insomnia: Systematic review, meta-analysis, and rationale. Molecular Psychiatry, 2022, 27, 1339-1349.	4.1	31
130	Roadblock: improved annotations do not necessarily translate into new functional insights. Genome Biology, 2021, 22, 320.	3.8	2
131	Cardioprotective effects of alantolactone on isoproterenol-induced cardiac injury and cobalt chloride-induced cardiomyocyte injury. International Journal of Immunopathology and Pharmacology, 2022, 36, 205873842110519.	1.0	5

#	ARTICLE	IF	CITATIONS
132	Post-Translational Modification of Cav1.2 and its Role in Neurodegenerative Diseases. <i>Frontiers in Pharmacology</i> , 2021, 12, 775087.	1.6	8
133	Fast and Durable Intraoperative Near-Infrared Imaging of Ovarian Cancer Using Ultrabright Squaraine Fluorophores. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	10
134	Low Intensity Electromagnetic Fields Act via Voltage-Gated Calcium Channel (VGCC) Activation to Cause Very Early Onset Alzheimer's Disease: 18 Distinct Types of Evidence. <i>Current Alzheimer Research</i> , 2022, 19, 119-132.	0.7	13
135	Mechanisms and physiological implications of cooperative gating of clustered ion channels. <i>Physiological Reviews</i> , 2022, 102, 1159-1210.	13.1	44
136	Identification of ultra-rare disruptive variants in voltage-gated calcium channel-encoding genes in Japanese samples of schizophrenia and autism spectrum disorder. <i>Translational Psychiatry</i> , 2022, 12, 84.	2.4	4
137	Cation Permeability of Voltage-Gated Hair Cell Ca ²⁺ Channels of the Vertebrate Labyrinth. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3786.	1.8	0
138	Selenium Effects on Oxidative Stress-Induced Calcium Signaling Pathways in Parkinson's Disease. <i>Indian Journal of Clinical Biochemistry</i> , 2022, 37, 257-266.	0.9	9
143	Integration of multidimensional splicing data and GWAS summary statistics for risk gene discovery. <i>PLoS Genetics</i> , 2022, 18, e1009814.	1.5	1
144	A functional neuroimaging association study on the interplay between two schizophrenia genome-wide associated genes (CACNA1C and ZNF804A). <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2022, 272, 1229-1239.	1.8	3
145	Solanaceae glycoalkaloids: Î±-solanine and Î±-chaconine modify the cardioinhibitory activity of verapamil. <i>Pharmaceutical Biology</i> , 2022, 60, 1317-1330.	1.3	3
146	Antihypertensive drugs and brain function: mechanisms underlying therapeutically beneficial and harmful neuropsychiatric effects. <i>Cardiovascular Research</i> , 2023, 119, 647-667.	1.8	11
147	Models of the cardiac L-type calcium current: A quantitative review. <i>WIREs Mechanisms of Disease</i> , 2023, 15, .	1.5	2
148	Calmodulin promotes a Ca ²⁺ -dependent conformational change in the C-terminal regulatory domain of CaV1.2. <i>FEBS Letters</i> , 0, , .	1.3	1
149	The Î±2Î³ Calcium Channel Subunit Accessorily and Independently Affects the Biological Function of <i>Ditylenchus destructor</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 12999.	1.8	2
150	Calcium Channels and Selective Neuronal Vulnerability in Parkinson's Disease. , 2022, , 575-598.		2
151	Analysis of CACNA1C and KCNH2 Risk Variants on Cardiac Autonomic Function in Patients with Schizophrenia. <i>Genes</i> , 2022, 13, 2132.	1.0	1
152	Intercommunication between Voltage-Gated Calcium Channels and Estrogen Receptor/Estrogen Signaling: Insights into Physiological and Pathological Conditions. <i>Cells</i> , 2022, 11, 3850.	1.8	5
153	CACNA1C-Related Channelopathies. <i>Handbook of Experimental Pharmacology</i> , 2023, , 159-181.	0.9	5

#	ARTICLE	IF	CITATIONS
154	Case Report: Clinical delineation of CACNA1D mutation: New cases and literature review. <i>Frontiers in Neurology</i> , 0, 14, .	1.1	2
155	The interplay of inflammation, exosomes and Ca ²⁺ dynamics in diabetic cardiomyopathy. <i>Cardiovascular Diabetology</i> , 2023, 22, .	2.7	11
156	L-type calcium channels and neuropsychiatric diseases: Insights into genetic risk variant-associated genomic regulation and impact on brain development. <i>Channels</i> , 2023, 17, .	1.5	2
157	Integrative Roles of Dopamine Pathway and Calcium Channels Reveal a Link between Schizophrenia and Opioid Use Disorder. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4088.	1.8	0
158	Lymphatic-draining nanoparticles deliver Bay K8644 payload to lymphatic vessels and enhance their pumping function. <i>Science Advances</i> , 2023, 9, .	4.7	2
159	Effect of semaglutide and empagliflozin on cognitive function and hippocampal phosphoproteomic in obese mice. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	4
160	Pathophysiology of Cav1.3 L-type calcium channels in the heart. <i>Frontiers in Physiology</i> , 0, 14, .	1.3	4
161	Regulation of Cardiac Cav1.2 Channels by Calmodulin. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6409.	1.8	2
162	Using brain cell-type-specific protein interactomes to interpret neurodevelopmental genetic signals in schizophrenia. <i>IScience</i> , 2023, 26, 106701.	1.9	2
165	L-Type Ca ²⁺ Channels and Cardiac Arrhythmias. , 2023, , 227-254.		0