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List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

462
citations

933447

10
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

827
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional role of TRPC proteins in native systems: implications from knockout and knock-down studies. <i>Journal of Physiology</i> , 2005, 567, 59-66.	2.9	90
2	Heteromeric channels formed by <scp>TRPC</scp>1, <scp>TRPC</scp>4 and <scp>TRPC</scp>5 define hippocampal synaptic transmission and working memory. <i>EMBO Journal</i> , 2017, 36, 2770-2789.	7.8	88
3	Variants That Affect Function of Calcium Channel TRPV6 Are Associated With Early-Onset Chronic Pancreatitis. <i>Gastroenterology</i> , 2020, 158, 1626-1641.e8.	1.3	77
4	Identification of signal peptide features for substrate specificity in human Sec62/Sec63-dependent ER protein import. <i>FEBS Journal</i> , 2020, 287, 4612-4640.	4.7	40
5	TRPV6: From identification to function. <i>Cell Calcium</i> , 2017, 67, 116-122.	2.4	34
6	TRPC channels regulate Ca ²⁺ -signaling and short-term plasticity of fast glutamatergic synapses. <i>PLoS Biology</i> , 2019, 17, e3000445.	5.6	27
7	Trpc5 deficiency causes hypoprolactinemia and altered function of oscillatory dopamine neurons in the arcuate nucleus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 15236-15243.	7.1	22
8	Maternal Transient Receptor Potential Vanilloid 6 (Trpv6) Is Involved In Offspring Bone Development. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 699-710.	2.8	17
9	Essential roles for Ca ^v 2 and Ca ^v 1 channels in thymocyte development and T cell homeostasis. <i>Science Signaling</i> , 2015, 8, ra103.	3.6	16
10	Control of Insulin Release by Transient Receptor Potential Melastatin 3 (TRPM3) Ion Channels. <i>Cellular Physiology and Biochemistry</i> , 2020, 54, 1115-1131.	1.6	11
11	Murine Autoimmune Optic Neuritis Is Not Phenotypically Altered by the Retinal Degeneration 8 Mutation. , 2017, 58, 318.		9
12	The Evolution of Erythrocytes Becoming Red in Respect to Fluorescence. <i>Frontiers in Physiology</i> , 2019, 10, 753.	2.8	8
13	Transient Receptor Potential Vanilloid 6 (TRPV6) Proteins Control the Extracellular Matrix Structure of the Placental Labyrinth. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9674.	4.1	6
14	A TRPV6 expression atlas for the mouse. <i>Cell Calcium</i> , 2021, 100, 102481.	2.4	6
15	Trophectoderm cell failure leads to peri-implantation lethality in Trpm7-deficient mouse embryos. <i>Cell Reports</i> , 2021, 37, 109851.	6.4	4
16	Combining mass spectrometry and genetic labeling in mice to report TRP channel expression. <i>MethodsX</i> , 2022, 9, 101604.	1.6	3
17	Mutations That Affect the Surface Expression of TRPV6 Are Associated with the Upregulation of Serine Proteases in the Placenta of an Infant. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12694.	4.1	2
18	IP3-dependent Ca ²⁺ signals are tightly controlled by Cav ^{1.2} , but not by Cav ^{1.1} , 2 and 4. <i>Cell Calcium</i> , 2022, 104, 102573.	2.4	1

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19	Additional data for the mouse TRPV6 expression atlas. Data in Brief, 2022, 42, 108201.	1.0	1