

Structural basis of cooling agent and lipid sensing by the

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The role of α -helices in TRP channel gating. <i>Current Opinion in Structural Biology</i> , 2019, 58, 314-323.	2.6	47
2	Interfacial Binding Sites for Cholesterol on TRP Ion Channels. <i>Biophysical Journal</i> , 2019, 117, 2020-2033.	0.2	14
3	Competitive Interactions between PIRT, the Cold Sensing Ion Channel TRPM8, and PIP2 Suggest a Mechanism for Regulation. <i>Scientific Reports</i> , 2019, 9, 14128.	1.6	7
4	Structural biology of thermoTRPV channels. <i>Cell Calcium</i> , 2019, 84, 102106.	1.1	22
5	Voltage vs. Ligand I: Structural basis of the intrinsic flexibility of S3 segment and its significance in ion channel activation. <i>Channels</i> , 2019, 13, 455-476.	1.5	9
6	Visualizing structural transitions of ligand-dependent gating of the TRPM2 channel. <i>Nature Communications</i> , 2019, 10, 3740.	5.8	34
7	Structural insights into TRPM8 inhibition and desensitization. <i>Science</i> , 2019, 365, 1434-1440.	6.0	118
8	Structure of the thermo-sensitive TRP channel TRP1 from the alga <i>Chlamydomonas reinhardtii</i> . <i>Nature Communications</i> , 2019, 10, 4180.	5.8	29
9	Direct $G\beta\gamma$ Gating Is the Sole Mechanism for TRPM8 Inhibition Caused by Bradykinin Receptor Activation. <i>Cell Reports</i> , 2019, 27, 3672-3683.e4.	2.9	21
10	Recent Progress in TRPM8 Modulation: An Update. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2618.	1.8	71
11	Frozen images of a cool channel with icy compounds. <i>Cell Calcium</i> , 2019, 80, 189-191.	1.1	0
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15	Tools for Understanding Nanoscale Lipid Regulation of Ion Channels. <i>Trends in Biochemical Sciences</i> , 2019, 44, 795-806.	3.7	66
16	Visualizing conformation transitions of the Lipid II flippase MurJ. <i>Nature Communications</i> , 2019, 10, 1736.	5.8	51
17	The anthelmintic drug praziquantel activates a schistosome transient receptor potential channel. <i>Journal of Biological Chemistry</i> , 2019, 294, 18873-18880.	1.6	81
18	Lipid Interactions of a Ciliary Membrane TRP Channel: Simulation and Structural Studies of Polycystin-2. <i>Structure</i> , 2020, 28, 169-184.e5.	1.6	37

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19	Lipid-Dependent Regulation of Ion Channels and G Protein–Coupled Receptors: Insights from Structures and Simulations. <i>Annual Review of Pharmacology and Toxicology</i> , 2020, 60, 31-50.	4.2	117
20	Hot new structures of the cold sensor, TRPM8, reveal insights into the fundamentals of cold perception and adaptation. <i>Cell Calcium</i> , 2020, 85, 102112.	1.1	3
21	Structure-Based Design of Novel Biphenyl Amide Antagonists of Human Transient Receptor Potential Cation Channel Subfamily M Member 8 Channels with Potential Implications in the Treatment of Sensory Neuropathies. <i>ACS Chemical Neuroscience</i> , 2020, 11, 268-290.	1.7	13
22	Structural Insights into Electrophile Irritant Sensing by the Human TRPA1 Channel. <i>Neuron</i> , 2020, 105, 882-894.e5.	3.8	81
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38	PIRT the TRP Channel Regulating Protein Binds Calmodulin and Cholesterol-Like Ligands. <i>Biomolecules</i> , 2020, 10, 478.	1.8	5
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