

TRP Channels and Pain

Annual Review of Cell and Developmental Biology
29, 355-384

DOI: [10.1146/annurev-cellbio-101011-155833](https://doi.org/10.1146/annurev-cellbio-101011-155833)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Structure of the TRPV1 ion channel determined by electron cryo-microscopy. <i>Nature</i> , 2013, 504, 107-112.	13.7	1,451
2	Novel endogenous N-acyl amides activate TRPV1-4 receptors, BV-2 microglia, and are regulated in brain in an acute model of inflammation. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 195.	1.8	89
3	Novel immune function for the TRPV1 channel in T lymphocytes. <i>Channels</i> , 2014, 8, 479-480.	1.5	19
4	Selectivity in Genetic Association with Sub-classified Migraine in Women. <i>PLoS Genetics</i> , 2014, 10, e1004366.	1.5	45
5	Inhibitory Effect of Oleanolic Acid from the Rhizomes of <i>Cyperus rotundus</i> on Transient Receptor Potential Vanilloid 1 Channel. <i>Planta Medica</i> , 2014, 81, 20-25.	0.7	12
6	A structural view of ligand-dependent activation in thermoTRP channels. <i>Frontiers in Physiology</i> , 2014, 5, 171.	1.3	51
7	Targeting the Transient Receptor Potential Vanilloid Type 1 (TRPV1) Assembly Domain Attenuates Inflammation-induced Hypersensitivity. <i>Journal of Biological Chemistry</i> , 2014, 289, 16675-16687.	1.6	31
8	Transmembrane Helix Straightening and Buckling Underlies Activation of Mechanosensitive and Thermosensitive K2P Channels. <i>Neuron</i> , 2014, 84, 1198-1212.	3.8	109
9	The TRPA1 channel is a cardiac target of miGF-1/SIRT1 signaling. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H939-H944.	1.5	14
10	Simultaneous tissue profiling of eicosanoid and endocannabinoid lipid families in a rat model of osteoarthritis. <i>Journal of Lipid Research</i> , 2014, 55, 1902-1913.	2.0	42
11	Transient receptor potential channels and occupational exposure. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2014, 14, 77-83.	1.1	27
12	Transient Receptor Potential Channel Ankyrin-1 Is Not a Cold Sensor for Autonomic Thermoregulation in Rodents. <i>Journal of Neuroscience</i> , 2014, 34, 4445-4452.	1.7	61
13	Physiological and behavioral evidence of a capsaicin sensitive TRPV-like channel in the medicinal leech. <i>Journal of Experimental Biology</i> , 2014, 217, 4167-73.	0.8	21
14	Ion Channel Profile of TRPM8 Cold Receptors Reveals a Role of TASK-3 Potassium Channels in Thermosensation. <i>Cell Reports</i> , 2014, 8, 1571-1582.	2.9	81
15	TRPV1: A Potential Drug Target for Treating Various Diseases. <i>Cells</i> , 2014, 3, 517-545.	1.8	115
16	TRPV1 expression regulationâ€¦ A further step in defining its biology. <i>Neuroscience Letters</i> , 2014, 578, 209-210.	1.0	0
17	245 Effects of Acid on Vagal Nociceptive Afferent Subtypes in Guinea Pig Esophagus. <i>Gastroenterology</i> , 2014, 146, S-58.	0.6	0
18	Activation of TRPM7 channels by small molecules under physiological conditions. <i>Pflugers Archiv European Journal of Physiology</i> , 2014, 466, 2177-2189.	1.3	75

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19	TRP-channels as key integrators of lipid pathways in nociceptive neurons. <i>Progress in Lipid Research</i> , 2014, 53, 93-107.	5.3	54
20	TRPA1 Channels. <i>Current Topics in Membranes</i> , 2014, 74, 89-112.	0.5	38
21	ZBTB20 regulates nociception and pain sensation by modulating TRP channel expression in nociceptive sensory neurons. <i>Nature Communications</i> , 2014, 5, 4984.	5.8	26
22	Thermal Sensitivity of CLC and TMEM16 Chloride Channels and Transporters. <i>Current Topics in Membranes</i> , 2014, 74, 213-231.	0.5	2
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24	Targeting TRP Channels For Novel Migraine Therapeutics. <i>ACS Chemical Neuroscience</i> , 2014, 5, 1085-1096.	1.7	77
25	Supraspinal TRPV1 modulates the emotional expression of abdominal pain. <i>Pain</i> , 2014, 155, 2153-2160.	2.0	20
26	Effects of acid on vagal nociceptive afferent subtypes in guinea pig esophagus. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, G471-G478.	1.6	18
27	Discovery of (R)-1-(7-Chloro-2,2-bis(fluoromethyl)chroman-4-yl)-3-(3-methylisoquinolin-5-yl)urea (A-1165442): A Temperature-Neutral Transient Receptor Potential Vanilloid-1 (TRPV1) Antagonist with Analgesic Efficacy. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 7412-7424.	2.9	38
28	Neuronal mechanism for acute mechanosensitivity in tactile-foraging waterfowl. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14941-14946.	3.3	65
29	Transient Receptor Potential Channels as Drug Targets: From the Science of Basic Research to the Art of Medicine. <i>Pharmacological Reviews</i> , 2014, 66, 676-814.	7.1	440
30	Reduction of delayed onset muscle soreness by a novel curcumin delivery system (Meriva®): a randomised, placebo-controlled trial. <i>Journal of the International Society of Sports Nutrition</i> , 2014, 11, 31.	1.7	105
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34	The Region Adjacent to the C-end of the Inner Gate in Transient Receptor Potential Melastatin 8 (TRPM8) Channels Plays a Central Role in Allosteric Channel Activation. <i>Journal of Biological Chemistry</i> , 2014, 289, 28579-28594.	1.6	28
35	Heating Up the Cutaneous Flushing Response. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1122-1123.	1.1	2
36	Single particle electron cryo-microscopy of a mammalian ion channel. <i>Current Opinion in Structural Biology</i> , 2014, 27, 1-7.	2.6	79

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37	Supraspinal Transient Receptor Potential Subfamily V Member 1 (TRPV1) in Pain and Psychiatric Disorders. <i>Modern Problems of Pharmacopsychiatry</i> , 2015, 30, 80-93.	2.5	22
38	Epigenetics in the perioperative period. <i>British Journal of Pharmacology</i> , 2015, 172, 2748-2755.	2.7	43
39	The pain receptor TRPV1 displays agonist-dependent activation stoichiometry. <i>Scientific Reports</i> , 2015, 5, 12278.	1.6	45
40	Function and Postnatal Changes of Dural Afferent Fibers Expressing TRPM8 Channels. <i>Molecular Pain</i> , 2015, 11, s12990-015-0043.	1.0	17
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47	Induction of thermal and mechanical hypersensitivity by parathyroid hormone-related peptide through upregulation of TRPV1 function and trafficking. <i>Pain</i> , 2015, 156, 1620-1636.	2.0	24
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49	Transient Receptor Potential (TRP) Channels†. , 2015, , .		1
50	A Potent and Site-Selective Agonist of TRPA1. <i>Journal of the American Chemical Society</i> , 2015, 137, 15859-15864.	6.6	48
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58	Therapeutic effect of intranasal evaporative cooling in patients with migraine: a pilot study. <i>Journal of Headache and Pain</i> , 2015, 16, 5.	2.5	12
59	The role of flavor and fragrance chemicals in TRPA1 (transient receptor potential cation channel,) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 5	0.9	41
60	PIP2 and PIP3 interact with N-terminus region of TRPM4 channel. <i>Biophysical Chemistry</i> , 2015, 205, 24-32.	1.5	25
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74	Electrophysiological characteristics of IB4-negative TRPV1-expressing muscle afferent DRG neurons. <i>Biophysics (Nagoya-shi, Japan)</i> , 2015, 11, 9-16.	0.4	4
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84	Listening to quantum grains of sound. <i>Nature</i> , 2015, 520, 441-442.	13.7	0
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110	TRPV1 and TRPV4 channels: Potential therapeutic targets for ischemic conditioning-induced cardioprotection. <i>European Journal of Pharmacology</i> , 2015, 746, 180-185.	1.7	37
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131	Nucleophile sensitivity of <i>Drosophila</i> TRPA1 underlies light-induced feeding deterrence. <i>ELife</i> , 2016, 5, .	2.8	29
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150	Transient receptor potential ankyrin 1 agonists improve intestinal transit in a murine model of postoperative ileus. <i>Neurogastroenterology and Motility</i> , 2016, 28, 1792-1805.	1.6	30
152	TRP channels in schistosomes. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2016, 6, 335-342.	1.4	25
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154	<i>TRPA1</i> and <i>TRPV1</i> contribute to iodine antiseptics-associated pain and allergy. <i>EMBO Reports</i> , 2016, 17, 1422-1430.	2.0	10
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