Peter Reeh

List of Publications by Year
in descending order

213 papers	15,231 citations	13099 68 h-index	20961 115 g-index
217 all docs	217 docs citations	217 times ranked	11062 citing authors

#	Article	IF	Citations
1	Cannabinoids mediate analgesia largely via peripheral type 1 cannabinoid receptors in nociceptors. Nature Neuroscience, 2007, 10, 870-879.	14.8	504
2	Protons selectively induce lasting excitation and sensitization to mechanical stimulation of nociceptors in rat skin, in vitro. Journal of Neuroscience, 1992, 12, 86-95.	3.6	477
3	Methylglyoxal modification of Nav1.8 facilitates nociceptive neuron firing and causes hyperalgesia in diabetic neuropathy. Nature Medicine, 2012, 18, 926-933.	30.7	414
4	TREK-1, a K+ channel involved in polymodal pain perception. EMBO Journal, 2006, 25, 2368-2376.	7.8	363
5	TRPA1 channels mediate acute neurogenic inflammation and pain produced by bacterial endotoxins. Nature Communications, 2014, 5, 3125.	12.8	361
6	Sensory neuron sodium channel Nav1.8 is essential for pain at low temperatures. Nature, 2007, 447, 856-859.	27.8	355
7	H2S and NO cooperatively regulate vascular tone by activating a neuroendocrine HNOâ€“TRPA1â€“CGRP signalling pathway. Nature Communications, 2014, 5, 4381.	12.8	324
8	The mechano-activated K+ channels TRAAK and TREK-1 control both warm and cold perception. EMBO Journal, 2009, 28, 1308-1318.	7.8	309
9	Chemosensitivity of fine afferents from rat skin in vitro. Journal of Neurophysiology, 1990, 63, 887-901.	1.8	298
10	Responsiveness and functional attributes of electrically localized terminals of cutaneous C-fibers in vivo and in vitro. Journal of Neurophysiology, 1992, 68, 581-595.	1.8	289
11	Sensory receptors in mammalian skin in an in vitro preparation. Neuroscience Letters, 1986, 66, 141-146.	2.1	272
12	A dominant role of acid pH in inflammatory excitation and sensitization of nociceptors in rat skin, in vitro. Journal of Neuroscience, 1995, 15, 3982-3989.	3.6	268
13	Selective excitation by capsaicin of mechano-heat sensitive nociceptors in rat skin. Brain Research, 1988, 446, 262-268.	2.2	242
14	Sensory and Signaling Mechanisms of Bradykinin, Eicosanoids, Platelet-Activating Factor, and Nitric Oxide in Peripheral Nociceptors. Physiological Reviews, 2012, 92, 1699-1775.	28.8	239
15	Chapter 8. Tissue acidosis in nociception and pain. Progress in Brain Research, 1996, 113, 143-151.	1.4	236
16	Pain due to tissue acidosis: a mechanism for inflammatory and ischemic myalgia?. Neuroscience Letters, 1996, 208, 191-194.	2.1	215
17	Does neurogenic inflammation alter the sensitivity of unmyelinated nociceptors in the rat?. Brain Research, 1986, 384, 42-50.	2.2	204
18	<i>Sox10</i> is required for Schwann cell identity and progression beyond the immature Schwann cell stage. Journal of Cell Biology, 2010, 189, 701-712.	5.2	198

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19	TRPA1 and Substance P Mediate Colitis in Mice. Gastroenterology, 2011, 141, 1346-1358.	1.3	197
20	Sustained graded pain and hyperalgesia from harmless experimental tissue acidosis in human skin. Neuroscience Letters, 1993, 154, 113-116.	2.1	181
21	Release of substance P, calcitonin gene-related peptide and prostaglandin E2 from rat dura mater encephali following electrical and chemical stimulation in vitro. Neuroscience, 1999, 89, 901-907.	2.3	178
22	The nociceptor sensitization by bradykinin does not depend on sympathetic neurons. Neuroscience, 1992, 46, 465-473.	2.3	174
23	Methylglyoxal Activates Nociceptors through Transient Receptor Potential Channel A1 (TRPA1). Journal of Biological Chemistry, 2012, 287, 28291-28306.	3.4	166
24	Pattern of monosynaptic Ia connections in the cat forelimb.. Journal of Physiology, 1989, 419, 321-351.	2.9	155
25	Phenotyping sensory nerve endings in vitro in the mouse. Nature Protocols, 2009, 4, 174-196.	12.0	152
26	Unresponsive afferent nerve fibres in the sural nerve of the rat.. Journal of Physiology, 1991, 435, 229-242.	2.9	151
27	Molecular physiology of proton transduction in nociceptors. Current Opinion in Pharmacology, 2001, 1, 45-51.	3.5	151
28	Variable sensitivity to noxious heat is mediated by differential expression of the CGRP gene. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 12938-12943.	7.1	151
29	Excitation of cutaneous afferent nerve endings in vitro by a combination of inflammatory mediators and conditioning effect of substance P. Experimental Brain Research, 1992, 91, 467-76.	1.5	144
30	The vanilloid receptor TRPV1 is activated and sensitized by local anesthetics in rodent sensory neurons. Journal of Clinical Investigation, 2008, 118, 763-76.	8.2	134
31	New mechanism underlying IL-31â€“induced atopic dermatitis. Journal of Allergy and Clinical Immunology, 2018, 141, 1677-1689.e8.	2.9	131
32	The effect of carrageenan-induced inflammation on the sensitivity of unmyelinated skin nociceptors in the rat. Pain, 1987, 29, 363-373.	4.2	130
33	Beyond H₂S and NO Interplay: Hydrogen Sulfide and Nitroprusside React Directly to Give Nitroxyl (HNO). A New Pharmacological Source of HNO. Journal of Medicinal Chemistry, 2013, 56, 1499-1508.	6.4	126
34	Actions of cholinergic agonists and antagonists on sensory nerve endings in rat skin, in vitro. Journal of Neurophysiology, 1993, 70, 397-405.	1.8	122
35	Sustained sensitization and recruitment of rat cutaneous nociceptors by bradykinin and a novel theory of its excitatory action. Journal of Physiology, 2001, 532, 229-239.	2.9	119
36	Rat peripheral nerve components release calcitonin gene-related peptide and prostaglandin E2 in response to noxious stimuli: evidence that nervi nervorum are nociceptors. Neuroscience, 1999, 92, 319-325.	2.3	117

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37	<i>Sox10</i> is required for Schwannâ€cell homeostasis and myelin maintenance in the adult peripheral nerve. Glia, 2011, 59, 1022-1032.	4.9	113
38	Interactions of inflammatory mediators stimulating release of calcitonin gene-related peptide, substance P and prostaglandin E2 from isolated rat skin. Neuropharmacology, 2001, 40, 416-423.	4.1	111
39	Sodium channelopathies and pain. Pflugers Archiv European Journal of Physiology, 2010, 460, 249-263.	2.8	110
40	Excitatory Nicotinic and Desensitizing Muscarinic (M2) Effects on C-Nociceptors in Isolated Rat Skin. Journal of Neuroscience, 2001, 21, 3295-3302.	3.6	108
41	Discharge patterns of afferent cutaneous nerve fibers from the rat's tail during prolonged noxious mechanical stimulation. Experimental Brain Research, 1987, 65, 493-504.	1.5	106
42	Pain due to experimental acidosis in human skin: evidence for non-adapting nociceptor excitation. Neuroscience Letters, 1995, 199, 29-32.	2.1	106
43	Inflammatory mediators potentiate pain induced by experimental tissue acidosis. Pain, 1996, 66, 163-170.	4.2	105
44	Activation of TRPM3 by a potent synthetic ligand reveals a role in peptide release. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E1363-72.	7.1	105
45	Inflammatory Mediators at Acidic pH Activate Capsaicin Receptors in Cultured Sensory Neurons From Newborn Rats. Journal of Neurophysiology, 1998, 79, 670-676.	1.8	103
46	Ciguatoxins activate specific cold pain pathways to elicit burning pain from cooling. EMBO Journal, 2012, 31, 3795-3808.	7.8	103
47	5,6-EET Is Released upon Neuronal Activity and Induces Mechanical Pain Hypersensitivity via TRPA1 on Central Afferent Terminals. Journal of Neuroscience, 2012, 32, 6364-6372.	3.6	103
48	Human TRPA1 is a heat sensor displaying intrinsic U-shaped thermosensitivity. Scientific Reports, 2016, 6, 28763.	3.3	103
49	Direct evidence for functional TRPV1/TRPA1 heteromers. Pflugers Archiv European Journal of Physiology, 2014, 466, 2229-2241.	2.8	98
50	Sensitization of nociceptive cutaneous nerve fibers from the rat's tail by noxious mechanical stimulation. Experimental Brain Research, 1987, 65, 505-12.	1.5	97
51	Calcitonin gene-related peptide and prostaglandin E2 but not substance P release induced by antidromic nerve stimulation from rat skin in vitro. Neuroscience, 1999, 89, 303-310.	2.3	95
52	Muscarinic receptor subtypes mediating central and peripheral antinociception studied with muscarinic receptor knockout mice. Life Sciences, 2003, 72, 2047-2054.	4.3	93
53	Local Anesthetic-like Inhibition of Voltage-gated Na+Channels by the Partial Î¼-opioid Receptor Agonist Buprenorphine. Anesthesiology, 2012, 116, 1335-1346.	2.5	88
54	Transient opening of the perineurial barrier for analgesic drug delivery. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E2018-27.	7.1	87

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55	Phenotyping the Function of TRPV1-Expressing Sensory Neurons by Targeted Axonal Silencing. Journal of Neuroscience, 2013, 33, 315-326.	3.6	86
56	Morphological evidence for functional capsaicin receptor expression and calcitonin gene-related peptide exocytosis in isolated peripheral nerve axons of the mouse. Neuroscience, 2004, 126, 585-590.	2.3	85
57	Role of sensory neurons in colitis: increasing evidence for a neuroimmune link in the gut. Inflammatory Bowel Diseases, 2011, 17, 1030-1033.	1.9	82
58	The Molecular Basis for Species-specific Activation of Human TRPA1 Protein by Protons Involves Poorly Conserved Residues within Transmembrane Domains 5 and 6. Journal of Biological Chemistry, 2013, 288, 20280-20292.	3.4	82
59	Receptors, cells and circuits involved in pruritus of systemic disorders. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 869-892.	3.8	82
60	Improved superfusion technique for rapid cooling or heating of cultured cells under patch-clamp conditions. Journal of Neuroscience Methods, 2006, 151, 178-185.	2.5	79
61	The General Anesthetic Propofol Excites Nociceptors by Activating TRPV1 and TRPA1 Rather than GABAA Receptors. Journal of Biological Chemistry, 2010, 285, 34781-34792.	3.4	79
62	Sensitized peripheral nociception in experimental diabetes of the rat. Pain, 2010, 151, 496-505.	4.2	78
63	Systemic desensitization through TRPA1 channels by capsazepine and mustard oil - a novel strategy against inflammation and pain. Scientific Reports, 2016, 6, 28621.	3.3	78
64	Rises in [Ca2+]imediate capsaicin- and proton-induced heat sensitization of rat primary nociceptive neurons. European Journal of Neuroscience, 1999, 11, 3143-3150.	2.6	77
65	The proximodistal aggravation of colitis depends on substance P released from TRPV1-expressing sensory neurons. Journal of Gastroenterology, 2012, 47, 256-265.	5.1	75
66	A technique for fast application of heated solutions of different composition to cultured neurones. Journal of Neuroscience Methods, 1998, 82, 195-201.	2.5	72
67	Heat-induced release of CGRP from isolated rat skin and effects of bradykinin and the protein kinase C activator PMA. Pain, 1999, 83, 289-295.	4.2	72
68	The interphase of the formalin test. Pain, 2014, 155, 511-521.	4.2	71
69	Protease Activated Receptors 1 and 4 Sensitize TRPV1 in Nociceptive Neurones. Molecular Pain, 2010, 6, 1744-8069-6-61.	2.1	69
70	Injection pain of rocuronium and vecuronium is evoked by direct activation of nociceptive nerve endings. European Journal of Anaesthesiology, 2003, 20, 245-253.	1.7	67
71	Muscarinic M2 Receptors on Peripheral Nerve Endings: A Molecular Target of Antinociception. Journal of Neuroscience, 2002, 22, RC229-RC229.	3.6	66
72	Photosensitization in Porphyrias and Photodynamic Therapy Involves TRPA1 and TRPV1. Journal of Neuroscience, 2016, 36, 5264-5278.	3.6	66

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73	Transient receptor potential melastatin 8 ion channel in macrophages modulates colitis through a balance-shift in TNF-alpha and interleukin-10 production. Mucosal Immunology, 2016, 9, 1500-1513.	6.0	65
74	Stable analogues of cyclic AMP but not cyclic GMP sensitize unmyelinated primary afferents in rat skin to heat stimulation but not to inflammatory mediators, in vitro. Neuroscience, 1996, 74, 609-617.	2.3	64
75	The TRPV1/2/3 activator 2-aminoethoxydiphenyl borate sensitizes native nociceptive neurons to heat in wildtype but not TRPV1 deficient mice. Neuroscience, 2005, 135, 1277-1284.	2.3	64
76	ATP can enhance the proton-induced CGRP release through P2Y receptors and secondary PGE2 release in isolated rat dura mater. Pain, 2002, 97, 259-265.	4.2	60
77	Protonâ€induced calcitonin geneâ€related peptide release from rat sciatic nerve axons, <i>in vitro</i>, involving TRPV1. European Journal of Neuroscience, 2003, 18, 803-810.	2.6	60
78	A high-threshold heat-activated channel in cultured rat dorsal root ganglion neurons resembles TRPV2 and is blocked by gadolinium. European Journal of Neuroscience, 2007, 26, 12-22.	2.6	60
79	Injection pain of rocuronium and vecuronium is evoked by direct activation of nociceptive nerve endings. European Journal of Anaesthesiology, 2003, 20, 245-253.	1.7	59
80	Streptozotocin Stimulates the Ion Channel TRPA1 Directly. Journal of Biological Chemistry, 2015, 290, 15185-15196.	3.4	59
81	HCN2 channels account for mechanical (but not heat) hyperalgesia during long-standing inflammation. Pain, 2014, 155, 1079-1090.	4.2	58
82	Nociceptor excitation by thermal sensitization â€" A hypothesis. Progress in Brain Research, 2000, 129, 39-50.	1.4	57
83	Substance P, calcitonin gene related peptide and PGE2 co-released from the mouse colon: a new model to study nociceptive and inflammatory responses in viscera, in vitro. Pain, 2001, 93, 213-219.	4.2	56
84	Recordings From Brain Stem Neurons Responding to Chemical Stimulation of the Subarachnoid Space. Journal of Neurophysiology, 1997, 77, 3122-3133.	1.8	55
85	Bupivacaineâ€induced cellular entry of <scp>QX</scp>â€314 and its contribution to differential nerve block. British Journal of Pharmacology, 2014, 171, 438-451.	5.4	55
86	Inflammatory pain control by blocking oxidized phospholipid-mediated TRP channel activation. Scientific Reports, 2017, 7, 5447.	3.3	53
87	Bradykininâ€induced nociceptor sensitization to heat is mediated by cyclooxygenase products in isolated rat skin. European Journal of Neuroscience, 2001, 14, 210-218.	2.6	52
88	TRPV1, TRPA1, and CB1 in the isolated vagus nerve â€" Axonal chemosensitivity and control of neuropeptide release. Neuropeptides, 2011, 45, 391-400.	2.2	52
89	Differential Contribution of TRPA1, TRPV4 and TRPM8 to Colonic Nociception in Mice. PLoS ONE, 2015, 10, e0128242.	2.5	52
90	An interaction of inflammatory mediators and protons in small diameter dorsal root ganglion neurons of the rat. Neuroscience Letters, 1997, 224, 37-40.	2.1	51

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91	Pro- and anti-inflammatory actions of ricinoleic acid: similarities and differences with capsaicin. Naunyn-Schmiedeberg's Archives of Pharmacology, 2001, 364, 87-95.	3.0	51
92	Analgesic treatment of ciguatoxin-induced cold allodynia. Pain, 2013, 154, 1999-2006.	4.2	51
93	Low pH facilitates capsaicin responses in isolated sensory neurons of the rat. Neuroscience Letters, 1996, 211, 5-8.	2.1	49
94	Topical acetylsalicylic, salicylic acid and indomethacin suppress pain from experimental tissue acidosis in human skin. Pain, 1995, 62, 339-347.	4.2	48
95	Noxious heatâ€induced CGRP release from rat sciatic nerve axons <i>in vitro</i>. European Journal of Neuroscience, 2001, 14, 1203-1208.	2.6	47
96	Calcitonin gene-related peptide release from intact isolated dorsal root and trigeminal ganglia. Neuropeptides, 2008, 42, 311-317.	2.2	47
97	Carrageenan inflammation increases bradykinin sensitivity of rat cutaneous nociceptors. Neuroscience Letters, 1990, 111, 206-210.	2.1	46
98	Role of nitric oxide in zymosan induced paw inflammation and thermal hyperalgesia. Inflammation Research, 2001, 50, 83-88.	4.0	46
99	Angiotensin II facilitates sympathetic transmission in rat hind limb circulation.. Hypertension, 1993, 21, 322-328.	2.7	45
100	Muscarinic M2 receptors inhibit heat-induced CGRP release from isolated rat skin. NeuroReport, 2001, 12, 2457-2460.	1.2	45
101	Differential effects of TRPV channel block on polymodal activation of rat cutaneous nociceptors in vitro. Experimental Brain Research, 2009, 196, 31-44.	1.5	45
102	Opposite effects of substance P and calcitonin gene-related peptide in oxazolone colitis. Digestive and Liver Disease, 2012, 44, 24-29.	0.9	45
103	Measurement of the analgesic effects of aspirin with a new experimental algesimetric procedure. Pain, 1988, 32, 215-222.	4.2	44
104	Scratching an itch. Nature Neuroscience, 2013, 16, 117-118.	14.8	44
105	Soluble Epoxide Hydrolase Limits Mechanical Hyperalgesia during Inflammation. Molecular Pain, 2011, 7, 1744-8069-7-78.	2.1	43
106	<scp>TRPA1</scp> and <scp>TRPV1</scp> are differentially involved in heat nociception of mice. European Journal of Pain, 2013, 17, 1472-1482.	2.8	43
107	Sensory Transduction in Peripheral Nerve Axons Elicits Ectopic Action Potentials. Journal of Neuroscience, 2008, 28, 6281-6284.	3.6	41
108	The anti-diabetic drug glibenclamide is an agonist of the transient receptor potential Ankyrin 1 (TRPA1) ion channel. European Journal of Pharmacology, 2013, 704, 15-22.	3.5	41

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109	Activated human platelets in plasma excite nociceptors in rat skin, in vitro. Neuroscience Letters, 1994, 170, 103-106.	2.1	38
110	The pH response of rat cutaneous nociceptors correlates with extracellular [Na+] and is increased under amiloride. European Journal of Neuroscience, 1999, 11, 2783-2792.	2.6	38
111	TRPV1 controls acidâ€•and heatâ€induced calcitonin geneâ€related peptide release and sensitization by bradykinin in the isolated mouse trachea. European Journal of Neuroscience, 2009, 29, 1896-1904.	2.6	38
112	Tonic Postganglionic Sympathetic Inhibition Induced by Afferent Renal Nerves?. Hypertension, 2012, 59, 467-476.	2.7	38
113	Bimodal Concentration-Response of Nicotine Involves the Nicotinic Acetylcholine Receptor, Transient Receptor Potential Vanilloid Type 1, and Transient Receptor Potential Ankyrin 1 Channels in Mouse Trachea and Sensory Neurons. Journal of Pharmacology and Experimental Therapeutics, 2013, 347, 529-539.	2.5	38
114	Conditioning of histamine by bradykinin alters responses of rat nociceptor and human itch sensation. Neuroscience Letters, 1993, 152, 117-120.	2.1	37
115	Sensitization to heat through G-protein-coupled receptor pathways in the isolated sciatic mouse nerve. European Journal of Neuroscience, 2007, 25, 3570-3575.	2.6	37
116	Inhibitory CB1 and activating/desensitizing TRPV1-mediated cannabinoid actions on CGRP release in rodent skin. Neuropeptides, 2011, 45, 229-237.	2.2	37
117	Amplified Cold Transduction in Native Nociceptors by M-Channel Inhibition. Journal of Neuroscience, 2013, 33, 16627-16641.	3.6	37
118	TRPA1 and TRPV1 Antagonists Do Not Inhibit Human Acidosis-Induced Pain. Journal of Pain, 2017, 18, 526-534.	1.4	37
119	Chapter 31 Sensory receptors in a mammalian skin â€“ nerve in vitro preparation. Progress in Brain Research, 1988, 74, 271-276.	1.4	36
120	Effects of TRPV1 receptor antagonists on stimulated iCGRP release from isolated skin of rats and TRPV1 mutant mice. Pain, 2004, 109, 284-290.	4.2	36
121	Role of different proton-sensitive channels in releasing calcitonin gene-related peptide from isolated hearts of mutant mice. Cardiovascular Research, 2005, 65, 405-410.	3.8	36
122	Establishment of myelinating schwann cells and barrier integrity between central and peripheral nervous systems depend on <i>Sox10</i>. Glia, 2012, 60, 806-819.	4.9	36
123	Cigarette smoke has sensory effects through nicotinic and TRPA1 but not TRPV1 receptors on the isolated mouse trachea and larynx. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L812-L820.	2.9	36
124	Quaternary Lidocaine Derivative QX-314 Activates and Permeates Human TRPV1 and TRPA1 to Produce Inhibition of Sodium Channels and Cytotoxicity. Anesthesiology, 2016, 124, 1153-1165.	2.5	35
125	Stimulated prostaglandin E2 release from rat skin, in vitro. Life Sciences, 1998, 62, 2045-2055.	4.3	33
126	Sodium Channel Na_v1.8 Underlies TTX-Resistant Axonal Action Potential Conduction in Somatosensory C-Fibers of Distal Cutaneous Nerves. Journal of Neuroscience, 2017, 37, 5204-5214.	3.6	33

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127	Mechanisms of potassium- and capsaicin-induced axonal calcitonin gene-related peptide release: Involvement of L- and T-type calcium channels and TRPV1 but not sodium channels. Neuroscience, 2008, 151, 836-842.	2.3	32
128	High Concentrations of Morphine Sensitize and Activate Mouse Dorsal Root Ganglia via TRPV1 and TRPA1 Receptors. Molecular Pain, 2009, 5, 1744-8069-5-17.	2.1	32
129	Location of motoneurones projecting to the cat distal forelimb. II. Median and ulnar motornuclei. Journal of Comparative Neurology, 1986, 244, 302-312.	1.6	31
130	Modulation of CGRP and PGE2 release from isolated rat skin by Î±-adrenoceptors and Î±-opioid-receptors. NeuroReport, 2001, 12, 2097-2100.	1.2	31
131	Do distinct populations of dorsal root ganglion neurons account for the sensory peptidergic innervation of the kidney?. American Journal of Physiology - Renal Physiology, 2009, 297, F1427-F1434.	2.7	31
132	A New Paradigm to Understand and Treat Diabetic Neuropathy. Experimental and Clinical Endocrinology and Diabetes, 2014, 122, 201-207.	1.2	31
133	Crotalphine desensitizes TRPA1 ion channels to alleviate inflammatory hyperalgesia. Pain, 2016, 157, 2504-2516.	4.2	31
134	Effects of classical algogens. Seminars in Neuroscience, 1995, 7, 221-226.	2.2	30
135	Dose-dependent competitive block by topical acetylsalicylic and salicylic acid of low pH-induced cutaneous pain. Pain, 1996, 64, 71-82.	4.2	29
136	Plasma levels after peroral and topical ibuprofen and effects upon low pHâ€induced cutaneous and muscle pain. European Journal of Pain, 2000, 4, 195-209.	2.8	28
137	Morphological characterization of rat Mas-related G-protein-coupled receptor C and functional analysis of agonists. Neuroscience, 2008, 151, 242-254.	2.3	27
138	Irritant Volatile Anesthetics Induce Neurogenic Inflammation Through TRPA1 and TRPV1 Channels in the Isolated Mouse Trachea. Anesthesia and Analgesia, 2015, 120, 467-471.	2.2	27
139	The roles of TRPV1, TRPA1 and TRPM8 channels in chemical and thermal sensitivity of the mouse oral mucosa. European Journal of Neuroscience, 2018, 47, 201-210.	2.6	27
140	Diltiazem blocks the PH-induced excitation of rat nociceptors together with their mechanical and electrical excitability in vitro. Journal of Neurophysiology, 1996, 75, 1-10.	1.8	26
141	More sensory competence for nociceptive neurons in culture. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 14995-14997.	7.1	26
142	Intracutaneous injections of platelets cause acute pain and protracted hyperalgesia. Neuroscience Letters, 1997, 226, 171-174.	2.1	26
143	NaV1.7 and pain: contribution of peripheral nerves. Pain, 2018, 159, 496-506.	4.2	26
144	Chemical Excitation and Sensitization of Nociceptors. , 1994, , 119-131.		26

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145	Electrophysiological characterization of vagal afferents relevant to mucosal nociception in the rat upper oesophagus. Journal of Physiology, 2007, 582, 229-242.	2.9	25
146	Interactions of inflammatory mediators and low pH not influenced by capsazepine in rat cutaneous nociceptors. NeuroReport, 2000, 11, 973-976.	1.2	24
147	Location of median and ulnar motornuclei in the cat. Neuroscience Letters, 1982, 30, 103-108.	2.1	23
148	An oral <scp>TRPV</scp>1 antagonist attenuates laser radiantâ€heatâ€evoked potentials and pain ratings from <scp>UV_B</scp>â€inflamed and normal skin. British Journal of Clinical Pharmacology, 2013, 75, 404-414.	2.4	23
149	Functional and structural characterization of axonal opioid receptors as targets for analgesia. Molecular Pain, 2016, 12, 174480691662873.	2.1	22
150	Lactate is a potent inhibitor of the capsaicin receptor TRPV1. Scientific Reports, 2016, 6, 36740.	3.3	22
151	Bradykinin-induced nociceptor sensitisation to heat depends on cox-1 and cox-2 in isolated rat skin. Pain, 2007, 130, 14-24.	4.2	20
152	Methylene blue induces ongoing activity in rat cutaneous primary afferents and depolarization of DRG neurons via a photosensitive mechanism. Naunyn-Schmiedeberg's Archives of Pharmacology, 1997, 356, 619-625.	3.0	19
153	Interactions of histamine and bradykinin on polymodal C-fibres in isolated rat skin. European Journal of Pain, 2001, 5, 97-106.	2.8	19
154	TRPA1 and TRPV1 are required for lidocaine-evoked calcium influx and neuropeptide release but not cytotoxicity in mouse sensory neurons. PLoS ONE, 2017, 12, e0188008.	2.5	19
155	Bitter taste signaling in tracheal epithelial brush cells elicits innate immune responses to bacterial infection. Journal of Clinical Investigation, 2022, 132, .	8.2	19
156	Effects of oxygen radicals on nociceptive afferents in the rat skin in vitro. Pain, 1995, 62, 87-94.	4.2	18
157	Responsiveness of C-fiber nociceptors to punctate force-controlled stimuli in isolated rat skin: lack of modulation by inflammatory mediators and flurbiprofen. Neuroscience Letters, 2004, 361, 163-167.	2.1	18
158	S(+)-flurbiprofen but not 5-HT1 agonists suppress basal and stimulated CGRP and PGE2 release from isolated rat dura mater. Pain, 2003, 103, 313-320.	4.2	17
159	Why cooling is beneficial: non-linear temperature-dependency of stimulated iCGRP release from isolated rat skin. Pain, 2004, 110, 215-219.	4.2	17
160	The tetrodotoxin-resistant Na+ channel Nav1.8 reduces the potency of local anesthetics in blocking C-fiber nociceptors. Pflugers Archiv European Journal of Physiology, 2010, 459, 751-763.	2.8	17
161	Heat-resistant action potentials require TTX-resistant sodium channels NaV1.8 and NaV1.9. Journal of General Physiology, 2018, 150, 1125-1144.	1.9	17
162	Reduced excitability and impaired nociception in peripheral unmyelinated fibers from Nav1.9-null mice. Pain, 2017, 158, 58-67.	4.2	16

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163	Ciguatoxins Evoke Potent CGRP Release by Activation of Voltage-Gated Sodium Channel Subtypes NaV1.9, NaV1.7 and NaV1.1. Marine Drugs, 2017, 15, 269.	4.6	16
164	Complementary roles of murine NaV1.7, NaV1.8 and NaV1.9 in acute itch signalling. Scientific Reports, 2020, 10, 2326.	3.3	16
165	Formalin Evokes Calcium Transients from the Endoplasmatic Reticulum. PLoS ONE, 2015, 10, e0123762.	2.5	16
166	Electrophysiological and Neurochemical Techniques to Investigate Sensory Neurons in Analgesia Research. Methods in Molecular Biology, 2010, 617, 237-259.	0.9	15
167	Analgesic Effect of Acetylsalicylic Acid (ASA) Versus a Lithium-ASA combination: An Evoked Potential Study Employing Radiant Heat Stimulation with a CO₂Laser. Pharmacopsychiatry, 1987, 20, 217-221.	3.3	14
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