

Theodore John Price

List of Publications by Year in descending order

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187
papers

10,349
citations

31902

53
h-index

48187

88
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221
all docs

221
docs citations

221
times ranked

9816
citing authors

#	ARTICLE	IF	CITATIONS
1	Cation-chloride cotransporters in neuronal development, plasticity and disease. <i>Nature Reviews Neuroscience</i> , 2014, 15, 637-654.	4.9	589
2	Comparative transcriptome profiling of the human and mouse dorsal root ganglia: an RNA-seq-based resource for pain and sensory neuroscience research. <i>Pain</i> , 2018, 159, 1325-1345.	2.0	306
3	Critical Evaluation of the Colocalization Between Calcitonin Gene-Related Peptide, Substance P, Transient Receptor Potential Vanilloid Subfamily Type 1 Immunoreactivities, and Isolectin B4 Binding in Primary Afferent Neurons of the Rat and Mouse. <i>Journal of Pain</i> , 2007, 8, 263-272.	0.7	245
4	Chloride regulation in the pain pathway. <i>Brain Research Reviews</i> , 2009, 60, 149-170.	9.1	220
5	Electrophysiological and transcriptomic correlates of neuropathic pain in human dorsal root ganglion neurons. <i>Brain</i> , 2019, 142, 1215-1226.	3.7	198
6	IL-6- and NGF-Induced Rapid Control of Protein Synthesis and Nociceptive Plasticity via Convergent Signaling to the eIF4F Complex. <i>Journal of Neuroscience</i> , 2010, 30, 15113-15123.	1.7	190
7	Targeting Adenosine Monophosphate-Activated Protein Kinase (AMPK) in Preclinical Models Reveals a Potential Mechanism for the Treatment of Neuropathic Pain. <i>Molecular Pain</i> , 2011, 7, 1744-8069-7-70.	1.0	189
8	Decreased Nociceptive Sensitization in Mice Lacking the Fragile X Mental Retardation Protein: Role of mGluR1/5 and mTOR. <i>Journal of Neuroscience</i> , 2007, 27, 13958-13967.	1.7	186
9	Engagement of descending inhibition from the rostral ventromedial medulla protects against chronic neuropathic pain. <i>Pain</i> , 2011, 152, 2701-2709.	2.0	186
10	Role of Cation-Chloride-Cotransporters (CCC) in Pain and Hyperalgesia. <i>Current Topics in Medicinal Chemistry</i> , 2005, 5, 547-555.	1.0	178
11	Pharmacogenetic Inhibition of eIF4E-Dependent Mmp9 mRNA Translation Reverses Fragile X Syndrome-like Phenotypes. <i>Cell Reports</i> , 2014, 9, 1742-1755.	2.9	174
12	Spatial transcriptomics of dorsal root ganglia identifies molecular signatures of human nociceptors. <i>Science Translational Medicine</i> , 2022, 14, eabj8186.	5.8	164
13	Resveratrol Engages AMPK to Attenuate ERK and mTOR Signaling in Sensory Neurons and Inhibits Incision-Induced Acute and Chronic Pain. <i>Molecular Pain</i> , 2012, 8, 1744-8069-8-5.	1.0	146
14	A Pain Research Agenda for the 21st Century. <i>Journal of Pain</i> , 2014, 15, 1203-1214.	0.7	145
15	The cannabinoid WIN 55,212-2 inhibits transient receptor potential vanilloid 1 (TRPV1) and evokes peripheral antihyperalgesia via calcineurin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 11393-11398.	3.3	142
16	Inhibition of Poly(A)-binding protein with a synthetic RNA mimic reduces pain sensitization in mice. <i>Nature Communications</i> , 2018, 9, 10.	5.8	135
17	Modulation of trigeminal sensory neuron activity by the dual cannabinoid-vanilloid agonists anandamide, N -arachidonoyl-dopamine and arachidonoyl-2-chloroethylamide. <i>British Journal of Pharmacology</i> , 2004, 141, 1118-1130.	2.7	132
18	The Anti-Diabetic Drug Metformin Protects against Chemotherapy-Induced Peripheral Neuropathy in a Mouse Model. <i>PLoS ONE</i> , 2014, 9, e100701.	1.1	132

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19	The neuronal distribution of cannabinoid receptor type 1 in the trigeminal ganglion of the rat. <i>Neuroscience</i> , 2003, 120, 155-162.	1.1	127
20	Cannabinoid WIN 55,212-2 Regulates TRPV1 Phosphorylation in Sensory Neurons. <i>Journal of Biological Chemistry</i> , 2006, 281, 32879-32890.	1.6	127
21	Quantitative differences in neuronal subpopulations between mouse and human dorsal root ganglia demonstrated with RNAscope in situ hybridization. <i>Pain</i> , 2020, 161, 2410-2424.	2.0	127
22	3D shape and 2D surface textures of human faces: the role of "averages" in attractiveness and age. <i>Image and Vision Computing</i> , 1999, 18, 9-19.	2.7	123
23	Treatment of trigeminal ganglion neurons in vitro with NGF, GDNF or BDNF: effects on neuronal survival, neurochemical properties and TRPV1-mediated neuropeptide secretion. <i>BMC Neuroscience</i> , 2005, 6, 4.	0.8	120
24	Commonalities Between Pain and Memory Mechanisms and Their Meaning for Understanding Chronic Pain. <i>Progress in Molecular Biology and Translational Science</i> , 2015, 131, 409-434.	0.9	117
25	Dural Calcitonin Gene-Related Peptide Produces Female-Specific Responses in Rodent Migraine Models. <i>Journal of Neuroscience</i> , 2019, 39, 4323-4331.	1.7	116
26	Spinal Protein Kinase M β Underlies the Maintenance Mechanism of Persistent Nociceptive Sensitization. <i>Journal of Neuroscience</i> , 2011, 31, 6646-6653.	1.7	114
27	Transition to chronic pain: opportunities for novel therapeutics. <i>Nature Reviews Neuroscience</i> , 2018, 19, 383-384.	4.9	113
28	Sensitization of Dural Afferents Underlies Migraine-Related Behavior following Meningeal Application of Interleukin-6 (IL-6). <i>Molecular Pain</i> , 2012, 8, 1744-8069-8-6.	1.0	112
29	Stretchable multichannel antennas in soft wireless optoelectronic implants for optogenetics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E8169-E8177.	3.3	111
30	Acetazolamide and midazolam act synergistically to inhibit neuropathic pain. <i>Pain</i> , 2010, 148, 302-308.	2.0	110
31	The antidiabetic drug metformin prevents and reverses neuropathic pain and spinal cord microglial activation in male but not female mice. <i>Pharmacological Research</i> , 2019, 139, 1-16.	3.1	108
32	The MNK-eIF4E Signaling Axis Contributes to Injury-Induced Nociceptive Plasticity and the Development of Chronic Pain. <i>Journal of Neuroscience</i> , 2017, 37, 7481-7499.	1.7	106
33	Nociceptor Translational Profiling Reveals the Ragulator-Rag GTPase Complex as a Critical Generator of Neuropathic Pain. <i>Journal of Neuroscience</i> , 2019, 39, 393-411.	1.7	95
34	Angiotensin II Triggers Peripheral Macrophage-to-Sensory Neuron Redox Crosstalk to Elicit Pain. <i>Journal of Neuroscience</i> , 2018, 38, 7032-7057.	1.7	92
35	Translational Control Mechanisms in Persistent Pain. <i>Trends in Neurosciences</i> , 2018, 41, 100-114.	4.2	91
36	Mycobacterium tuberculosis Sulfolipid-1 Activates Nociceptive Neurons and Induces Cough. <i>Cell</i> , 2020, 181, 293-305.e11.	13.5	88

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37	BDNF Regulates Atypical PKC at Spinal Synapses to Initiate and Maintain a Centralized Chronic Pain State. <i>Molecular Pain</i> , 2013, 9, 1744-8069-9-12.	1.0	86
38	Sigma 2 Receptor/Tmem97 Agonists Produce Long Lasting Antineuropathic Pain Effects in Mice. <i>ACS Chemical Neuroscience</i> , 2017, 8, 1801-1811.	1.7	86
39	ACE2 and SCARF expression in human dorsal root ganglion nociceptors: implications for SARS-CoV-2 virus neurological effects. <i>Pain</i> , 2020, 161, 2494-2501.	2.0	83
40	Neurobiology of SARS-CoV-2 interactions with the peripheral nervous system: implications for COVID-19 and pain. <i>Pain Reports</i> , 2021, 6, e885.	1.4	83
41	mTORC1 inhibition induces pain via IRS-1-dependent feedback activation of ERK. <i>Pain</i> , 2013, 154, 1080-1091.	2.0	79
42	The Pharmacology of Nociceptor Priming. <i>Handbook of Experimental Pharmacology</i> , 2015, 227, 15-37.	0.9	79
43	Studying human nociceptors: from fundamentals to clinic. <i>Brain</i> , 2021, 144, 1312-1335.	3.7	77
44	AMPK: An emerging target for modification of injury-induced pain plasticity. <i>Neuroscience Letters</i> , 2013, 557, 9-18.	1.0	75
45	The RNA binding and transport proteins staufen and fragile X mental retardation protein are expressed by rat primary afferent neurons and localize to peripheral and central axons. <i>Neuroscience</i> , 2006, 141, 2107-2116.	1.1	73
46	Protein expression and mRNA cellular distribution of the NKCC1 cotransporter in the dorsal root and trigeminal ganglia of the rat. <i>Brain Research</i> , 2006, 1112, 146-158.	1.1	70
47	Cannabinoid CB1 receptors are expressed in the mouse urinary bladder and their activation modulates afferent bladder activity. <i>Neuroscience</i> , 2009, 159, 1154-1163.	1.1	70
48	Ensuring transparency and minimization of methodologic bias in preclinical pain research. <i>Pain</i> , 2016, 157, 901-909.	2.0	70
49	Pharmacological target-focused transcriptomic analysis of native vs cultured human and mouse dorsal root ganglia. <i>Pain</i> , 2020, 161, 1497-1517.	2.0	67
50	From Mechanism to Cure: Renewing the Goal to Eliminate the Disease of Pain. <i>Pain Medicine</i> , 2018, 19, 1525-1549.	0.9	66
51	Differences between Dorsal Root and Trigeminal Ganglion Nociceptors in Mice Revealed by Translational Profiling. <i>Journal of Neuroscience</i> , 2019, 39, 6829-6847.	1.7	66
52	Translating nociceptor sensitivity: the role of axonal protein synthesis in nociceptor physiology. <i>European Journal of Neuroscience</i> , 2009, 29, 2253-2263.	1.2	65
53	Spinal Dopaminergic Projections Control the Transition to Pathological Pain Plasticity via a D ₁ /D ₅ -Mediated Mechanism. <i>Journal of Neuroscience</i> , 2015, 35, 6307-6317.	1.7	63
54	A Critical Role for Dopamine D5 Receptors in Pain Chronicity in Male Mice. <i>Journal of Neuroscience</i> , 2018, 38, 379-397.	1.7	62

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55	Type I Interferons Act Directly on Nociceptors to Produce Pain Sensitization: Implications for Viral Infection-Induced Pain. <i>Journal of Neuroscience</i> , 2020, 40, 3517-3532.	1.7	62
56	Non-invasive dural stimulation in mice: A novel preclinical model of migraine. <i>Cephalalgia</i> , 2019, 39, 123-134.	1.8	61
57	Neuropathic Pain Creates an Enduring Prefrontal Cortex Dysfunction Corrected by the Type II Diabetic Drug Metformin But Not by Gabapentin. <i>Journal of Neuroscience</i> , 2018, 38, 7337-7350.	1.7	60
58	Local Translation and Retrograde Axonal Transport of CREB Regulates IL-6-Induced Nociceptive Plasticity. <i>Molecular Pain</i> , 2014, 10, 1744-8069-10-45.	1.0	58
59	Protease-activated receptor 2 activation is sufficient to induce the transition to a chronic pain state. <i>Pain</i> , 2015, 156, 859-867.	2.0	57
60	Nasal administration of mitochondria reverses chemotherapy-induced cognitive deficits. <i>Theranostics</i> , 2021, 11, 3109-3130.	4.6	57
61	The CysLT ₂ R receptor mediates leukotriene C ₄ -driven acute and chronic itch. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	57
62	Prolactin Regulates Pain Responses via a Female-Selective Nociceptor-Specific Mechanism. <i>IScience</i> , 2019, 20, 449-465.	1.9	56
63	Transcriptomic sex differences in sensory neuronal populations of mice. <i>Scientific Reports</i> , 2020, 10, 15278.	1.6	56
64	Spinal NKCC1 Blockade Inhibits TRPV1-Dependent Referred Allodynia. <i>Molecular Pain</i> , 2007, 3, 1744-8069-3-17.	1.0	54
65	Extracellular phosphorylation of a receptor tyrosine kinase controls synaptic localization of NMDA receptors and regulates pathological pain. <i>PLoS Biology</i> , 2017, 15, e2002457.	2.6	54
66	The use of metformin is associated with decreased lumbar radiculopathy pain. <i>Journal of Pain Research</i> , 2013, 6, 755.	0.8	49
67	Group II mGluRs suppress hyperexcitability in mouse and human nociceptors. <i>Pain</i> , 2016, 157, 2081-2088.	2.0	49
68	Adenosine Monophosphate-activated Protein Kinase (AMPK) Activators For the Prevention, Treatment and Potential Reversal of Pathological Pain. <i>Current Drug Targets</i> , 2016, 17, 908-920.	1.0	49
69	Potential of evoked calcitonin gene-related peptide release from oral mucosa: a potential basis for the pro-inflammatory effects of nicotine. <i>European Journal of Neuroscience</i> , 2003, 18, 2515-2526.	1.2	48
70	Contribution of PKM η -dependent and independent amplification to components of experimental neuropathic pain. <i>Pain</i> , 2012, 153, 1263-1273.	2.0	47
71	Human cells and networks of pain: Transforming pain target identification and therapeutic development. <i>Neuron</i> , 2021, 109, 1426-1429.	3.8	47
72	Meningeal CGRP \times Prolactin Interaction Evokes Female-Specific Migraine Behavior. <i>Annals of Neurology</i> , 2021, 89, 1129-1144.	2.8	46

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73	Dural stimulation in rats causes brain-derived neurotrophic factorâ€‘dependent priming to subthreshold stimuli including a migraine trigger. <i>Pain</i> , 2016, 157, 2722-2730.	2.0	45
74	Activation of the integrated stress response in nociceptors drives methylglyoxal-induced pain. <i>Pain</i> , 2019, 160, 160-171.	2.0	45
75	Convergence of peptidergic and nonâ€‘peptidergic protein markers in the human dorsal root ganglion and spinal dorsal horn. <i>Journal of Comparative Neurology</i> , 2021, 529, 2771-2788.	0.9	44
76	Pharmacological interactions between calcium/calmodulin-dependent kinase II $\hat{\pm}$ and TRPV1 receptors in rat trigeminal sensory neurons. <i>Neuroscience Letters</i> , 2005, 389, 94-98.	1.0	42
77	Proteomic and Functional Annotation Analysis of Injured Peripheral Nerves Reveals ApoE as a Protein Upregulated by Injury that is Modulated by Metformin Treatment. <i>Molecular Pain</i> , 2013, 9, 1744-8069-9-14.	1.0	42
78	Protease activated receptor 2 (PAR2) activation causes migraine-like pain behaviors in mice. <i>Cephalalgia</i> , 2019, 39, 111-122.	1.8	42
79	Selfâ€‘injurious behaviour in intellectual disability syndromes: evidence for aberrant pain signalling as a contributing factor. <i>Journal of Intellectual Disability Research</i> , 2012, 56, 441-452.	1.2	41
80	Transient receptor potential canonical 5 mediates inflammatory mechanical and spontaneous pain in mice. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	41
81	Role of RVM neurons in capsaicinâ€‘evoked visceral nociception and referred hyperalgesia. <i>European Journal of Pain</i> , 2010, 14, 120.e1-9.	1.4	40
82	Pharmacological activation of AMPK inhibits incision-evoked mechanical hypersensitivity and the development of hyperalgesic priming in mice. <i>Neuroscience</i> , 2017, 359, 119-129.	1.1	40
83	Reversal of peripheral nerve injury-induced neuropathic pain and cognitive dysfunction via genetic and tomosertib targeting of MNK. <i>Neuropsychopharmacology</i> , 2020, 45, 524-533.	2.8	40
84	Sex Differences in Nociceptor Translatomes Contribute to Divergent Prostaglandin Signaling in Male and Female Mice. <i>Biological Psychiatry</i> , 2022, 91, 129-140.	0.7	40
85	A Female-Specific Role for Calcitonin Gene-Related Peptide (CGRP) in Rodent Pain Models. <i>Journal of Neuroscience</i> , 2022, 42, 1930-1944.	1.7	40
86	eIF4E-Dependent Translational Control: A Central Mechanism for Regulation of Pain Plasticity. <i>Frontiers in Genetics</i> , 2018, 9, 470.	1.1	39
87	Transcriptome Analysis of the Human Tibial Nerve Identifies Sexually Dimorphic Expression of Genes Involved in Pain, Inflammation, and Neuro-Immunity. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 37.	1.4	39
88	Cannabinoid receptor-independent actions of the aminoalkylindole WIN 55,212-2 on trigeminal sensory neurons. <i>British Journal of Pharmacology</i> , 2004, 142, 257-266.	2.7	38
89	Reversal of pancreatitis-induced pain by an orally available, small molecule interleukin-6 receptor antagonist. <i>Pain</i> , 2010, 151, 257-265.	2.0	38
90	Spinal Inhibition of P2XR or p38 Signaling Disrupts Hyperalgesic Priming in Male, but not Female, Mice. <i>Neuroscience</i> , 2018, 385, 133-142.	1.1	38

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91	Sex-stratified genome-wide association study of multisite chronic pain in UK Biobank. <i>PLoS Genetics</i> , 2021, 17, e1009428.	1.5	37
92	Oestrogen receptors interact with the $\hat{\iota}$ -catalytic subunit of AMP-activated protein kinase. <i>Bioscience Reports</i> , 2015, 35, .	1.1	36
93	eIF4E phosphorylation regulates ongoing pain, independently of inflammation, and hyperalgesic priming in the mouse CFA model. <i>Neurobiology of Pain (Cambridge, Mass)</i> , 2018, 4, 45-50.	1.0	36
94	Sex-dependent role of microglia in disulfide high mobility group box 1 protein-mediated mechanical hypersensitivity. <i>Pain</i> , 2021, 162, 446-458.	2.0	36
95	Inhibition of Carbonic Anhydrase Augments GABAA Receptor-Mediated Analgesia via a Spinal Mechanism of Action. <i>Journal of Pain</i> , 2014, 15, 395-406.	0.7	35
96	A pharmacological interactome between COVID-19 patient samples and human sensory neurons reveals potential drivers of neurogenic pulmonary dysfunction. <i>Brain, Behavior, and Immunity</i> , 2020, 89, 559-568.	2.0	35
97	Prolactin receptor expression in mouse dorsal root ganglia neuronal subtypes is sex-dependent. <i>Journal of Neuroendocrinology</i> , 2019, 31, e12759.	1.2	34
98	Neuroendocrine Mechanisms Governing Sex Differences in Hyperalgesic Priming Involve Prolactin Receptor Sensory Neuron Signaling. <i>Journal of Neuroscience</i> , 2020, 40, 7080-7090.	1.7	34
99	Pharmacological Manipulation of Translation as a Therapeutic Target for Chronic Pain. <i>Pharmacological Reviews</i> , 2021, 73, 59-88.	7.1	34
100	The novel PAR_2 ligand C_391 blocks multiple PAR_2 signalling pathways <i>in vitro</i> and <i>in vivo</i> . <i>British Journal of Pharmacology</i> , 2015, 172, 4535-4545.	2.7	33
101	eIF4E Phosphorylation Influences Bdnf mRNA Translation in Mouse Dorsal Root Ganglion Neurons. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 29.	1.8	33
102	Repetitive stress in mice causes migraine-like behaviors and calcitonin gene-related peptide-dependent hyperalgesic priming to a migraine trigger. <i>Pain</i> , 2020, 161, 2539-2550.	2.0	33
103	ZIPping to Pain Relief: The Role (or Not) of PKM $\hat{\iota}$ in Chronic Pain. <i>Molecular Pain</i> , 2013, 9, 1744-8069-9-6.	1.0	32
104	Inhibitory regulation of the pain gate and how its failure causes pathological pain. <i>Pain</i> , 2015, 156, 789-792.	2.0	32
105	Adult mouse sensory neurons on microelectrode arrays exhibit increased spontaneous and stimulus-evoked activity in the presence of interleukin-6. <i>Journal of Neurophysiology</i> , 2018, 120, 1374-1385.	0.9	32
106	A ligand-receptor interactome platform for discovery of pain mechanisms and therapeutic targets. <i>Science Signaling</i> , 2021, 14, .	1.6	32
107	Potent Agonists of the Protease Activated Receptor 2 (PAR_2). <i>Journal of Medicinal Chemistry</i> , 2011, 54, 1308-1313.	2.9	31
108	Ultrafast Near-Infrared Light-Triggered Intracellular Uncaging to Probe Cell Signaling. <i>Advanced Functional Materials</i> , 2017, 27, 1605778.	7.8	31

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109	A role for the anandamide membrane transporter in TRPV1-mediated neurosecretion from trigeminal sensory neurons. <i>Neuropharmacology</i> , 2005, 49, 25-39.	2.0	30
110	Competing molecular interactions of aPKC isoforms regulate neuronal polarity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 14450-14455.	3.3	30
111	Alleviation of paclitaxel-induced mechanical hypersensitivity and hyperalgesic priming with AMPK activators in male and female mice. <i>Neurobiology of Pain (Cambridge, Mass)</i> , 2019, 6, 100037.	1.0	30
112	Transcriptomic analysis of human sensory neurons in painful diabetic neuropathy reveals inflammation and neuronal loss. <i>Scientific Reports</i> , 2022, 12, 4729.	1.6	30
113	Targeting AMPK for the Alleviation of Pathological Pain. <i>Exs</i> , 2016, 107, 257-285.	1.4	29
114	Piperidinyl thiazole isoxazolines: A new series of highly potent, slowly reversible FAAH inhibitors with analgesic properties. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 2965-2973.	1.0	29
115	Sex- and cell-dependent contribution of peripheral high mobility group box 1 and TLR4 in arthritis-induced pain. <i>Pain</i> , 2021, 162, 459-470.	2.0	29
116	Neuroigin 2 regulates spinal GABAergic plasticity in hyperalgesic priming, a model of the transition from acute to chronic pain. <i>Pain</i> , 2016, 157, 1314-1324.	2.0	27
117	Development of highly potent protease-activated receptor 2 agonists via synthetic lipid tethering. <i>FASEB Journal</i> , 2013, 27, 1498-1510.	0.2	26
118	Evaluation of the neonatal streptozotocin model of diabetes in rats: Evidence for a model of neuropathic pain. <i>Pharmacological Reports</i> , 2018, 70, 294-303.	1.5	26
119	The Protease-activated Receptor-2-specific Agonists 2-Aminothiazol-4-yl-LIGRL-NH2 and 6-Aminonicotinyl-LIGRL-NH2 Stimulate Multiple Signaling Pathways to Induce Physiological Responses in Vitro and in Vivo. <i>Journal of Biological Chemistry</i> , 2011, 286, 19076-19088.	1.6	25
120	Bidirectional regulation of P body formation mediated by eIF4F complex formation in sensory neurons. <i>Neuroscience Letters</i> , 2014, 563, 169-174.	1.0	25
121	Temporal and sex differences in the role of BDNF/TrkB signaling in hyperalgesic priming in mice and rats. <i>Neurobiology of Pain (Cambridge, Mass)</i> , 2019, 5, 100024.	1.0	25
122	Organ-specific, multimodal, wireless optoelectronics for high-throughput phenotyping of peripheral neural pathways. <i>Nature Communications</i> , 2021, 12, 157.	5.8	25
123	IL-6 induced upregulation of T-type Ca ²⁺ currents and sensitization of DRG nociceptors is attenuated by MNK inhibition. <i>Journal of Neurophysiology</i> , 2020, 124, 274-283.	0.9	24
124	Sex-dependent pronociceptive role of spinal δ -GABA _A receptor and its epigenetic regulation in neuropathic rodents. <i>Journal of Neurochemistry</i> , 2021, 156, 897-916.	2.1	24
125	Evolution: The Advantage of "Maladaptive" Pain Plasticity. <i>Current Biology</i> , 2014, 24, R384-R386.	1.8	22
126	A Genetic Locus on Chromosome 2q24 Predicting Peripheral Neuropathy Risk in Type 2 Diabetes: Results From the ACCORD and BARI 2D Studies. <i>Diabetes</i> , 2019, 68, 1649-1662.	0.3	22

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127	Modulation of Spinal GABAergic Analgesia by Inhibition of Chloride Extrusion Capacity in Mice. <i>Journal of Pain</i> , 2012, 13, 546-554.	0.7	21
128	Indirect AMP-Activated Protein Kinase Activators Prevent Incision-Induced Hyperalgesia and Block Hyperalgesic Priming, Whereas Positive Allosteric Modulators Block Only Priming in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 371, 138-150.	1.3	21
129	Transient Photoinactivation of Cell Membrane Protein Activity without Genetic Modification by Molecular Hyperthermia. <i>ACS Nano</i> , 2019, 13, 12487-12499.	7.3	21
130	Anthrax toxins regulate pain signaling and can deliver molecular cargoes into ANTXR2+ DRG sensory neurons. <i>Nature Neuroscience</i> , 2022, 25, 168-179.	7.1	20
131	Meningeal norepinephrine produces headache behaviors in rats via actions both on dural afferents and fibroblasts. <i>Cephalgia</i> , 2015, 35, 1054-1064.	1.8	19
132	Predominant role of spinal P2Y 1 receptors in the development of neuropathic pain in rats. <i>Brain Research</i> , 2016, 1636, 43-51.	1.1	19
133	Emerging neurotechnology for antinoceptive mechanisms and therapeutics discovery. <i>Biosensors and Bioelectronics</i> , 2019, 126, 679-689.	5.3	19
134	Rapamycin inhibition of mTORC1 reverses lithium-induced proliferation of renal collecting duct cells. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 305, F1201-F1208.	1.3	18
135	Recent advances toward understanding the mysteries of the acute to chronic pain transition. <i>Current Opinion in Physiology</i> , 2019, 11, 42-50.	0.9	18
136	The cellular basis of protease activated receptor type 2 (PAR2) evoked mechanical and affective pain. <i>JCI Insight</i> , 2020, 5, .	2.3	18
137	Therapeutic opportunities for pain medicines via targeting of specific translation signaling mechanisms. <i>Neurobiology of Pain (Cambridge, Mass)</i> , 2018, 4, 8-19.	1.0	17
138	Development and Evaluation of Small Peptidomimetic Ligands to Protease-Activated Receptor-2 (PAR2) through the Use of Lipid Tethering. <i>PLoS ONE</i> , 2014, 9, e99140.	1.1	16
139	eIF4E phosphorylation modulates pain and neuroinflammation in the aged. <i>GeroScience</i> , 2020, 42, 1663-1674.	2.1	16
140	The AMPK Activator A769662 Blocks Voltage-Gated Sodium Channels: Discovery of a Novel Pharmacophore with Potential Utility for Analgesic Development. <i>PLoS ONE</i> , 2017, 12, e0169882.	1.1	16
141	Activating transcription factor 3 mRNA is upregulated in primary cultures of trigeminal ganglion neurons. <i>Molecular Brain Research</i> , 2003, 118, 156-159.	2.5	15
142	Lanthanide Labeling of a Potent Protease Activated Receptor-2 Agonist for Time-Resolved Fluorescence Analysis. <i>Bioconjugate Chemistry</i> , 2012, 23, 2098-2104.	1.8	15
143	Fragile X Mental Retardation Protein (FMRP) and the Spinal Sensory System. <i>Results and Problems in Cell Differentiation</i> , 2012, 54, 41-59.	0.2	15
144	Interleukin-6 induces spatially dependent whole-body hypersensitivity in rats: implications for extracephalic hypersensitivity in migraine. <i>Journal of Headache and Pain</i> , 2021, 22, 70.	2.5	14

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145	Molecular, circuit, and anatomical changes in the prefrontal cortex in chronic pain. <i>Pain</i> , 2020, 161, 1726-1729.	2.0	13
146	Sex differences in the role of atypical PKC within the basolateral nucleus of the amygdala in a mouse hyperalgesic priming model. <i>Neurobiology of Pain (Cambridge, Mass)</i> , 2020, 8, 100049.	1.0	13
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