

# Theodore John Price

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

185  
papers

6,871  
citations

45  
h-index

76  
g-index

221  
ext. papers

8,835  
ext. citations

6.5  
avg, IF

6.24  
L-index

#	Paper	IF	Citations
185	A female-specific role for Calcitonin Gene-Related Peptide (CGRP) in rodent pain models.. <i>Journal of Neuroscience</i> , <b>2022</b> ,	6.6	2
184	Evaluation of calcium-sensitive adenylyl cyclase AC1 and AC8 mRNA expression in the anterior cingulate cortex of mice with spared nerve injury neuropathy.. <i>Neurobiology of Pain (Cambridge, Mass )</i> , <b>2022</b> , 11, 100081	4	1
183	RNA sequencing on muscle biopsy from a 5-week bed rest study reveals the effect of exercise and potential interactions with dorsal root ganglion neurons.. <i>Physiological Reports</i> , <b>2022</b> , 10, e15176	2.6	1
182	Sex Differences in Nociceptor Translatomes Contribute to Divergent Prostaglandin Signaling in Male and Female Mice. <i>Biological Psychiatry</i> , <b>2022</b> , 91, 129-140	7.9	12
181	Spatial transcriptomics of dorsal root ganglia identifies molecular signatures of human nociceptors.. <i>Science Translational Medicine</i> , <b>2022</b> , 14, eabj8186	17.5	11
180	Transcriptomic analysis of human sensory neurons in painful diabetic neuropathy reveals inflammation and neuronal loss.. <i>Scientific Reports</i> , <b>2022</b> , 12, 4729	4.9	2
179	Basic mechanisms and pathophysiology <b>2022</b> , 25-39		
178	Face detection and grimace scale prediction of white furred mice. <i>Machine Learning With Applications</i> , <b>2022</b> , 8, 100312	6.5	0
177	Using Translating Ribosome Affinity Purification (TRAP) to Understand Cell-Specific Translatomes in Pain States. <i>Neuromethods</i> , <b>2022</b> , 51-70	0.4	
176	Pharmacological Manipulation of Translation as a Therapeutic Target for Chronic Pain. <i>Pharmacological Reviews</i> , <b>2021</b> , 73, 59-88	22.5	8
175	protein synthesis is necessary for priming in preclinical models of migraine. <i>Cephalalgia</i> , <b>2021</b> , 41, 237-246	6.1	2
174	Novel proteinase-activated receptor-2 (PAR2) antagonist C391 inhibits Alternaria-induced human airway epithelial signaling in vitro and asthma indicators in acute exposure murine models. <i>British Journal of Pharmacology</i> , <b>2021</b> ,	8.6	1
173	Alternaria alternata-induced airway epithelial signaling and inflammatory responses via protease-activated receptor-2 expression.. <i>Biochemical and Biophysical Research Communications</i> , <b>2021</b> , 591, 13-19	3.4	1
172	Sex-dependent role of microglia in disulfide high mobility group box 1 protein-mediated mechanical hypersensitivity. <i>Pain</i> , <b>2021</b> , 162, 446-458	8	13
171	The CysLTR receptor mediates leukotriene C-driven acute and chronic itch. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	10
170	A ligand-receptor interactome platform for discovery of pain mechanisms and therapeutic targets. <i>Science Signaling</i> , <b>2021</b> , 14,	8.8	10
169	Sex-stratified genome-wide association study of multisite chronic pain in UK Biobank. <i>PLoS Genetics</i> , <b>2021</b> , 17, e1009428	6	11

168	Meningeal CGRP-Prolactin Interaction Evokes Female-Specific Migraine Behavior. <i>Annals of Neurology</i> , <b>2021</b> , 89, 1129-1144	9.4	16
167	Human cells and networks of pain: Transforming pain target identification and therapeutic development. <i>Neuron</i> , <b>2021</b> , 109, 1426-1429	13.9	18
166	Transient receptor potential canonical 5 mediates inflammatory mechanical and spontaneous pain in mice. <i>Science Translational Medicine</i> , <b>2021</b> , 13,	17.5	8
165	Diversity of Receptor Expression in Central and Peripheral Mouse Neurons Estimated from Single Cell RNA Sequencing. <i>Neuroscience</i> , <b>2021</b> , 463, 86-96	3.9	4
164	Studying human nociceptors: from fundamentals to clinic. <i>Brain</i> , <b>2021</b> , 144, 1312-1335	11.2	12
163	A Role for Protease Activated Receptor Type 3 (PAR3) in Nociception Demonstrated Through Development of a Novel Peptide Agonist. <i>Journal of Pain</i> , <b>2021</b> , 22, 692-706	5.2	2
162	Interleukin-6 induces spatially dependent whole-body hypersensitivity in rats: implications for extracephalic hypersensitivity in migraine. <i>Journal of Headache and Pain</i> , <b>2021</b> , 22, 70	8.8	2
161	Intercellular Arc Signaling Regulates Vasodilation. <i>Journal of Neuroscience</i> , <b>2021</b> , 41, 7712-7726	6.6	2
160	Sex-dependent pronociceptive role of spinal $\beta$ GABA receptor and its epigenetic regulation in neuropathic rodents. <i>Journal of Neurochemistry</i> , <b>2021</b> , 156, 897-916	6	9
159	Sex- and cell-dependent contribution of peripheral high mobility group box 1 and TLR4 in arthritis-induced pain. <i>Pain</i> , <b>2021</b> , 162, 459-470	8	10
158	Nasal administration of mitochondria reverses chemotherapy-induced cognitive deficits. <i>Theranostics</i> , <b>2021</b> , 11, 3109-3130	12.1	14
157	A peptide encoded within a 5' untranslated region promotes pain sensitization in mice. <i>Pain</i> , <b>2021</b> , 162, 1864-1875	8	2
156	Organ-specific, multimodal, wireless optoelectronics for high-throughput phenotyping of peripheral neural pathways. <i>Nature Communications</i> , <b>2021</b> , 12, 157	17.4	12
155	Convergence of peptidergic and non-peptidergic protein markers in the human dorsal root ganglion and spinal dorsal horn. <i>Journal of Comparative Neurology</i> , <b>2021</b> , 529, 2771-2788	3.4	10
154	Neurobiology of SARS-CoV-2 interactions with the peripheral nervous system: implications for COVID-19 and pain. <i>Pain Reports</i> , <b>2021</b> , 6, e885	3.5	30
153	Anthrax toxins regulate pain signaling and can deliver molecular cargoes into ANTXR2 DRG sensory neurons. <i>Nature Neuroscience</i> , <b>2021</b> ,	25.5	3
152	IL-6 induced upregulation of T-type Ca currents and sensitization of DRG nociceptors is attenuated by MNK inhibition. <i>Journal of Neurophysiology</i> , <b>2020</b> , 124, 274-283	3.2	3
151	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> , <b>2020</b> , 89, 559-568	16.6	19

150	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> , <b>2020</b> , 8, 100049	4	5
149	Type I Interferons Act Directly on Nociceptors to Produce Pain Sensitization: Implications for Viral Infection-Induced Pain. <i>Journal of Neuroscience</i> , <b>2020</b> , 40, 3517-3532	6.6	21
148	Mycobacterium tuberculosis Sulfolipid-1 Activates Nociceptive Neurons and Induces Cough. <i>Cell</i> , <b>2020</b> , 181, 293-305.e11	56.2	47
147	eIF4E phosphorylation modulates pain and neuroinflammation in the aged. <i>GeroScience</i> , <b>2020</b> , 42, 1663-1674	8.7	8
146	Pharmacological target-focused transcriptomic analysis of native vs cultured human and mouse dorsal root ganglia. <i>Pain</i> , <b>2020</b> , 161, 1497-1517	8	30
145	Machine Learning Enabled Adaptive Wireless Power Transmission System for Neuroscience Study <b>2020</b> ,		1
144	The cellular basis of protease-activated receptor 2-evoked mechanical and affective pain. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	5
143	The Future of Pain Therapeutics <b>2020</b> , 895-915		
142	A Pharmacological Interactome between COVID-19 Patient Samples and Human Sensory Neurons Reveals Potential Drivers of Neurogenic Pulmonary Dysfunction. <i>SSRN Electronic Journal</i> , <b>2020</b> , 3581446 <sup>1</sup>		3
141	Quantitative differences in neuronal subpopulations between mouse and human dorsal root ganglia demonstrated with RNAscope in situ hybridization. <i>Pain</i> , <b>2020</b> , 161, 2410-2424	8	33
140	ACE2 and SCARF expression in human dorsal root ganglion nociceptors: implications for SARS-CoV-2 virus neurological effects. <i>Pain</i> , <b>2020</b> , 161, 2494-2501	8	42
139	Molecular, circuit, and anatomical changes in the prefrontal cortex in chronic pain. <i>Pain</i> , <b>2020</b> , 161, 1726-1729	8.729	9
138	Neuroendocrine Mechanisms Governing Sex Differences in Hyperalgesic Priming Involve Prolactin Receptor Sensory Neuron Signaling. <i>Journal of Neuroscience</i> , <b>2020</b> , 40, 7080-7090	6.6	10
137	The importins of pain. <i>Science</i> , <b>2020</b> , 369, 774-775	33.3	0
136	Repetitive stress in mice causes migraine-like behaviors and calcitonin gene-related peptide-dependent hyperalgesic priming to a migraine trigger. <i>Pain</i> , <b>2020</b> , 161, 2539-2550	8	12
135	Transcriptomic sex differences in sensory neuronal populations of mice. <i>Scientific Reports</i> , <b>2020</b> , 10, 15278	7.89	11
134	Reversal of peripheral nerve injury-induced neuropathic pain and cognitive dysfunction via genetic and tomivosertib targeting of MNK. <i>Neuropsychopharmacology</i> , <b>2020</b> , 45, 524-533	8.7	25
133	MNK-eIF4E signalling is a highly conserved mechanism for sensory neuron axonal plasticity: evidence from. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2019</b> , 374, 20190289 <sup>5.8</sup>		4

132	Neuroscience: A Male-Specific Pain Memory Mechanism. <i>Current Biology</i> , <b>2019</b> , 29, R50-R52	6.3	0
131	AMPK activation regulates P-body dynamics in mouse sensory neurons and. <i>Neurobiology of Pain (Cambridge, Mass)</i> , <b>2019</b> , 5, 100026-100026	4	6
130	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> , <b>2019</b> , 68, 1649-1662	0.9	15
129	Prolactin receptor expression in mouse dorsal root ganglia neuronal subtypes is sex-dependent. <i>Journal of Neuroendocrinology</i> , <b>2019</b> , 31, e12759	3.8	14
128	Recent advances toward understanding the mysteries of the acute to chronic pain transition. <i>Current Opinion in Physiology</i> , <b>2019</b> , 11, 42-50	2.6	8
127	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> , <b>2019</b> , 12, 37	6.1	20
126	Electrophysiological and transcriptomic correlates of neuropathic pain in human dorsal root ganglion neurons. <i>Brain</i> , <b>2019</b> , 142, 1215-1226	11.2	110
125	Dural Calcitonin Gene-Related Peptide Produces Female-Specific Responses in Rodent Migraine Models. <i>Journal of Neuroscience</i> , <b>2019</b> , 39, 4323-4331	6.6	63
124	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> , <b>2019</b> , 5, 100024	4	9
123	Protease activated receptor 2 (PAR2) activation causes migraine-like pain behaviors in mice. <i>Cephalalgia</i> , <b>2019</b> , 39, 111-122	6.1	25
122	Non-invasive dural stimulation in mice: A novel preclinical model of migraine. <i>Cephalalgia</i> , <b>2019</b> , 39, 123-134	6.34	38
121	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> , <b>2019</b> , 371, 138-150	4.7	8
120	Differences between Dorsal Root and Trigeminal Ganglion Nociceptors in Mice Revealed by Translational Profiling. <i>Journal of Neuroscience</i> , <b>2019</b> , 39, 6829-6847	6.6	35
119	Transient Photoinactivation of Cell Membrane Protein Activity without Genetic Modification by Molecular Hyperthermia. <i>ACS Nano</i> , <b>2019</b> , 13, 12487-12499	16.7	8
118	Prolactin Regulates Pain Responses via a Female-Selective Nociceptor-Specific Mechanism. <i>iScience</i> , <b>2019</b> , 20, 449-465	6.1	30
117	Alleviation of paclitaxel-induced mechanical hypersensitivity and hyperalgesic priming with AMPK activators in male and female mice. <i>Neurobiology of Pain (Cambridge, Mass)</i> , <b>2019</b> , 6, 100037	4	13
116	Activation of the integrated stress response in nociceptors drives methylglyoxal-induced pain. <i>Pain</i> , <b>2019</b> , 160, 160-171	8	25
115	Emerging neurotechnology for antinociceptive mechanisms and therapeutics discovery. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 126, 679-689	11.8	6

114	Nociceptor Translational Profiling Reveals the Regulator-Rag GTPase Complex as a Critical Generator of Neuropathic Pain. <i>Journal of Neuroscience</i> , <b>2019</b> , 39, 393-411	6.6	57
113	The antidiabetic drug metformin prevents and reverses neuropathic pain and spinal cord microglial activation in male but not female mice. <i>Pharmacological Research</i> , <b>2019</b> , 139, 1-16	10.2	60
112	Inhibition of Poly(A)-binding protein with a synthetic RNA mimic reduces pain sensitization in mice. <i>Nature Communications</i> , <b>2018</b> , 9, 10	17.4	78
111	eIF4E phosphorylation regulates ongoing pain, independently of inflammation, and hyperalgesic priming in the mouse CFA model. <i>Neurobiology of Pain (Cambridge, Mass)</i> , <b>2018</b> , 4, 45-50	4	21
110	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> , <b>2018</b> , 159, 1325-1345	8	155
109	From Mechanism to Cure: Renewing the Goal to Eliminate the Disease of Pain. <i>Pain Medicine</i> , <b>2018</b> , 19, 1525-1549	2.8	31
108	Evaluation of the neonatal streptozotocin model of diabetes in rats: Evidence for a model of neuropathic pain. <i>Pharmacological Reports</i> , <b>2018</b> , 70, 294-303	3.9	17
107	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> , <b>2018</b> , 120, 1374-1385	3.2	19
106	eIF4E Phosphorylation Influences mRNA Translation in Mouse Dorsal Root Ganglion Neurons. <i>Frontiers in Cellular Neuroscience</i> , <b>2018</b> , 12, 29	6.1	22
105	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> , <b>2018</b> , 38, 7337-7350	6.6	34
104	Therapeutic opportunities for pain medicines via targeting of specific translation signaling mechanisms. <i>Neurobiology of Pain (Cambridge, Mass)</i> , <b>2018</b> , 4, 8-19	4	12
103	A Critical Role for Dopamine D5 Receptors in Pain Chronicity in Male Mice. <i>Journal of Neuroscience</i> , <b>2018</b> , 38, 379-397	6.6	45
102	Translational Control Mechanisms in Persistent Pain. <i>Trends in Neurosciences</i> , <b>2018</b> , 41, 100-114	13.3	58
101	eIF4E-Dependent Translational Control: A Central Mechanism for Regulation of Pain Plasticity. <i>Frontiers in Genetics</i> , <b>2018</b> , 9, 470	4.5	20
100	Transition to chronic pain: opportunities for novel therapeutics. <i>Nature Reviews Neuroscience</i> , <b>2018</b> , 19, 383-384	13.5	69
99	Angiotensin II Triggers Peripheral Macrophage-to-Sensory Neuron Redox Crosstalk to Elicit Pain. <i>Journal of Neuroscience</i> , <b>2018</b> , 38, 7032-7057	6.6	52
98	Spinal Inhibition of P2XR or p38 Signaling Disrupts Hyperalgesic Priming in Male, but not Female, Mice. <i>Neuroscience</i> , <b>2018</b> , 385, 133-142	3.9	26
97	Ultrafast Near-Infrared Light-triggered Intracellular Uncaging to Probe Cell Signaling. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1605778	15.6	22

96	Extracellular phosphorylation of a receptor tyrosine kinase controls synaptic localization of NMDA receptors and regulates pathological pain. <i>PLoS Biology</i> , <b>2017</b> , 15, e2002457	9.7	34
95	Pharmacological activation of AMPK inhibits incision-evoked mechanical hypersensitivity and the development of hyperalgesic priming in mice. <i>Neuroscience</i> , <b>2017</b> , 359, 119-129	3.9	27
94	Sigma 2 Receptor/Tmem97 Agonists Produce Long Lasting Antineuropathic Pain Effects in Mice. <i>ACS Chemical Neuroscience</i> , <b>2017</b> , 8, 1801-1811	5.7	53
93	The MNK-eIF4E Signaling Axis Contributes to Injury-Induced Nociceptive Plasticity and the Development of Chronic Pain. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 7481-7499	6.6	70
92	The AMPK Activator A769662 Blocks Voltage-Gated Sodium Channels: Discovery of a Novel Pharmacophore with Potential Utility for Analgesic Development. <i>PLoS ONE</i> , <b>2017</b> , 12, e0169882	3.7	13
91	Targeting AMPK for the Alleviation of Pathological Pain. <i>Exs</i> , <b>2016</b> , 107, 257-285		22
90	The potent, indirect adenosine monophosphate- activated protein kinase activator R419 attenuates mitogen-activated protein kinase signaling, inhibits nociceptor excitability, and reduces pain hypersensitivity in mice. <i>Pain Reports</i> , <b>2016</b> , 1,	3.5	11
89	Dural stimulation in rats causes brain-derived neurotrophic factor-dependent priming to subthreshold stimuli including a migraine trigger. <i>Pain</i> , <b>2016</b> , 157, 2722-2730	8	32
88	Group II mGluRs suppress hyperexcitability in mouse and human nociceptors. <i>Pain</i> , <b>2016</b> , 157, 2081-2088		30
87	Piperidiny l thiazole isoxazolines: A new series of highly potent, slowly reversible FAAH inhibitors with analgesic properties. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2016</b> , 26, 2965-2973	2.9	21
86	Adenosine Monophosphate-activated Protein Kinase (AMPK) Activators For the Prevention, Treatment and Potential Reversal of Pathological Pain. <i>Current Drug Targets</i> , <b>2016</b> , 17, 908-20	3	36
85	Ensuring transparency and minimization of methodologic bias in preclinical pain research: PPRECISE considerations. <i>Pain</i> , <b>2016</b> , 157, 901-909	8	59
84	Neurologin 2 regulates spinal GABAergic plasticity in hyperalgesic priming, a model of the transition from acute to chronic pain. <i>Pain</i> , <b>2016</b> , 157, 1314-1324	8	20
83	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> , <b>2016</b> , 113, E8169-E8177 <sup>11.5</sup>		84
82	Predominant role of spinal P2Y1 receptors in the development of neuropathic pain in rats. <i>Brain Research</i> , <b>2016</b> , 1636, 43-51	3.7	13
81	Protease-activated receptor 2 activation is sufficient to induce the transition to a chronic pain state. <i>Pain</i> , <b>2015</b> , 156, 859-867	8	35
80	Inhibitory regulation of the pain gate and how its failure causes pathological pain. <i>Pain</i> , <b>2015</b> , 156, 789-792		23
79	The pharmacology of nociceptor priming. <i>Handbook of Experimental Pharmacology</i> , <b>2015</b> , 227, 15-37	3.2	56

78	Spinal dopaminergic projections control the transition to pathological pain plasticity via a D1/D5-mediated mechanism. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 6307-17	6.6	45
77	Commonalities between pain and memory mechanisms and their meaning for understanding chronic pain. <i>Progress in Molecular Biology and Translational Science</i> , <b>2015</b> , 131, 409-34	4	88
76	The novel PAR2 ligand C391 blocks multiple PAR2 signalling pathways in vitro and in vivo. <i>British Journal of Pharmacology</i> , <b>2015</b> , 172, 4535-4545	8.6	27
75	Oestrogen receptors interact with the catalytic subunit of AMP-activated protein kinase. <i>Bioscience Reports</i> , <b>2015</b> , 35,	4.1	29
74	Meningeal norepinephrine produces headache behaviors in rats via actions both on dural afferents and fibroblasts. <i>Cephalalgia</i> , <b>2015</b> , 35, 1054-64	6.1	14
73	Evolution: the advantage of 'maladaptive' pain plasticity. <i>Current Biology</i> , <b>2014</b> , 24, R384-6	6.3	17
72	A pain research agenda for the 21st century. <i>Journal of Pain</i> , <b>2014</b> , 15, 1203-14	5.2	102
71	Local translation and retrograde axonal transport of CREB regulates IL-6-induced nociceptive plasticity. <i>Molecular Pain</i> , <b>2014</b> , 10, 45	3.4	40
70	Cation-chloride cotransporters in neuronal development, plasticity and disease. <i>Nature Reviews Neuroscience</i> , <b>2014</b> , 15, 637-54	13.5	424
69	Development and evaluation of small peptidomimetic ligands to protease-activated receptor-2 (PAR2) through the use of lipid tethering. <i>PLoS ONE</i> , <b>2014</b> , 9, e99140	3.7	11
68	Pharmacogenetic inhibition of eIF4E-dependent Mmp9 mRNA translation reverses fragile X syndrome-like phenotypes. <i>Cell Reports</i> , <b>2014</b> , 9, 1742-1755	10.6	131
67	A highly potent agonist to protease-activated receptor-2 reveals apical activation of the airway epithelium resulting in Ca <sup>2+</sup> -regulated ion conductance. <i>American Journal of Physiology - Cell Physiology</i> , <b>2014</b> , 307, C718-26	5.4	6
66	The anti-diabetic drug metformin protects against chemotherapy-induced peripheral neuropathy in a mouse model. <i>PLoS ONE</i> , <b>2014</b> , 9, e100701	3.7	110
65	Bidirectional regulation of P body formation mediated by eIF4F complex formation in sensory neurons. <i>Neuroscience Letters</i> , <b>2014</b> , 563, 169-74	3.3	19
64	Inhibition of carbonic anhydrase augments GABA <sub>A</sub> receptor-mediated analgesia via a spinal mechanism of action. <i>Journal of Pain</i> , <b>2014</b> , 15, 395-406	5.2	28
63	Contrasting effects of chronic, systemic treatment with mTOR inhibitors rapamycin and metformin on adult neural progenitors in mice. <i>Age</i> , <b>2014</b> , 36, 199-212		7
62	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> , <b>2013</b> , 9, 14	3.4	37
61	BDNF regulates atypical PKC at spinal synapses to initiate and maintain a centralized chronic pain state. <i>Molecular Pain</i> , <b>2013</b> , 9, 12	3.4	68



60	ZIPping to pain relief: the role (or not) of PKM $\eta$ in chronic pain. <i>Molecular Pain</i> , <b>2013</b> , 9, 6	3.4	30
59	AMPK: An emerging target for modification of injury-induced pain plasticity. <i>Neuroscience Letters</i> , <b>2013</b> , 557 Pt A, 9-18	3.3	60
58	Competing molecular interactions of aPKC isoforms regulate neuronal polarity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 14450-5	11.5	24
57	mTORC1 inhibition induces pain via IRS-1-dependent feedback activation of ERK. <i>Pain</i> , <b>2013</b> , 154, 1080-91	9.8	63
56	Development of highly potent protease-activated receptor 2 agonists via synthetic lipid tethering. <i>FASEB Journal</i> , <b>2013</b> , 27, 1498-510	0.9	22
55	Rapamycin inhibition of mTORC1 reverses lithium-induced proliferation of renal collecting duct cells. <i>American Journal of Physiology - Renal Physiology</i> , <b>2013</b> , 305, F1201-8	4.3	16
54	The use of metformin is associated with decreased lumbar radiculopathy pain. <i>Journal of Pain Research</i> , <b>2013</b> , 6, 755-63	2.9	37
53	Development of Antagonists for the Protease Activated Receptor-2. <i>FASEB Journal</i> , <b>2013</b> , 27, 803.12	0.9	
52	Self-injurious behaviour in intellectual disability syndromes: evidence for aberrant pain signalling as a contributing factor. <i>Journal of Intellectual Disability Research</i> , <b>2012</b> , 56, 441-52	3.2	33
51	Contribution of PKM $\eta$ -dependent and independent amplification to components of experimental neuropathic pain. <i>Pain</i> , <b>2012</b> , 153, 1263-1273	8	44
50	Resveratrol engages AMPK to attenuate ERK and mTOR signaling in sensory neurons and inhibits incision-induced acute and chronic pain. <i>Molecular Pain</i> , <b>2012</b> , 8, 5	3.4	127
49	Modulation of spinal GABAergic analgesia by inhibition of chloride extrusion capacity in mice. <i>Journal of Pain</i> , <b>2012</b> , 13, 546-54	5.2	19
48	Lanthanide labeling of a potent protease activated receptor-2 agonist for time-resolved fluorescence analysis. <i>Bioconjugate Chemistry</i> , <b>2012</b> , 23, 2098-104	6.3	13
47	Transforaminal blood patch for the treatment of chronic headache from intracranial hypotension: a case report and review. <i>Anesthesiology Research and Practice</i> , <b>2012</b> , 2012, 923904	1.1	4
46	Sensitization of dural afferents underlies migraine-related behavior following meningeal application of interleukin-6 (IL-6). <i>Molecular Pain</i> , <b>2012</b> , 8, 6	3.4	95
45	Dendritic spine plasticity as an underlying mechanism of neuropathic pain: commentary on Tan et al. <i>Experimental Neurology</i> , <b>2012</b> , 233, 740-4	5.7	8
44	Receptor specificity defines algogenic properties of propofol and fospropofol. <i>Anesthesia and Analgesia</i> , <b>2012</b> , 115, 837-40	3.9	7
43	Fragile X mental retardation protein (FMRP) and the spinal sensory system. <i>Results and Problems in Cell Differentiation</i> , <b>2012</b> , 54, 41-59	1.4	10

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11	Sex differences in nociceptor translatomes contribute to divergent prostaglandin signaling in male and female mice		1
10	Type I interferons act directly on nociceptors to produce pain sensitization: Implications for viral infection-induced pain		1
9	Quantitative differences in neuronal subpopulations between mouse and human dorsal root ganglia demonstrated with RNAscope in situ hybridization		1
8	A pharmacological interactome platform for discovery of pain mechanisms and targets		4
7	ACE2 expression in human dorsal root ganglion sensory neurons: implications for SARS-CoV-2 virus-induced neurological effects		4

6	Sex-Stratified Genome-Wide Association Study of Multisite Chronic Pain in UK Biobank	2
5	Nociceptor translational profiling reveals the RagA-mTORC1 network as a critical generator of neuropathic pain	1
4	Transcriptomic analysis of native versus cultured human and mouse dorsal root ganglia focused on pharmacological targets	3
3	A female-specific role for Calcitonin Gene-Related Peptide (CGRP) in rodent pain models	1
2	Transcriptomic Analysis of Human Sensory Neurons in Painful Diabetic Neuropathy Reveals Inflammation and Neuronal Loss	1
1	Spatial transcriptomics reveals unique molecular fingerprints of human nociceptors	10