

Theodore John Price

List of Publications by Year in descending order

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Version: 2024-02-01

187
papers

10,349
citations

36691

53
h-index

54771

88
g-index

221
all docs

221
docs citations

221
times ranked

10746
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Proteinase-activated receptor-2 antagonist C391 inhibits <i>Alternaria</i> -induced airway epithelial signalling and asthma indicators in acute exposure mouse models. <i>British Journal of Pharmacology</i> , 2022, 179, 2208-2222.	2.7	4
3	D1/D5 Dopamine Receptors and mGluR5 Jointly Enable Non-Hebbian Long-Term Potentiation at Sensory Synapses onto Lamina I Spinoparabrachial Neurons. <i>Journal of Neuroscience</i> , 2022, 42, 350-361.	1.7	3
4	<i>Alternaria alternata</i> -induced airway epithelial signaling and inflammatory responses via protease-activated receptor-2 expression. <i>Biochemical and Biophysical Research Communications</i> , 2022, 591, 13-19.	1.0	7
5	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
6	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> Tj ETQq0 0.0 BT / Overlock 10 T	0.0	0
7	Sex-dependent pain trajectories induced by prolactin require an inflammatory response for pain resolution. <i>Brain, Behavior, and Immunity</i> , 2022, 101, 246-263.	2.0	9
8	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> , 2022, 10, e15176.	0.7	9
9	Balanced Opioid Prescribing via a Clinical Trade-Off: Pain Relief vs. Adverse Effects of Discomfort, Dependence, and Tolerance/Hypersensitivity. <i>Decision Analysis</i> , 2022, 19, 297-318.	1.2	2
10	Response of Astrocyte Subpopulations Following Spinal Cord Injury. <i>Cells</i> , 2022, 11, 721.	1.8	8
11	Spatial transcriptomics of dorsal root ganglia identifies molecular signatures of human nociceptors. <i>Science Translational Medicine</i> , 2022, 14, eabj8186.	5.8	164
12	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
13	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
14	Prolactin signaling modulates stress-induced behavioral responses in a preclinical mouse model of migraine. <i>Headache</i> , 2022, 62, 11-25.	1.8	10
15	Face detection and grimace scale prediction of white furred mice. <i>Machine Learning With Applications</i> , 2022, 8, 100312.	3.0	5
16	Sex-dependent pronociceptive role of spinal 5-HT _{2A} GABA _A receptor and its epigenetic regulation in neuropathic rodents. <i>Journal of Neurochemistry</i> , 2021, 156, 897-916.	2.1	24
17	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
18	Nasal administration of mitochondria reverses chemotherapy-induced cognitive deficits. <i>Theranostics</i> , 2021, 11, 3109-3130.	4.6	57

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19	A peptide encoded within a 5' untranslated region promotes pain sensitization in mice. <i>Pain</i> , 2021, 162, 1864-1875.	2.0	8
20	Organ-specific, multimodal, wireless optoelectronics for high-throughput phenotyping of peripheral neural pathways. <i>Nature Communications</i> , 2021, 12, 157.	5.8	25
21	Convergence of peptidergic and non-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
22	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
23	A ligand-receptor interactome platform for discovery of pain mechanisms and therapeutic targets. <i>Science Signaling</i> , 2021, 14, .	1.6	32
24	Sex-stratified genome-wide association study of multisite chronic pain in UK Biobank. <i>PLoS Genetics</i> , 2021, 17, e1009428.	1.5	37
25	Meningeal CGRP-Prolactin Interaction Evokes Female-Specific Migraine Behavior. <i>Annals of Neurology</i> , 2021, 89, 1129-1144.	2.8	46
26	Human cells and networks of pain: Transforming pain target identification and therapeutic development. <i>Neuron</i> , 2021, 109, 1426-1429.	3.8	47
27	Transient receptor potential canonical 5 mediates inflammatory mechanical and spontaneous pain in mice. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	41
28	Diversity of Receptor Expression in Central and Peripheral Mouse Neurons Estimated from Single Cell RNA Sequencing. <i>Neuroscience</i> , 2021, 463, 86-96.	1.1	7
29	Studying human nociceptors: from fundamentals to clinic. <i>Brain</i> , 2021, 144, 1312-1335.	3.7	77
30	A Role for Protease Activated Receptor Type 3 (PAR3) in Nociception Demonstrated Through Development of a Novel Peptide Agonist. <i>Journal of Pain</i> , 2021, 22, 692-706.	0.7	7
31	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
32	Intercellular Arc Signaling Regulates Vasodilation. <i>Journal of Neuroscience</i> , 2021, 41, 7712-7726.	1.7	12
33	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
34	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
35	Pharmacological Manipulation of Translation as a Therapeutic Target for Chronic Pain. <i>Pharmacological Reviews</i> , 2021, 73, 59-88.	7.1	34
36	De novo protein synthesis is necessary for priming in preclinical models of migraine. <i>Cephalalgia</i> , 2021, 41, 237-246.	1.8	6

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37	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
38	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
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	Molecular, circuit, and anatomical changes in the prefrontal cortex in chronic pain. <i>Pain</i> , 2020, 161, 1726-1729.	2.0	13
41	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
42	The importins of pain. <i>Science</i> , 2020, 369, 774-775.	6.0	2
43	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
44	Transcriptomic sex differences in sensory neuronal populations of mice. <i>Scientific Reports</i> , 2020, 10, 15278.	1.6	56
45	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
46	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
47	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
48	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
49	<i>Mycobacterium tuberculosis</i> Sulfolipid-1 Activates Nociceptive Neurons and Induces Cough. <i>Cell</i> , 2020, 181, 293-305.e11.	13.5	88
50	eIF4E phosphorylation modulates pain and neuroinflammation in the aged. <i>GeroScience</i> , 2020, 42, 1663-1674.	2.1	16
51	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
52	Machine Learning Enabled Adaptive Wireless Power Transmission System for Neuroscience Study. , 2020, , .		3
53	The cellular basis of protease activated receptor type 2 (PAR2) evoked mechanical and affective pain. <i>JCI Insight</i> , 2020, 5, .	2.3	18
54	A Pharmacological Interactome between COVID-19 Patient Samples and Human Sensory Neurons Reveals Potential Drivers of Neurogenic Pulmonary Dysfunction. <i>SSRN Electronic Journal</i> , 2020, , 3581446.	0.4	4

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55	The Future of Pain Therapeutics. , 2020, , 895-915.		0
56	Protease activated receptor 2 (PAR2) activation causes migraine-like pain behaviors in mice. Cephalalgia, 2019, 39, 111-122.	1.8	42
57	Non-invasive dural stimulation in mice: A novel preclinical model of migraine. Cephalalgia, 2019, 39, 123-134.	1.8	61
58	Indirect AMP-Activated Protein Kinase Activators Prevent Incision-Induced Hyperalgesia and Block Hyperalgesic Priming, Whereas Positive Allosteric Modulators Block Only Priming in Mice. Journal of Pharmacology and Experimental Therapeutics, 2019, 371, 138-150.	1.3	21
59	Differences between Dorsal Root and Trigeminal Ganglion Nociceptors in Mice Revealed by Translational Profiling. Journal of Neuroscience, 2019, 39, 6829-6847.	1.7	66
60	Transient Photoinactivation of Cell Membrane Protein Activity without Genetic Modification by Molecular Hyperthermia. ACS Nano, 2019, 13, 12487-12499.	7.3	21
61	Prolactin Regulates Pain Responses via a Female-Selective Nociceptor-Specific Mechanism. IScience, 2019, 20, 449-465.	1.9	56
62	Alleviation of paclitaxel-induced mechanical hypersensitivity and hyperalgesic priming with AMPK activators in male and female mice. Neurobiology of Pain (Cambridge, Mass), 2019, 6, 100037.	1.0	30
63	MNK-eIF4E signalling is a highly conserved mechanism for sensory neuron axonal plasticity: evidence from <i>Aplysia californica</i> . Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20190289.	1.8	11
64	Neuroscience: A Male-Specific Pain Memory Mechanism. Current Biology, 2019, 29, R50-R52.	1.8	2
65	AMPK activation regulates P-body dynamics in mouse sensory neurons in vitro and in vivo. Neurobiology of Pain (Cambridge, Mass), 2019, 5, 100026.	1.0	8
66	A Genetic Locus on Chromosome 2q24 Predicting Peripheral Neuropathy Risk in Type 2 Diabetes: Results From the ACCORD and BARI 2D Studies. Diabetes, 2019, 68, 1649-1662.	0.3	22
67	Prolactin receptor expression in mouse dorsal root ganglia neuronal subtypes is sex-dependent. Journal of Neuroendocrinology, 2019, 31, e12759.	1.2	34
68	Recent advances toward understanding the mysteries of the acute to chronic pain transition. Current Opinion in Physiology, 2019, 11, 42-50.	0.9	18
69	Transcriptome Analysis of the Human Tibial Nerve Identifies Sexually Dimorphic Expression of Genes Involved in Pain, Inflammation, and Neuro-Immunity. Frontiers in Molecular Neuroscience, 2019, 12, 37.	1.4	39
70	Electrophysiological and transcriptomic correlates of neuropathic pain in human dorsal root ganglion neurons. Brain, 2019, 142, 1215-1226.	3.7	198
71	Dural Calcitonin Gene-Related Peptide Produces Female-Specific Responses in Rodent Migraine Models. Journal of Neuroscience, 2019, 39, 4323-4331.	1.7	116
72	Temporal and sex differences in the role of BDNF/TrkB signaling in hyperalgesic priming in mice and rats. Neurobiology of Pain (Cambridge, Mass), 2019, 5, 100024.	1.0	25

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73	Activation of the integrated stress response in nociceptors drives methylglyoxal-induced pain. <i>Pain</i> , 2019, 160, 160-171.	2.0	45
74	Emerging neurotechnology for antinociceptive mechanisms and therapeutics discovery. <i>Biosensors and Bioelectronics</i> , 2019, 126, 679-689.	5.3	19
75	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
76	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
77	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
78	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
79	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
80	From Mechanism to Cure: Renewing the Goal to Eliminate the Disease of Pain. <i>Pain Medicine</i> , 2018, 19, 1525-1549.	0.9	66
81	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
82	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
83	Translational Control Mechanisms in Persistent Pain. <i>Trends in Neurosciences</i> , 2018, 41, 100-114.	4.2	91
84	The landscape of nascent protein synthesis in the DRG at single codon resolution. <i>Journal of Pain</i> , 2018, 19, S97-S98.	0.7	0
85	eIF4E-Dependent Translational Control: A Central Mechanism for Regulation of Pain Plasticity. <i>Frontiers in Genetics</i> , 2018, 9, 470.	1.1	39
86	Transition to chronic pain: opportunities for novel therapeutics. <i>Nature Reviews Neuroscience</i> , 2018, 19, 383-384.	4.9	113
87	Translation regulation and pain special issue editorial for neurobiology of pain. <i>Neurobiology of Pain (Cambridge, Mass)</i> , 2018, 4, 1.	1.0	1
88	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
89	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
90	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

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91	eIF4E Phosphorylation Influences Bdnf mRNA Translation in Mouse Dorsal Root Ganglion Neurons. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 29.	1.8	33
92	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
93	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
94	Haptic stroke testbed for pharmacological evaluation of dynamic allodynia in mouse models. , 2018, , .		0
95	Ultrafast Near-Infrared Light-Triggered Intracellular Uncaging to Probe Cell Signaling. <i>Advanced Functional Materials</i> , 2017, 27, 1605778.	7.8	31
96	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
97	(131) TLR4-dependent pain depends on different cell types in males and females. <i>Journal of Pain</i> , 2017, 18, S9.	0.7	1
98	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
99	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
100	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
101	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
102	Ensuring transparency and minimization of methodologic bias in preclinical pain research. <i>Pain</i> , 2016, 157, 901-909.	2.0	70
103	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
104	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
105	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
106	Targeting AMPK for the Alleviation of Pathological Pain. <i>Exs</i> , 2016, 107, 257-285.	1.4	29
107	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> , 2016, 1, e562.	1.4	12
108	Dural stimulation in rats causes brain-derived neurotrophic factor-dependent priming to subthreshold stimuli including a migraine trigger. <i>Pain</i> , 2016, 157, 2722-2730.	2.0	45

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109	Group II mGluRs suppress hyperexcitability in mouse and human nociceptors. <i>Pain</i> , 2016, 157, 2081-2088.	2.0	49
110	(369) Methylglyoxal produces endoplasmic reticulum stress response in DRG neurons. <i>Journal of Pain</i> , 2016, 17, S67.	0.7	0
111	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
112	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
113	Oestrogen receptors interact with the Î±-catalytic subunit of AMP-activated protein kinase. <i>Bioscience Reports</i> , 2015, 35, .	1.1	36
114	Preface. <i>Progress in Molecular Biology and Translational Science</i> , 2015, 131, xvii-xviii.	0.9	0
115	Meningeal norepinephrine produces headache behaviors in rats via actions both on dural afferents and fibroblasts. <i>Cephalalgia</i> , 2015, 35, 1054-1064.	1.8	19
116	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
117	Inhibitory regulation of the pain gate and how its failure causes pathological pain. <i>Pain</i> , 2015, 156, 789-792.	2.0	32
118	The Pharmacology of Nociceptor Priming. <i>Handbook of Experimental Pharmacology</i> , 2015, 227, 15-37.	0.9	79
119	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
120	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
121	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
122	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
123	The use of metformin is associated with decreased lumbar radiculopathy pain [Erratum]. <i>Journal of Pain Research</i> , 2014, , 89.	0.8	1
124	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
125	A highly potent agonist to protease-activated receptor-2 reveals apical activation of the airway epithelium resulting in Ca ²⁺ -regulated ion conductance. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 307, C718-C726.	2.1	6
126	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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127	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
128	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
129	Contrasting effects of chronic, systemic treatment with mTOR inhibitors rapamycin and metformin on adult neural progenitors in mice. <i>Age</i> , 2014, 36, 199-212.	3.0	8
130	Evolution: The Advantage of "Maladaptive" Pain Plasticity. <i>Current Biology</i> , 2014, 24, R384-R386.	1.8	22
131	A Pain Research Agenda for the 21st Century. <i>Journal of Pain</i> , 2014, 15, 1203-1214.	0.7	145
132	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
133	Cation-chloride cotransporters in neuronal development, plasticity and disease. <i>Nature Reviews Neuroscience</i> , 2014, 15, 637-654.	4.9	589
134	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
135	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
136	ZIPping to Pain Relief: The Role (or Not) of PKM η in Chronic Pain. <i>Molecular Pain</i> , 2013, 9, 1744-8069-9-6.	1.0	32
137	AMPK: An emerging target for modification of injury-induced pain plasticity. <i>Neuroscience Letters</i> , 2013, 557, 9-18.	1.0	75
138	Competing molecular interactions of α PKC 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
139	mTORC1 inhibition induces pain via IRS-1-dependent feedback activation of ERK. <i>Pain</i> , 2013, 154, 1080-1091.	2.0	79
140	Development of highly potent protease-activated receptor 2 agonists via synthetic lipid tethering. <i>FASEB Journal</i> , 2013, 27, 1498-1510.	0.2	26
141	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
142	The use of metformin is associated with decreased lumbar radiculopathy pain. <i>Journal of Pain Research</i> , 2013, 6, 755.	0.8	49
143	Development of Antagonists for the Protease Activated Receptor-2. <i>FASEB Journal</i> , 2013, 27, 803.12.	0.2	0
144	Receptor Specificity Defines Allogenic Properties of Propofol and Fospropofol. <i>Anesthesia and Analgesia</i> , 2012, 115, 837-840.	1.1	7

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145	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
146	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
147	Transforaminal Blood Patch for the Treatment of Chronic Headache from Intracranial Hypotension: A Case Report and Review. <i>Anesthesiology Research and Practice</i> , 2012, 2012, 1-4.	0.2	5
148	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
149	Dendritic spine plasticity as an underlying mechanism of neuropathic pain: Commentary on Tan et al.. <i>Experimental Neurology</i> , 2012, 233, 740-744.	2.0	9
150	Self-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
151	Contribution of PKM η -dependent and independent amplification to components of experimental neuropathic pain. <i>Pain</i> , 2012, 153, 1263-1273.	2.0	47
152	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
153	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
154	A novel, time resolved immunofluorescence screening assay to assess PAR2 ligand binding. <i>FASEB Journal</i> , 2012, 26, 998.4.	0.2	0
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