Theodore John Price

List of Publications by Year
in descending order

187	10,349	31976 53	48315 88
papers	citations	h-index	g-index

221	221	221	9816
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sex Differences in Nociceptor Translatomes Contribute to Divergent Prostaglandin Signaling in Male and Female Mice. Biological Psychiatry, 2022, 91, 129-140.	1.3	40
2	Proteinaseâ€activated receptorâ€2 antagonist C391 inhibits Alternariaâ€induced airway epithelial signalling and asthma indicators in acute exposure mouse models. British Journal of Pharmacology, 2022, 179, 2208-2222.	5.4	4
3	D1/D5 Dopamine Receptors and mGluR5 Jointly Enable Non-Hebbian Long-Term Potentiation at Sensory Synapses onto Lamina I Spinoparabrachial Neurons. Journal of Neuroscience, 2022, 42, 350-361.	3.6	3
4	Alternaria alternata-induced airway epithelial signaling and inflammatory responses via protease-activated receptor-2 expression. Biochemical and Biophysical Research Communications, 2022, 591, 13-19.	2.1	7
5	A Female-Specific Role for Calcitonin Gene-Related Peptide (CGRP) in Rodent Pain Models. Journal of Neuroscience, 2022, 42, 1930-1944.	3.6	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. Neurobiology of Pain (Cambridge, Mass) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.5	8
7	Sex-dependent pain trajectories induced by prolactin require an inflammatory response for pain resolution. Brain, Behavior, and Immunity, 2022, 101, 246-263.	4.1	9
8	RNA sequencing on muscle biopsy from a 5â€week bed rest study reveals the effect of exercise and potential interactions with dorsal root ganglion neurons. Physiological Reports, 2022, 10, e15176.	1.7	9
9	Balanced Opioid Prescribing via a Clinical Trade-Off: Pain Relief vs. Adverse Effects of Discomfort, Dependence, and Tolerance/Hypersensitivity. Decision Analysis, 2022, 19, 297-318.	2.1	2
10	Response of Astrocyte Subpopulations Following Spinal Cord Injury. Cells, 2022, 11, 721.	4.1	8
11	Spatial transcriptomics of dorsal root ganglia identifies molecular signatures of human nociceptors. Science Translational Medicine, 2022, 14, eabj8186.	12.4	164
12	Transcriptomic analysis of human sensory neurons in painful diabetic neuropathy reveals inflammation and neuronal loss. Scientific Reports, 2022, 12, 4729.	3.3	30
13	Anthrax toxins regulate pain signaling and can deliver molecular cargoes into ANTXR2+ DRG sensory neurons. Nature Neuroscience, 2022, 25, 168-179.	14.8	20
14	Prolactin signaling modulates stressâ€induced behavioral responses in a preclinical mouse model of migraine. Headache, 2022, 62, 11-25.	3.9	10
15	Face detection and grimace scale prediction of white furred mice. Machine Learning With Applications, 2022, 8, 100312.	4.4	5
16	Sexâ€dependent pronociceptive role of spinal Î±₅â€GABA_A receptor and its epigenetic regulation in neuropathic rodents. Journal of Neurochemistry, 2021, 156, 897-916.	3.9	24
17	Sex- and cell-dependent contribution of peripheral high mobility group box 1 and TLR4 in arthritis-induced pain. Pain, 2021, 162, 459-470.	4.2	29
18	Nasal administration of mitochondria reverses chemotherapy-induced cognitive deficits. Theranostics, 2021, 11, 3109-3130.	10.0	57

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19	A peptide encoded within a 5â€² untranslated region promotes pain sensitization in mice. Pain, 2021, 162, 1864-1875.	4.2	8
20	Organ-specific, multimodal, wireless optoelectronics for high-throughput phenotyping of peripheral neural pathways. Nature Communications, 2021, 12, 157.	12.8	25
21	Convergence of peptidergic and nonâ€peptidergic protein markers in the human dorsal root ganglion and spinal dorsal horn. Journal of Comparative Neurology, 2021, 529, 2771-2788.	1.6	44
22	The CysLT ₂ R receptor mediates leukotriene C ₄ -driven acute and chronic itch. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	57
23	A ligand-receptor interactome platform for discovery of pain mechanisms and therapeutic targets. Science Signaling, 2021, 14, .	3.6	32
24	Sex-stratified genome-wide association study of multisite chronic pain in UK Biobank. PLoS Genetics, 2021, 17, e1009428.	3.5	37
25	Meningeal <scp>CGRP</scp>â€Prolactin Interaction Evokes Femaleâ€Specific Migraine Behavior. Annals of Neurology, 2021, 89, 1129-1144.	5.3	46
26	Human cells and networks of pain: Transforming pain target identification and therapeutic development. Neuron, 2021, 109, 1426-1429.	8.1	47
27	Transient receptor potential canonical 5 mediates inflammatory mechanical and spontaneous pain in mice. Science Translational Medicine, 2021, 13, .	12.4	41
28	Diversity of Receptor Expression in Central and Peripheral Mouse Neurons Estimated from Single Cell RNA Sequencing. Neuroscience, 2021, 463, 86-96.	2.3	7
29	Studying human nociceptors: from fundamentals to clinic. Brain, 2021, 144, 1312-1335.	7.6	77
30	A Role for Protease Activated Receptor Type 3 (PAR3) in Nociception Demonstrated Through Development of a Novel Peptide Agonist. Journal of Pain, 2021, 22, 692-706.	1.4	7
31	Interleukin-6 induces spatially dependent whole-body hypersensitivity in rats: implications for extracephalic hypersensitivity in migraine. Journal of Headache and Pain, 2021, 22, 70.	6.0	14
32	Intercellular Arc Signaling Regulates Vasodilation. Journal of Neuroscience, 2021, 41, 7712-7726.	3.6	12
33	Neurobiology of SARS-CoV-2 interactions with the peripheral nervous system: implications for COVID-19 and pain. Pain Reports, 2021, 6, e885.	2.7	83
34	Sex-dependent role of microglia in disulfide high mobility group box 1 protein-mediated mechanical hypersensitivity. Pain, 2021, 162, 446-458.	4.2	36
35	Pharmacological Manipulation of Translation as a Therapeutic Target for Chronic Pain. Pharmacological Reviews, 2021, 73, 59-88.	16.0	34
36	De novo protein synthesis is necessary for priming in preclinical models of migraine. Cephalalgia, 2021, 41, 237-246.	3.9	6

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37	Reversal of peripheral nerve injury-induced neuropathic pain and cognitive dysfunction via genetic and tomivosertib targeting of MNK. Neuropsychopharmacology, 2020, 45, 524-533.	5.4	40
38	Quantitative differences in neuronal subpopulations between mouse and human dorsal root ganglia demonstrated with RNAscope in situ hybridization. Pain, 2020, 161, 2410-2424.	4.2	127
39	ACE2 and SCARF expression in human dorsal root ganglion nociceptors: implications for SARS-CoV-2 virus neurological effects. Pain, 2020, 161, 2494-2501.	4.2	83
40	Molecular, circuit, and anatomical changes in the prefrontal cortex in chronic pain. Pain, 2020, 161, 1726-1729.	4.2	13
41	Neuroendocrine Mechanisms Governing Sex Differences in Hyperalgesic Priming Involve Prolactin Receptor Sensory Neuron Signaling. Journal of Neuroscience, 2020, 40, 7080-7090.	3.6	34
42	The importins of pain. Science, 2020, 369, 774-775.	12.6	2
43	Repetitive stress in mice causes migraine-like behaviors and calcitonin gene-related peptide-dependent hyperalgesic priming to a migraine trigger. Pain, 2020, 161, 2539-2550.	4.2	33
44	Transcriptomic sex differences in sensory neuronal populations of mice. Scientific Reports, 2020, 10, 15278.	3.3	56
45	IL-6 induced upregulation of T-type Ca²⁺ currents and sensitization of DRG nociceptors is attenuated by MNK inhibition. Journal of Neurophysiology, 2020, 124, 274-283.	1.8	24
46	A pharmacological interactome between COVID-19 patient samples and human sensory neurons reveals potential drivers of neurogenic pulmonary dysfunction. Brain, Behavior, and Immunity, 2020, 89, 559-568.	4.1	35
47	Sex differences in the role of atypical PKC within the basolateral nucleus of the amygdala in a mouse hyperalgesic priming model. Neurobiology of Pain (Cambridge, Mass), 2020, 8, 100049.	2.5	13
48	Type I Interferons Act Directly on Nociceptors to Produce Pain Sensitization: Implications for Viral Infection-Induced Pain. Journal of Neuroscience, 2020, 40, 3517-3532.	3.6	62
49	Mycobacterium tuberculosis Sulfolipid-1 Activates Nociceptive Neurons and Induces Cough. Cell, 2020, 181, 293-305.e11.	28.9	88
50	eIF4E phosphorylation modulates pain and neuroinflammation in the aged. GeroScience, 2020, 42, 1663-1674.	4.6	16
51	Pharmacological target-focused transcriptomic analysis of native vs cultured human and mouse dorsal root ganglia. Pain, 2020, 161, 1497-1517.	4.2	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. JCI Insight, 2020, 5, .	5.0	18
54	A Pharmacological Interactome between COVID-19 Patient Samples and Human Sensory Neurons Reveals Potential Drivers of Neurogenic Pulmonary Dysfunction. SSRN Electronic Journal, 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.	3.9	42
57	Non-invasive dural stimulation in mice: A novel preclinical model of migraine. Cephalalgia, 2019, 39, 123-134.	3.9	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.	2.5	21
59	Differences between Dorsal Root and Trigeminal Ganglion Nociceptors in Mice Revealed by Translational Profiling. Journal of Neuroscience, 2019, 39, 6829-6847.	3.6	66
60	Transient Photoinactivation of Cell Membrane Protein Activity without Genetic Modification by Molecular Hyperthermia. ACS Nano, 2019, 13, 12487-12499.	14.6	21
61	Prolactin Regulates Pain Responses via a Female-Selective Nociceptor-Specific Mechanism. IScience, 2019, 20, 449-465.	4.1	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.	2.5	30
63	MNK-eIF4E signalling is a highly conserved mechanism for sensory neuron axonal plasticity: evidence from Aplysia californica. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20190289.	4.0	11
64	Neuroscience: A Male-Specific Pain Memory Mechanism. Current Biology, 2019, 29, R50-R52.	3.9	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.	2.5	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.	0.6	22
67	Prolactin receptor expression in mouse dorsal root ganglia neuronal subtypes is sexâ€dependent. Journal of Neuroendocrinology, 2019, 31, e12759.	2.6	34
68	Recent advances toward understanding the mysteries of the acute to chronic pain transition. Current Opinion in Physiology, 2019, 11, 42-50.	1.8	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.	2.9	39
70	Electrophysiological and transcriptomic correlates of neuropathic pain in human dorsal root ganglion neurons. Brain, 2019, 142, 1215-1226.	7.6	198
71	Dural Calcitonin Gene-Related Peptide Produces Female-Specific Responses in Rodent Migraine Models. Journal of Neuroscience, 2019, 39, 4323-4331.	3.6	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.	2.5	25

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73	Activation of the integrated stress response in nociceptors drives methylglyoxal-induced pain. Pain, 2019, 160, 160-171.	4.2	45
74	Emerging neurotechnology for antinoceptive mechanisms and therapeutics discovery. Biosensors and Bioelectronics, 2019, 126, 679-689.	10.1	19
75	Nociceptor Translational Profiling Reveals the Ragulator-Rag GTPase Complex as a Critical Generator of Neuropathic Pain. Journal of Neuroscience, 2019, 39, 393-411.	3.6	95
76	The antidiabetic drug metformin prevents and reverses neuropathic pain and spinal cord microglial activation in male but not female mice. Pharmacological Research, 2019, 139, 1-16.	7.1	108
77	Inhibition of Poly(A)-binding protein with a synthetic RNA mimic reduces pain sensitization in mice. Nature Communications, 2018, 9, 10.	12.8	135
78	eIF4E phosphorylation regulates ongoing pain, independently of inflammation, and hyperalgesic priming in the mouse CFA model. Neurobiology of Pain (Cambridge, Mass), 2018, 4, 45-50.	2.5	36
79	Comparative transcriptome profiling of the human and mouse dorsal root ganglia: an RNA-seqâ€“based resource for pain and sensory neuroscience research. Pain, 2018, 159, 1325-1345.	4.2	306
80	From Mechanism to Cure: Renewing the Goal to Eliminate the Disease of Pain. Pain Medicine, 2018, 19, 1525-1549.	1.9	66
81	Evaluation of the neonatal streptozotocin model of diabetes in rats: Evidence for a model of neuropathic pain. Pharmacological Reports, 2018, 70, 294-303.	3.3	26
82	A Critical Role for Dopamine D5 Receptors in Pain Chronicity in Male Mice. Journal of Neuroscience, 2018, 38, 379-397.	3.6	62
83	Translational Control Mechanisms in Persistent Pain. Trends in Neurosciences, 2018, 41, 100-114.	8.6	91
84	The landscape of nascent protein synthesis in the DRG at single codon resolution. Journal of Pain, 2018, 19, S97-S98.	1.4	0
85	eIF4E-Dependent Translational Control: A Central Mechanism for Regulation of Pain Plasticity. Frontiers in Genetics, 2018, 9, 470.	2.3	39
86	Transition to chronic pain: opportunities for novel therapeutics. Nature Reviews Neuroscience, 2018, 19, 383-384.	10.2	113
87	Translation regulation and pain special issue editorial for neurobiology of pain. Neurobiology of Pain (Cambridge, Mass), 2018, 4, 1.	2.5	1
88	Angiotensin II Triggers Peripheral Macrophage-to-Sensory Neuron Redox Crosstalk to Elicit Pain. Journal of Neuroscience, 2018, 38, 7032-7057.	3.6	92
89	Spinal Inhibition of P2XR or p38 Signaling Disrupts Hyperalgesic Priming in Male, but not Female, Mice. Neuroscience, 2018, 385, 133-142.	2.3	38
90	Adult mouse sensory neurons on microelectrode arrays exhibit increased spontaneous and stimulus-evoked activity in the presence of interleukin-6. Journal of Neurophysiology, 2018, 120, 1374-1385.	1.8	32

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91	eIF4E Phosphorylation Influences Bdnf mRNA Translation in Mouse Dorsal Root Ganglion Neurons. Frontiers in Cellular Neuroscience, 2018, 12, 29.	3.7	33
92	Neuropathic Pain Creates an Enduring Prefrontal Cortex Dysfunction Corrected by the Type II Diabetic Drug Metformin But Not by Gabapentin. Journal of Neuroscience, 2018, 38, 7337-7350.	3.6	60
93	Therapeutic opportunities for pain medicines via targeting of specific translation signaling mechanisms. Neurobiology of Pain (Cambridge, Mass), 2018, 4, 8-19.	2.5	17
94	Haptic stroke testbed for pharmacological evaluation of dynamic allodynia in mouse models. , 2018, , .		0
95	Ultrafast Nearâ€Infrared Lightâ€Triggered Intracellular Uncaging to Probe Cell Signaling. Advanced Functional Materials, 2017, 27, 1605778.	14.9	31
96	Pharmacological activation of AMPK inhibits incision-evoked mechanical hypersensitivity and the development of hyperalgesic priming in mice. Neuroscience, 2017, 359, 119-129.	2.3	40
97	(131) TLR4-dependent pain depends on different cell types in males and females. Journal of Pain, 2017, 18, S9.	1.4	1
98	Sigma 2 Receptor/Tmem97 Agonists Produce Long Lasting Antineuropathic Pain Effects in Mice. ACS Chemical Neuroscience, 2017, 8, 1801-1811.	3.5	86
99	The MNKâ€“eIF4E Signaling Axis Contributes to Injury-Induced Nociceptive Plasticity and the Development of Chronic Pain. Journal of Neuroscience, 2017, 37, 7481-7499.	3.6	106
100	Extracellular phosphorylation of a receptor tyrosine kinase controls synaptic localization of NMDA receptors and regulates pathological pain. PLoS Biology, 2017, 15, e2002457.	5.6	54
101	The AMPK Activator A769662 Blocks Voltage-Gated Sodium Channels: Discovery of a Novel Pharmacophore with Potential Utility for Analgesic Development. PLoS ONE, 2017, 12, e0169882.	2.5	16
102	Ensuring transparency and minimization of methodologic bias in preclinical pain research. Pain, 2016, 157, 901-909.	4.2	70
103	Neuroligin 2 regulates spinal GABAergic plasticity in hyperalgesic priming, a model of the transition from acute to chronic pain. Pain, 2016, 157, 1314-1324.	4.2	27
104	Stretchable multichannel antennas in soft wireless optoelectronic implants for optogenetics. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E8169-E8177.	7.1	111
105	Predominant role of spinal P2Y 1 receptors in the development of neuropathic pain in rats. Brain Research, 2016, 1636, 43-51.	2.2	19
106	Targeting AMPK for the Alleviation of Pathological Pain. Exs, 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. Pain Reports, 2016, 1, e562.	2.7	12
108	Dural stimulation in rats causes brain-derived neurotrophic factorâ€“dependent priming to subthreshold stimuli including a migraine trigger. Pain, 2016, 157, 2722-2730.	4.2	45

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109	Group II mGluRs suppress hyperexcitability in mouse and human nociceptors. Pain, 2016, 157, 2081-2088.	4.2	49
110	(369) Methylglyoxal produces endoplasmic reticulum stress response in DRG neurons. Journal of Pain, 2016, 17, S67.	1.4	0
111	Piperidinyl thiazole isoxazolines: A new series of highly potent, slowly reversible FAAH inhibitors with analgesic properties. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2965-2973.	2.2	29
112	Adenosine Monophosphate-activated Protein Kinase (AMPK) Activators For the Prevention, Treatment and Potential Reversal of Pathological Pain. Current Drug Targets, 2016, 17, 908-920.	2.1	49
113	Oestrogen receptors interact with the Î±-catalytic subunit of AMP-activated protein kinase. Bioscience Reports, 2015, 35, .	2.4	36
114	Preface. Progress in Molecular Biology and Translational Science, 2015, 131, xvii-xviii.	1.7	0
115	Meningeal norepinephrine produces headache behaviors in rats via actions both on dural afferents and fibroblasts. Cephalalgia, 2015, 35, 1054-1064.	3.9	19
116	Protease-activated receptor 2 activation is sufficient to induce the transition to a chronic pain state. Pain, 2015, 156, 859-867.	4.2	57
117	Inhibitory regulation of the pain gate and how its failure causes pathological pain. Pain, 2015, 156, 789-792.	4.2	32
118	The Pharmacology of Nociceptor Priming. Handbook of Experimental Pharmacology, 2015, 227, 15-37.	1.8	79
119	Spinal Dopaminergic Projections Control the Transition to Pathological Pain Plasticity via a D₁/D₅-Mediated Mechanism. Journal of Neuroscience, 2015, 35, 6307-6317.	3.6	63
120	Commonalities Between Pain and Memory Mechanisms and Their Meaning for Understanding Chronic Pain. Progress in Molecular Biology and Translational Science, 2015, 131, 409-434.	1.7	117
121	The novel <scp>PAR</scp>2 ligand <scp>C</scp>391 blocks multiple <scp>PAR</scp>2 signalling pathways in vitro and in vivo. British Journal of Pharmacology, 2015, 172, 4535-4545.	5.4	33
122	Development and Evaluation of Small Peptidomimetic Ligands to Protease-Activated Receptor-2 (PAR2) through the Use of Lipid Tethering. PLoS ONE, 2014, 9, e99140.	2.5	16
123	The use of metformin is associated with decreased lumbar radiculopathy pain [Erratum]. Journal of Pain Research, 2014, , 89.	2.0	1
124	Pharmacogenetic Inhibition of eIF4E-Dependent Mmp9 mRNA Translation Reverses Fragile X Syndrome-like Phenotypes. Cell Reports, 2014, 9, 1742-1755.	6.4	174
125	A highly potent agonist to protease-activated receptor-2 reveals apical activation of the airway epithelium resulting in Ca²⁺-regulated ion conductance. American Journal of Physiology - Cell Physiology, 2014, 307, C718-C726.	4.6	6
126	The Anti-Diabetic Drug Metformin Protects against Chemotherapy-Induced Peripheral Neuropathy in a Mouse Model. PLoS ONE, 2014, 9, e100701.	2.5	132

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127	Bidirectional regulation of P body formation mediated by eIF4F complex formation in sensory neurons. Neuroscience Letters, 2014, 563, 169-174.	2.1	25
128	Inhibition of Carbonic Anhydrase Augments GABAA Receptor-Mediated Analgesia via a Spinal Mechanism of Action. Journal of Pain, 2014, 15, 395-406.	1.4	35
129	Contrasting effects of chronic, systemic treatment with mTOR inhibitors rapamycin and metformin on adult neural progenitors in mice. Age, 2014, 36, 199-212.	3.0	8
130	Evolution: The Advantage of â€˜Maladaptiveâ€™ Pain Plasticity. Current Biology, 2014, 24, R384-R386.	3.9	22
131	A Pain Research Agenda for the 21st Century. Journal of Pain, 2014, 15, 1203-1214.	1.4	145
132	Local Translation and Retrograde Axonal Transport of CREB Regulates IL-6-Induced Nociceptive Plasticity. Molecular Pain, 2014, 10, 1744-8069-10-45.	2.1	58
133	Cation-chloride cotransporters in neuronal development, plasticity and disease. Nature Reviews Neuroscience, 2014, 15, 637-654.	10.2	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. Molecular Pain, 2013, 9, 1744-8069-9-14.	2.1	42
135	BDNF Regulates Atypical PKC at Spinal Synapses to Initiate and Maintain a Centralized Chronic Pain State. Molecular Pain, 2013, 9, 1744-8069-9-12.	2.1	86
136	ZIPping to Pain Relief: The Role (or Not) of PKMÎ¶ in Chronicc Pain. Molecular Pain, 2013, 9, 1744-8069-9-6.	2.1	32
137	AMPK: An emerging target for modification of injury-induced pain plasticity. Neuroscience Letters, 2013, 557, 9-18.	2.1	75
138	Competing molecular interactions of aPKC isoforms regulate neuronal polarity. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 14450-14455.	7.1	30
139	mTORC1 inhibition induces pain via IRS-1-dependent feedback activation of ERK. Pain, 2013, 154, 1080-1091.	4.2	79
140	Development of highly potent proteaseâ€activated receptor 2 agonistsviasynthetic lipid tethering. FASEB Journal, 2013, 27, 1498-1510.	0.5	26
141	Rapamycin inhibition of mTORC1 reverses lithium-induced proliferation of renal collecting duct cells. American Journal of Physiology - Renal Physiology, 2013, 305, F1201-F1208.	2.7	18
142	The use of metformin is associated with decreased lumbar radiculopathy pain. Journal of Pain Research, 2013, 6, 755.	2.0	49
143	Development of Antagonists for the Protease Activated Receptorâ€2. FASEB Journal, 2013, 27, 803.12.	0.5	0
144	Receptor Specificity Defines Algogenic Properties of Propofol and Fospropofol. Anesthesia and Analgesia, 2012, 115, 837-840.	2.2	7

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145	Modulation of Spinal GABAergic Analgesia by Inhibition of Chloride Extrusion Capacity in Mice. Journal of Pain, 2012, 13, 546-554.	1.4	21
146	Lanthanide Labeling of a Potent Protease Activated Receptor-2 Agonist for Time-Resolved Fluorescence Analysis. Bioconjugate Chemistry, 2012, 23, 2098-2104.	3.6	15
147	Transforaminal Blood Patch for the Treatment of Chronic Headache from Intracranial Hypotension: A Case Report and Review. Anesthesiology Research and Practice, 2012, 2012, 1-4.	0.7	5
148	Sensitization of Dural Afferents Underlies Migraine-Related Behavior following Meningeal Application of Interleukin-6 (IL-6). Molecular Pain, 2012, 8, 1744-8069-8-6.	2.1	112
149	Dendritic spine plasticity as an underlying mechanism of neuropathic pain: Commentary on Tan et al.. Experimental Neurology, 2012, 233, 740-744.	4.1	9
150	Selfâ€injurious behaviour in intellectual disability syndromes: evidence for aberrant pain signalling as a contributing factor. Journal of Intellectual Disability Research, 2012, 56, 441-452.	2.0	41
151	Contribution of PKMÎ¶-dependent and independent amplification to components of experimental neuropathic pain. Pain, 2012, 153, 1263-1273.	4.2	47
152	Resveratrol Engages AMPK to Attenuate ERK and mTOR Signaling in Sensory Neurons and Inhibits Incision-Induced Acute and Chronic Pain. Molecular Pain, 2012, 8, 1744-8069-8-5.	2.1	146
153	Fragile X Mental Retardation Protein (FMRP) and the Spinal Sensory System. Results and Problems in Cell Differentiation, 2012, 54, 41-59.	0.7	15
154	A novel, time resolved immunofluorescence screening assay to assess PAR2 ligand binding. FASEB Journal, 2012, 26, 998.4.	0.5	0
155	Kallikrein site targeted ligands are potent PAR 2 antagonists. FASEB Journal, 2012, 26, 664.7.	0.5	0
156	Potent Agonists of the Protease Activated Receptor 2 (PAR₂). Journal of Medicinal Chemistry, 2011, 54, 1308-1313.	6.4	31
157	Spinal Protein Kinase M Î¶ Underlies the Maintenance Mechanism of Persistent Nociceptive Sensitization. Journal of Neuroscience, 2011, 31, 6646-6653.	3.6	114
158	Engagement of descending inhibition from the rostral ventromedial medulla protects against chronic neuropathic pain. Pain, 2011, 152, 2701-2709.	4.2	186
159	Targeting Adenosine Monophosphate-Activated Protein Kinase (AMPK) in Preclinical Models Reveals a Potential Mechanism for the Treatment of Neuropathic Pain. Molecular Pain, 2011, 7, 1744-8069-7-70.	2.1	189
160	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. Journal of Biological Chemistry, 2011, 286, 19076-19088.	3.4	25
161	Acetazolamide and midazolam act synergistically to inhibit neuropathic pain. Pain, 2010, 148, 302-308.	4.2	110
162	Reversal of pancreatitis-induced pain by an orally available, small molecule interleukin-6 receptor antagonist. Pain, 2010, 151, 257-265.	4.2	38

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163	Role of RVM neurons in capsaicinâ€evoked visceral nociception and referred hyperalgesia. European Journal of Pain, 2010, 14, 120.e1-9.	2.8	40
164	IL-6- and NGF-Induced Rapid Control of Protein Synthesis and Nociceptive Plasticity via Convergent Signaling to the eIF4F Complex. Journal of Neuroscience, 2010, 30, 15113-15123.	3.6	190
165	Chloride regulation in the pain pathway. Brain Research Reviews, 2009, 60, 149-170.	9.0	220
166	When Pain Lingers. Scientific American Mind, 2009, 20, 34-41.	0.0	2
167	Translating nociceptor sensitivity: the role of axonal protein synthesis in nociceptor physiology. European Journal of Neuroscience, 2009, 29, 2253-2263.	2.6	65
168	Cannabinoid CB1 receptors are expressed in the mouse urinary bladder and their activation modulates afferent bladder activity. Neuroscience, 2009, 159, 1154-1163.	2.3	70
169	Decreased Nociceptive Sensitization in Mice Lacking the Fragile X Mental Retardation Protein: Role of mGluR1/5 and mTOR. Journal of Neuroscience, 2007, 27, 13958-13967.	3.6	186
170	Spinal NKCC1 Blockade Inhibits TRPV1-Dependent Referred Allodynia. Molecular Pain, 2007, 3, 1744-8069-3-17.	2.1	54
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