Stephen B Mcmahon

List of Publications by Year
in descending order

241 papers	30,531 citations	2975 93 h-index	4885 168 g-index
252 all docs	252 docs citations	252 times ranked	19707 citing authors

#	Article	IF	Citations
1	Examination of the contribution of Nav1.7 to axonal propagation in nociceptors. Pain, 2022, 163, e869-e881.	4.2	9
2	Evaluation of Recombinant Botulinum Neurotoxin Type A1 Efficacy in Peripheral Inflammatory Pain in Mice. Frontiers in Molecular Neuroscience, 2022, 15, .	2.9	1
3	The impact of paradigm and stringent analysis parameters on measuring a net conditioned pain modulation effect: A test, retest, control study. European Journal of Pain, 2021, 25, 415-429.	2.8	13
4	The physiological function of different voltage-gated sodium channels in pain. Nature Reviews Neuroscience, 2021, 22, 263-274.	10.2	67
5	Encoding of cutaneous stimuli by lamina I projection neurons. Pain, 2021, 162, 2405-2417.	4.2	21
6	Assessment of Somatosensory Function and Self-harm in Adolescents. JAMA Network Open, 2021, 4, e2116853.	5.9	9
7	Neuromodulation using ultra low frequency current waveform reversibly blocks axonal conduction and chronic pain. Science Translational Medicine, 2021, 13, .	12.4	20
8	The association between painâ€induced autonomic reactivity and descending pain control is mediated by the periaqueductal grey. Journal of Physiology, 2021, 599, 5243-5260.	2.9	12
9	Methodology for quantifying excitability of identified projection neurons in the dorsal horn of the spinal cord, specifically to study spinal cord stimulation paradigms. Journal of Neuroscience Methods, 2020, 330, 108479.	2.5	8
10	Noxious pressure stimulation demonstrates robust, reliable estimates of brain activity and self-reported pain. NeuroImage, 2020, 221, 117178.	4.2	8
11	Cortical Mechanisms of Single-Pulse Transcranial Magnetic Stimulation in Migraine. Neurotherapeutics, 2020, 17, 1973-1987.	4.4	14
12	The impact of bone cancer on the peripheral encoding of mechanical pressure stimuli. Pain, 2020, 161, 1894-1905.	4.2	13
13	Sustained perturbation in functional connectivity induced by cold pain. European Journal of Pain, 2020, 24, 1850-1861.	2.8	6
14	Granulocyte-Macrophage Colony Stimulating Factor As an Indirect Mediator of Nociceptor Activation and Pain. Journal of Neuroscience, 2020, 40, 2189-2199.	3.6	22
15	Linking Pain Sensation to the Autonomic Nervous System: The Role of the Anterior Cingulate and Periaqueductal Gray Resting-State Networks. Frontiers in Neuroscience, 2020, 14, 147.	2.8	45
16	Changes in the transcriptional fingerprint of satellite glial cells following peripheral nerve injury. Glia, 2020, 68, 1375-1395.	4.9	65
17	An ATF3-CreERT2 Knock-In Mouse for Axotomy-Induced Genetic Editing: Proof of Principle. ENeuro, 2019, 6, ENEURO.0025-19.2019.	1.9	19
18	The role of NaV channels in synaptic transmission after axotomy in a microfluidic culture platform. Scientific Reports, 2019, 9, 12915.	3.3	27

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19	Noncanonical Ion Channel Behaviour in Pain. International Journal of Molecular Sciences, 2019, 20, 4572.	4.1	8
20	Comprehensive analysis of long noncoding RNA expression in dorsal root ganglion reveals cell-type specificity and dysregulation after nerve injury. Pain, 2019, 160, 463-485.	4.2	45
21	Disruption of the Sensory System Affects Sterile Cutaneous Inflammation InÂVivo. Journal of Investigative Dermatology, 2019, 139, 1936-1945.e3.	0.7	12
22	On-target and off-target effects of novel orthosteric and allosteric activators of GPR84. Scientific Reports, 2019, 9, 1861.	3.3	20
23	A refinement to the formalin test in mice. F1000Research, 2019, 8, 891.	1.6	13
24	A refinement to the formalin test in mice. F1000Research, 2019, 8, 891.	1.6	16
25	Immune or Genetic-Mediated Disruption of CASPR2 Causes Pain Hypersensitivity Due to Enhanced Primary Afferent Excitability. Neuron, 2018, 97, 806-822.e10.	8.1	119
26	Immune Cytokines and Their Receptors in Inflammatory Pain. Trends in Immunology, 2018, 39, 240-255.	6.8	165
27	Mice lacking Kcns1 in peripheral neurons show increased basal and neuropathic pain sensitivity. Pain, 2018, 159, 1641-1651.	4.2	23
28	Stroke recovery in rats after 24hâ€delayed, intramuscular neurotrophinâ€3 infusion. Annals of Neurology, 2018, 85, 32-46.	5.3	25
29	Negative Evidence for a Functional Role of Neuronal DNMT3a in Persistent Pain. Frontiers in Molecular Neuroscience, 2018, 11, 332.	2.9	12
30	Neuromodulation in the restoration of function after spinal cord injury. Lancet Neurology, The, 2018, 17, 905-917.	10.2	119
31	Large ScaleIn VivoRecording of Sensory Neuron Activity with GCaMP6. ENeuro, 2018, 5, ENEURO.0417-17.2018.	1.9	63
32	Neurotrophic factors and their inhibitors in chronic pain treatment. Neurobiology of Disease, 2017, 97, 127-138.	4.4	37
33	Peripheral inflammatory pain sensitisation is independent of mast cell activation in male mice. Pain, 2017, 158, 1314-1322.	4.2	22
34	Neurobiological basis for pain vulnerability: why me?. Pain, 2017, 158, S108-S114.	4.2	26
35	Nerve Growth Factor and Pain Mechanisms. Annual Review of Neuroscience, 2017, 40, 307-325.	10.7	179
36	Sensory processing of deep tissue nociception in the rat spinal cord and thalamic ventrobasal complex. Physiological Reports, 2017, 5, e13323.	1.7	19

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37	Using an engineered glutamate-gated chloride channel to silence sensory neurons and treat neuropathic pain at the source. Brain, 2017, 140, 2570-2585.	7.6	50
38	Sex differences in peripheral not central immune responses to pain-inducing injury. Scientific Reports, 2017, 7, 16460.	3.3	92
39	Manipulating the extracellular matrix: an animal model of the bladder pain syndrome. Pain, 2017, 158, 161-170.	4.2	8
40	Transplantation of Cultured Olfactory Bulb Cells Prevents Abnormal Sensory Responses during Recovery from Dorsal Root Avulsion in the Rat. Cell Transplantation, 2017, 26, 913-924.	2.5	9
41	Structural and Functional Substitution of Deleted Primary Sensory Neurons by New Growth from Intrinsic Spinal Cord Nerve Cells: An Alternative Concept in Reconstruction of Spinal Cord Circuits. Frontiers in Neurology, 2017, 8, 358.	2.4	4
42	The Molecular Fingerprint of Dorsal Root and Trigeminal Ganglion Neurons. Frontiers in Molecular Neuroscience, 2017, 10, 304.	2.9	108
43	Persistent Alterations in Microglial Enhancers in a Model of Chronic Pain. Cell Reports, 2016, 15, 1771-1781.	6.4	121
44	Ultraviolet Radiation on the Skin: A Painful Experience?. CNS Neuroscience and Therapeutics, 2016, 22, 118-126.	3.9	47
45	Neuregulin-1 controls an endogenous repair mechanism after spinal cord injury. Brain, 2016, 139, 1394-1416.	7.6	69
46	The Expression of Inflammatory Mediators in Bladder Pain Syndrome. European Urology, 2016, 70, 283-290.	1.9	44
47	Altered potassium channel distribution and composition in myelinated axons suppresses hyperexcitability following injury. ELife, 2016, 5, e12661.	6.0	43
48	Human psychophysics and rodent spinal neurones exhibit peripheral and central mechanisms of inflammatory pain in the UVB and UVB heat rekindling models. Journal of Physiology, 2015, 593, 4029-4042.	2.9	26
49	Tamoxifen induces cellular stress in the nervous system by inhibiting cholesterol synthesis. Acta Neuropathologica Communications, 2015, 3, 74.	5.2	32
50	Dimethylarginine dimethylaminohydrolase 1 is involved in spinal nociceptive plasticity. Pain, 2015, 156, 2052-2060.	4.2	9
51	Crosstalk between the nociceptive and immune systems in host defence and disease. Nature Reviews Neuroscience, 2015, 16, 389-402.	10.2	148
52	The Role of G-Protein Receptor 84 in Experimental Neuropathic Pain. Journal of Neuroscience, 2015, 35, 8959-8969.	3.6	48
53	HDAC4 is required for inflammation-associated thermal hypersensitivity. FASEB Journal, 2015, 29, 3370-3378.	0.5	28
54	Short-term effect of acute and repeated urinary bladder inflammation on thigmotactic behaviour in the laboratory rat. F1000Research, 2015, 4, 109.	1.6	16

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55	Molecular Mechanisms Underlying the Enhanced Analgesic Effect of Oxycodone Compared to Morphine in Chemotherapy-Induced Neuropathic Pain. PLoS ONE, 2014, 9, e91297.	2.5	43
56	Defining the nociceptor transcriptome. Frontiers in Molecular Neuroscience, 2014, 7, 87.	2.9	131
57	Botulinum toxinâ€¤ treatment reduces human mechanical pain sensitivity and mechanotransduction. Annals of Neurology, 2014, 75, 591-596.	5.3	47
58	A Comparison of RNA-Seq and Exon Arrays for Whole Genome Transcription Profiling of the L5 Spinal Nerve Transection Model of Neuropathic Pain in the Rat. Molecular Pain, 2014, 10, 1744-8069-10-7.	2.1	75
59	Kv2 dysfunction after peripheral axotomy enhances sensory neuron responsiveness to sustained input. Experimental Neurology, 2014, 251, 115-126.	4.1	64
60	Opening paths to novel analgesics: the role of potassium channels in chronic pain. Trends in Neurosciences, 2014, 37, 146-158.	8.6	231
61	Pain vulnerability: a neurobiological perspective. Nature Neuroscience, 2014, 17, 192-200.	14.8	292
62	Genome-Wide Transcriptional Profiling of Skin and Dorsal Root Ganglia after Ultraviolet-B-Induced Inflammation. PLoS ONE, 2014, 9, e93338.	2.5	46
63	PainNetworks: A web-based resource for the visualisation of pain-related genes in the context of their network associations. Pain, 2013, 154, 2586e1-2586e12.	4.2	50
64	A Microchannel Neuroprosthesis for Bladder Control After Spinal Cord Injury in Rat. Science Translational Medicine, 2013, 5, 210ra155.	12.4	101
65	Chemokine Expression in Peripheral Tissues from the Monosodium Lodoacetate Model of Chronic Joint Pain. Molecular Pain, 2013, 9, 1744-8069-9-57.	2.1	31
66	Genes and epigenetic processes as prospective pain targets. Genome Medicine, 2013, 5, 12.	8.2	57
67	HDAC inhibitors attenuate the development of hypersensitivity in models of neuropathic pain. Pain, 2013, 154, 1668-1679.	4.2	135
68	Chemokines as peripheral pain mediators. Neuroscience Letters, 2013, 557, 1-8.	2.1	37
69	Chronic cough and pain: Janus faces in sensory neurobiology?. Pulmonary Pharmacology and Therapeutics, 2013, 26, 476-485.	2.6	52
70	Characterisation and mechanisms of bradykinin-evoked pain in man using iontophoresis. Pain, 2013, 154, 782-792.	4.2	22
71	Axonal neuregulin 1 is a rate limiting but not essential factor for nerve remyelination. Brain, 2013, 136, 2279-2297.	7.6	73
72	Probing Functional Properties of Nociceptive Axons Using a Microfluidic Culture System. PLoS ONE, 2013, 8, e80722.	2.5	45

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73	Synthesis of Lipid Mediators during UVB-Induced Inflammatory Hyperalgesia in Rats and Mice. PLoS ONE, 2013, 8, e81228.	2.5	41
74	Genes Contributing to Pain Sensitivity in the Normal Population: An Exome Sequencing Study. PLoS Genetics, 2012, 8, e1003095.	3.5	49
75	A regenerative microchannel neural interface for recording from and stimulating peripheral axonsin vivo. Journal of Neural Engineering, 2012, 9, 016010.	3.5	52
76	Sensory Neuron Downregulation of the Kv9.1 Potassium Channel Subunit Mediates Neuropathic Pain following Nerve Injury. Journal of Neuroscience, 2012, 32, 17502-17513.	3.6	86
77	Chondroitinase ABC promotes plasticity of spinal reflexes following peripheral nerve injury. Experimental Neurology, 2012, 238, 64-78.	4.1	15
78	Chronic Pain: Emerging Evidence for the Involvement of Epigenetics. Neuron, 2012, 73, 435-444.	8.1	240
79	Delayed treatment with Chondroitinase ABC reverses chronic atrophy of rubrospinal neurons following spinal cord injury. Experimental Neurology, 2011, 228, 149-156.	4.1	47
80	Specific Involvement of Atypical PKCÎ¾/PKMÎ¾ in Spinal Persistent Nociceptive Processing following Peripheral Inflammation in Rat. Molecular Pain, 2011, 7, 1744-8069-7-86.	2.1	38
81	New molecules for the treatment of pain. Current Opinion in Supportive and Palliative Care, 2011, 5, 111-115.	1.3	20
82	Conduction Failure following Spinal Cord Injury: Functional and Anatomical Changes from Acute to Chronic Stages. Journal of Neuroscience, 2011, 31, 18543-18555.	3.6	103
83	Perturbing PSD-95 Interactions With NR2B-subtype Receptors Attenuates Spinal Nociceptive Plasticity and Neuropathic Pain. Molecular Therapy, 2011, 19, 1780-1792.	8.2	80
84	CXCL5 Mediates UVB Irradiationâ€“Induced Pain. Science Translational Medicine, 2011, 3, 90ra60.	12.4	97
85	Flexible and stretchable micro-electrodes for in vitro and in vivo neural interfaces. Medical and Biological Engineering and Computing, 2010, 48, 945-954.	2.8	226
86	A retinoic acid receptor Î² agonist (CD2019) overcomes inhibition of axonal outgrowth via phosphoinositide 3-kinase signalling in the injured adult spinal cord. Neurobiology of Disease, 2010, 37, 147-155.	4.4	49
87	Ultraviolet-B-induced mechanical hyperalgesia: A role for peripheral sensitisation. Pain, 2010, 150, 141-152.	4.2	57
88	Identification of perineal sensory neurons activated by innocuous heat. Journal of Comparative Neurology, 2010, 518, 137-162.	1.6	23
89	Endogenous Purinergic Control of Bladder Activity via Presynaptic P2X₃and P2X_{2/3}Receptors in the Spinal Cord. Journal of Neuroscience, 2010, 30, 4503-4507.	3.6	35
90	P2X7-Dependent Release of Interleukin-1Î² and Nociception in the Spinal Cord following Lipopolysaccharide. Journal of Neuroscience, 2010, 30, 573-582.	3.6	261

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91	Cortical Overexpression of Neuronal Calcium Sensor-1 Induces Functional Plasticity in Spinal Cord Following Unilateral Pyramidal Tract Injury in Rat. PLoS Biology, 2010, 8, e1000399.	5.6	60
92	Systemic blockade of P2X3 and P2X2/3 receptors attenuates bone cancer pain behaviour in rats. Brain, 2010, 133, 2549-2564.	7.6	110
93	Sensory Axon-Derived Neuregulin-1 Is Required for Axoglial Signaling and Normal Sensory Function But Not for Long-Term Axon Maintenance. Journal of Neuroscience, 2009, 29, 7667-7678.	3.6	46
94	Long Micro-Channel Electrode Arrays: A Novel Type of Regenerative Peripheral Nerve Interface. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2009, 17, 454-460.	4.9	65
95	Microchannel Electrodes for Recording and Stimulation:In VitroEvaluation. IEEE Transactions on Biomedical Engineering, 2009, 56, 1524-1534.	4.2	39
96	Expression of the regenerationâ€associated protein SPRR1A in primary sensory neurons and spinal cord of the adult mouse following peripheral and central injury. Journal of Comparative Neurology, 2009, 513, 51-68.	1.6	65
97	Comparison of dorsal root ganglion gene expression in rat models of traumatic and HIVâ€associated neuropathic pain. European Journal of Pain, 2009, 13, 387-398.	2.8	83
98	Effects of Etanercept and Minocycline in a rat model of spinal cord injury. European Journal of Pain, 2009, 13, 673-681.	2.8	130
99	CCL2 is a key mediator of microglia activation in neuropathic pain states. European Journal of Pain, 2009, 13, 263-272.	2.8	283
100	UltravioletâB induced inflammation of human skin: Characterisation and comparison with traditional models of hyperlagesia. European Journal of Pain, 2009, 13, 524-532.	2.8	85
101	Mice lacking acidâ€sensing ion channels (ASIC) 1 or 2, but not ASIC3, show increased pain behaviour in the formalin test. European Journal of Pain, 2009, 13, 554-563.	2.8	53
102	Current Challenges in Glia-Pain Biology. Neuron, 2009, 64, 46-54.	8.1	295
103	Future Treatment Strategies for Neuropathic Pa. Handbook of Experimental Pharmacology, 2009, , 589-615.	1.8	21
104	Microchannels as Axonal Amplifiers. IEEE Transactions on Biomedical Engineering, 2008, 55, 1136-1146.	4.2	61
105	Phosphatidylinositol 3-Kinase Is a Key Mediator of Central Sensitization in Painful Inflammatory Conditions. Journal of Neuroscience, 2008, 28, 4261-4270.	3.6	131
106	Chondroitinase ABC-Mediated Plasticity of Spinal Sensory Function. Journal of Neuroscience, 2008, 28, 11998-12009.	3.6	102
107	The Yellow Fluorescent Protein (YFP-H) Mouse Reveals Neuroprotection as a Novel Mechanism Underlying Chondroitinase ABC-Mediated Repair after Spinal Cord Injury. Journal of Neuroscience, 2008, 28, 14107-14120.	3.6	100
108	Neurotrophic Influences on Neuropathic Pain. Novartis Foundation Symposium, 2008, , 68-102.	1.1	19

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109	The activation of the ERK pathway contributes to the spinal c-fosexpression observed after noxious bladder stimulation. Somatosensory & Motor Research, 2007, 24, 15-20.	0.9	26
110	Characterization of rodent models of HIV-gp120 and anti-retroviral-associated neuropathic pain. Brain, 2007, 130, 2688-2702.	7.6	160
111	Heritability of responses to painful stimuli in women: a classical twin study. Brain, 2007, 130, 3041-3049.	7.6	176
112	Transplanted neural progenitor cells survive and differentiate but achieve limited functional recovery in the lesioned adult rat spinal cord. Regenerative Medicine, 2007, 2, 929-945.	1.7	49
113	Pathophysiology of Peripheral Neuropathic Pain: Immune Cells and Molecules. Anesthesia and Analgesia, 2007, 105, 838-847.	2.2	317
114	Pharmacological, behavioural and mechanistic analysis of HIV-1 gp120 induced painful neuropathy. Pain, 2007, 133, 47-63.	4.2	145
115	Modulation of Acid-Sensing Ion Channel Activity by Nitric Oxide. Journal of Neuroscience, 2007, 27, 13251-13260.	3.6	131
116	Mediadores inflamatorios y moduladores del dolor. , 2007, , 49-72.		0
117	Role of spinal microglia in rat models of peripheral nerve injury and inflammation. European Journal of Pain, 2007, 11, 223-230.	2.8	213
118	Nerve Injury Induces Robust Allodynia and Ectopic Discharges in Nav1.3 Null Mutant Mice. Molecular Pain, 2006, 2, 1744-8069-2-33.	2.1	138
119	Reversal of neurochemical changes and pain-related behavior in a model of neuropathic pain using modified lentiviral vectors expressing GDNF. Molecular Therapy, 2006, 13, 1101-1109.	8.2	62
120	Spinal ERK activation contributes to the regulation of bladder function in spinal cord injured rats. Experimental Neurology, 2006, 200, 66-73.	4.1	26
121	Increasingly Irritable and Close to Tears: TRPA1 in Inflammatory Pain. Cell, 2006, 124, 1123-1125.	28.9	59
122	NEUROTROPHINS: Mediators and Modulators of Pain. Annual Review of Neuroscience, 2006, 29, 507-538.	10.7	758
123	Nociceptor-derived brain-derived neurotrophic factor regulates acute and inflammatory but not neuropathic pain. Molecular and Cellular Neurosciences, 2006, 31, 539-548.	2.2	148
124	Interactions between retinoic acid, nerve growth factor and sonic hedgehog signalling pathways in neurite outgrowth. Developmental Biology, 2006, 298, 167-175.	2.0	36
125	ATF3 expression in L4 dorsal root ganglion neurons after L5 spinal nerve transection. European Journal of Neuroscience, 2006, 23, 365-373.	2.6	81
126	Rapid co-release of interleukin 1? and caspase 1 in spinal cord inflammation. Journal of Neurochemistry, 2006, 99, 868-880.	3.9	97

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127	Artemin has potent neurotrophic actions on injured C-fibres. Journal of the Peripheral Nervous System, 2006, 11, 330-345.	3.1	42
128	Retinoic acid receptor Î²2 promotes functional regeneration of sensory axons in the spinal cord. Nature Neuroscience, 2006, 9, 243-250.	14.8	119
129	Spinal cord repair strategies: why do they work?. Nature Reviews Neuroscience, 2006, 7, 644-653.	10.2	309
130	Lentiviral vector expressing retinoic acid receptor Î²2 promotes recovery of function after corticospinal tract injury in the adult rat spinal cord. Human Molecular Genetics, 2006, 15, 3107-3118.	2.9	80
131	A clonal cell line from immortalized olfactory ensheathing glia promotes functional recovery in the injured spinal cord. Molecular Therapy, 2006, 13, 598-608.	8.2	49
132	Inflammatory mediators and modulators of pain. , 2006, , 49-72.		55
133	Increased spinal cord phosphorylation of extracellular signal-regulated kinases mediates micturition overactivity in rats with chronic bladder inflammation. European Journal of Neuroscience, 2005, 21, 773-781.	2.6	54
134	Activity-dependent phosphorylation of Akt/PKB in adult DRG neurons. European Journal of Neuroscience, 2005, 21, 1785-1797.	2.6	45
135	Role of the Immune system in chronic pain. Nature Reviews Neuroscience, 2005, 6, 521-532.	10.2	953
136	P2X2knockout mice and P2X2/P2X3double knockout mice reveal a role for the P2X2receptor subunit in mediating multiple sensory effects of ATP. Journal of Physiology, 2005, 567, 621-639.	2.9	334
137	TrkB expression and phospho-ERK activation by brain-derived neurotrophic factor in rat spinothalamic tract neurons. Journal of Comparative Neurology, 2005, 489, 59-68.	1.6	42
138	Therapeutic Potential of Neurotrophic Factors. , 2005, , 419-431.		1
139	Conditioning Injury-Induced Spinal Axon Regeneration Requires Signal Transducer and Activator of Transcription 3 Activation. Journal of Neuroscience, 2005, 25, 1645-1653.	3.6	242
140	Regulation of neuropilin 1 by spinal cord injury in adult rats. Molecular and Cellular Neurosciences, 2005, 28, 475-484.	2.2	15
141	Immune and glial cell factors as pain mediators and modulators. Experimental Neurology, 2005, 192, 444-462.	4.1	380
142	Assessing behavioural function following a pyramidotomy lesion of the corticospinal tract in adult mice. Experimental Neurology, 2005, 195, 524-539.	4.1	155
143	Inhibition of ERK phosphorylation decreases nociceptive behaviour in monoarthritic rats. Pain, 2005, 116, 411-419.	4.2	74
144	Conditioning Injury-Induced Spinal Axon Regeneration Fails in Interleukin-6 Knock-Out Mice. Journal of Neuroscience, 2004, 24, 4432-4443.	3.6	238

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145	NGF and GDNF ameliorate the increase in ATF3 expression which occurs in dorsal root ganglion cells in response to peripheral nerve injury. European Journal of Neuroscience, 2004, 19, 1437-1445.	2.6	104
146	Brain-derived neurotrophic factor induces NMDA receptor subunit one phosphorylation via ERK and PKC in the rat spinal cord. European Journal of Neuroscience, 2004, 20, 1769-1778.	2.6	138
147	Ultraviolet Radiation-Induced Inflammation as a Model for Cutaneous Hyperalgesia. Journal of Investigative Dermatology, 2004, 122, 183-189.	0.7	58
148	Plasticity of pain signaling: Role of neurotrophic factors exemplified by acid-induced pain. Journal of Neurobiology, 2004, 61, 72-87.	3.6	45
149	Acid-Induced Pain and Its Modulation in Humans. Journal of Neuroscience, 2004, 24, 10974-10979.	3.6	220
150	Neurotrophic influences on neuropathic pain. Novartis Foundation Symposium, 2004, 261, 68-92; discussion 92-102, 149-54.	1.1	8
151	EphB receptors and ephrin-B ligands regulate spinal sensory connectivity and modulate pain processing. Nature Neuroscience, 2003, 6, 339-340.	14.8	111
152	Glial cell line-derived neurotrophic factor increases calcitonin gene-related peptide immunoreactivity in sensory and motoneurons in vivo. European Journal of Neuroscience, 2003, 18, 2713-2721.	2.6	58
153	The signaling components of sensory fiber transmission involved in the activation of ERK MAP kinase in the mouse dorsal horn. Molecular and Cellular Neurosciences, 2003, 24, 259-270.	2.2	74
154	Molecular forms of NGF in human and rat neuropathic tissues: decreased NGF precursor-like immunoreactivity in human diabetic skin. Journal of the Peripheral Nervous System, 2002, 7, 190-197.	3.1	40
155	Neurotrophin-3-Mediated Regeneration and Recovery of Proprioception Following Dorsal Rhizotomy. Molecular and Cellular Neurosciences, 2002, 19, 239-249.	2.2	95
156	Noxious Stimulation Induces Trk Receptor and Downstream ERK Phosphorylation in Spinal Dorsal Horn. Molecular and Cellular Neurosciences, 2002, 21, 684-695.	2.2	121
157	BDNF: a neuromodulator in nociceptive pathways?. Brain Research Reviews, 2002, 40, 240-249.	9.0	189
158	P2X RECEPTORS AND THEIR ROLE IN FEMALE IDIOPATHIC DETRUSOR INSTABILITY. Journal of Urology, 2002, 167, 157-164.	0.4	179
159	Chondroitinase ABC promotes functional recovery after spinal cord injury. Nature, 2002, 416, 636-640.	27.8	2,090
160	P2X RECEPTORS AND THEIR ROLE IN FEMALE IDIOPATHIC DETRUSOR INSTABILITY. Journal of Urology, 2002, , 157-164.	0.4	4
161	Endogenous galanin potentiates spinal nociceptive processing following inflammation. Pain, 2001, 93, 267-277.	4.2	50
162	A QUANTITATIVE ANALYSIS OF PURINOCEPTOR EXPRESSION IN HUMAN FETAL AND ADULT BLADDERS. Journal of Urology, 2001, 165, 1730-1734.	0.4	76

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163	Leukemia Inhibitory Factor Determines the Growth Status of Injured Adult Sensory Neurons. Journal of Neuroscience, 2001, 21, 7161-7170.	3.6	179
164	Two-Tiered Inhibition of Axon Regeneration at the Dorsal Root Entry Zone. Journal of Neuroscience, 2001, 21, 2651-2660.	3.6	86
165	A role for the TTX-resistant sodium channel Nav 1.8 in NGF-induced hyperalgesia, but not neuropathic pain. NeuroReport, 2001, 12, 3077-3080.	1.2	200
166	Endogenous galanin is required for the full expression of central sensitization following peripheral nerve injury. NeuroReport, 2001, 12, 3331-3334.	1.2	21
167	Brain-Derived Neurotrophic Factor Is Released in the Dorsal Horn by Distinctive Patterns of Afferent Fiber Stimulation. Journal of Neuroscience, 2001, 21, 4469-4477.	3.6	272
168	Nerve growth factor induces P2X3 expression in sensory neurons. Journal of Neurochemistry, 2001, 77, 864-875.	3.9	151
169	Selective activation of nociceptors by P2X receptor agonists in normal and inflamed rat skin. Journal of Physiology, 2001, 534, 437-445.	2.9	107
170	Axon regeneration across the dorsal root entry zone. Progress in Brain Research, 2001, 132, 621-639.	1.4	30
171	ATP in human skin elicits a dose-related pain response which is potentiated under conditions of hyperalgesia. Brain, 2000, 123, 1238-1246.	7.6	151
172	Intrathecally injected neurotrophins and the release of substance P from the rat isolated spinal cord. European Journal of Neuroscience, 2000, 12, 139-144.	2.6	60
173	Abnormal substance P release from the spinal cord following injury to primary sensory neurons. European Journal of Neuroscience, 2000, 12, 397-399.	2.6	95
174	Galanin knockout mice reveal nociceptive deficits following peripheral nerve injury. European Journal of Neuroscience, 2000, 12, 793-802.	2.6	119
175	Functional regeneration of sensory axons into the adult spinal cord. Nature, 2000, 403, 312-316.	27.8	492
176	Urinary bladder hyporeflexia and reduced pain-related behaviour in P2X3-deficient mice. Nature, 2000, 407, 1011-1015.	27.8	956
177	The Glial Cell Line-Derived Neurotrophic Factor Family Receptor Components Are Differentially Regulated within Sensory Neurons after Nerve Injury. Journal of Neuroscience, 2000, 20, 427-437.	3.6	154
178	The biological role of galanin in normal and neuropathic states. Progress in Brain Research, 2000, 129, 219-230.	1.4	14
179	Cannabinoid CB1 Receptor Expression in Rat Spinal Cord. Molecular and Cellular Neurosciences, 2000, 15, 510-521.	2.2	241
180	Keeping in touch: sensory neurone regeneration in the CNS. Trends in Pharmacological Sciences, 2000, 21, 389-394.	8.7	40

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181	Potent Analgesic Effects of GDNF in Neuropathic Pain States. Science, 2000, 290, 124-127.	12.6	482
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