

Martin Schmelz

List of Publications by Year in descending order

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Version: 2024-02-01

268
papers

17,167
citations

11651

70
h-index

17592

121
g-index

288
all docs

288
docs citations

288
times ranked

10507
citing authors

#	ARTICLE	IF	CITATIONS
1	Erik Torebj�rk, MD PhD, Professor of Clinical Pain Research 1939��2021 Forerunner and lead researcher of human nociceptor research. <i>European Journal of Pain</i> , 2022, 26, 275-279.	2.8	0
2	Cold allodynia is correlated to paroxysmal and evoked mechanical pain in complex regional pain syndrome (CRPS). <i>Scandinavian Journal of Pain</i> , 2022, 22, 533-542.	1.3	4
3	Bradykinin-Induced Sensitization of Transient Receptor Potential Channel Melastatin 3 Calcium Responses in Mouse Nociceptive Neurons. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 843225.	3.7	2
4	Local hyperexcitability of C-nociceptors may predict responsiveness to topical lidocaine in neuropathic pain. <i>PLoS ONE</i> , 2022, 17, e0271327.	2.5	2
5	Mechanisms and therapeutic targets for neuropathic itch. <i>Current Opinion in Neurobiology</i> , 2022, 75, 102573.	4.2	3
6	Nerve growth factor sensitizes nociceptors to C�fibre selective supra��threshold electrical stimuli in human skin. <i>European Journal of Pain</i> , 2021, 25, 385-397.	2.8	13
7	Mechanical sensitization, increased axonal excitability, and spontaneous activity in C-nociceptors after ultraviolet B irradiation in pig skin. <i>Pain</i> , 2021, 162, 2002-2013.	4.2	4
8	Hyperinsulinemia and insulin resistance in the obese may develop as part of a homeostatic response to elevated free fatty acids: A mechanistic case-control and a population-based cohort study. <i>EBioMedicine</i> , 2021, 65, 103264.	6.1	51
9	How Do Neurons Signal Itch?. <i>Frontiers in Medicine</i> , 2021, 8, 643006.	2.6	14
10	Reply to Vollert et al.. <i>Pain</i> , 2021, 162, 1274-1275.	4.2	2
11	Simple but Complex��A Laying Hen Study as Proof of Concept of a Novel Method for Cognitive Enrichment and Research. <i>Frontiers in Animal Science</i> , 2021, 2, .	1.9	4
12	A genome-wide screen reveals microRNAs in peripheral sensory neurons driving painful diabetic neuropathy. <i>Pain</i> , 2021, 162, 1334-1351.	4.2	12
13	Axonal GABA A stabilizes excitability in unmyelinated sensory axons secondary to NKCC1 activity. <i>Journal of Physiology</i> , 2021, 599, 4065-4084.	2.9	11
14	Editorial: Pruritus Medicine. <i>Frontiers in Medicine</i> , 2021, 8, 763667.	2.6	1
15	Maximum axonal following frequency separates classes of cutaneous unmyelinated nociceptors in the pig. <i>Journal of Physiology</i> , 2021, 599, 1595-1610.	2.9	8
16	What can we learn from the failure of quantitative sensory testing?. <i>Pain</i> , 2021, 162, 663-664.	4.2	24
17	A systematic review of porcine models in translational pain research. <i>Lab Animal</i> , 2021, 50, 313-326.	0.4	4
18	Reply to Bordeleau et al.. <i>Pain</i> , 2021, 162, 2780-2780.	4.2	1

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19	Microinjection of pruritogens in NGF-sensitized human skin. <i>Scientific Reports</i> , 2021, 11, 21490.	3.3	6
20	Sympathetic efferent neurons are less sensitive than nociceptors to 4 Hz sinusoidal stimulation. <i>European Journal of Pain</i> , 2020, 24, 122-133.	2.8	6
21	Optimizing selective stimulation of peripheral nerves with arrays of coils or surface electrodes using a linear peripheral nerve stimulation metric. <i>Journal of Neural Engineering</i> , 2020, 17, 016029.	3.5	14
22	Slow depolarizing stimuli differentially activate mechanosensitive and silent C nociceptors in human and pig skin. <i>Pain</i> , 2020, 161, 2119-2128.	4.2	15
23	Schwann Cell Autocrine and Paracrine Regulatory Mechanisms, Mediated by Allopregnanolone and BDNF, Modulate PKC β in Peripheral Sensory Neurons. <i>Cells</i> , 2020, 9, 1874.	4.1	13
24	TTX-Resistant Sodium Channels Functionally Separate Silent From Polymodal C-nociceptors. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 13.	3.7	7
25	Involvement of small nerve fibres and autonomic nervous system in AL amyloidosis: comprehensive characteristics and clinical implications. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2020, 27, 103-110.	3.0	11
26	Peripheral input and phantom limb pain: A somatosensory event-related potential study. <i>European Journal of Pain</i> , 2020, 24, 1314-1329.	2.8	4
27	Transcutaneous Slowly Depolarizing Currents Elicit Pruritus in Patients with Atopic Dermatitis. <i>Acta Dermato-Venereologica</i> , 2020, 100, adv00302.	1.3	7
28	Selective Nerve Fibre Activation in Patients with Generalized Chronic Pruritus: Hint for Central Sensitization?. <i>Acta Dermato-Venereologica</i> , 2019, 99, 1009-1015.	1.3	7
29	Itch Processing in the Skin. <i>Frontiers in Medicine</i> , 2019, 6, 167.	2.6	29
30	Objective Methods for Breast Sensibility Testing. <i>Plastic and Reconstructive Surgery</i> , 2019, 143, 398-404.	1.4	6
31	Sensory Qualities Point to Different Structural and Functional Skin Patterns in Chronic Pruritus Patients. A Translational Explorative Study. <i>Acta Dermato-Venereologica</i> , 2019, 99, 668-674.	1.3	7
32	Skin microdialysis: methods, applications and future opportunities – an EAACI position paper. <i>Clinical and Translational Allergy</i> , 2019, 9, 24.	3.2	26
33	Neuropathic itch. <i>Pain</i> , 2019, 160, S11-S16.	4.2	30
34	The role of Nav1.7 in human nociceptors: insights from human induced pluripotent stem cell-derived sensory neurons of erythromelalgia patients. <i>Pain</i> , 2019, 160, 1327-1341.	4.2	74
35	Nerve growth factor antibody for the treatment of osteoarthritis pain and chronic low-back pain: mechanism of action in the context of efficacy and safety. <i>Pain</i> , 2019, 160, 2210-2220.	4.2	78
36	Exploratory Study of Intracutaneous Histamine Stimulation in Patient Populations with Chronic Pruritus. <i>Acta Dermato-Venereologica</i> , 2019, 99, 291-297.	1.3	2

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37	Skin Barrier Damage and Itch: Review of Mechanisms, Topical Management and Future Directions. <i>Acta Dermato-Venereologica</i> , 2019, 99, 1201-1209.	1.3	92
38	Tuning in C�nociceptors to reveal mechanisms in chronic neuropathic pain. <i>Annals of Neurology</i> , 2018, 83, 945-957.	5.3	32
39	Quantitative sensory test correlates with neuropathy, not with pain. <i>Pain</i> , 2018, 159, 409-410.	4.2	18
40	Low-Frequency Stimulation of Silent Nociceptors Induces Secondary Mechanical Hyperalgesia in Human Skin. <i>Neuroscience</i> , 2018, 387, 4-12.	2.3	19
41	Nerve growth factor locally sensitizes nociceptors in human skin. <i>Pain</i> , 2018, 159, 416-426.	4.2	38
42	Local NGF and GDNF levels modulate morphology and function of porcine DRG neurites, In Vitro. <i>PLoS ONE</i> , 2018, 13, e0203215.	2.5	12
43	Clinical presentation, management, and pathophysiology of neuropathic itch. <i>Lancet Neurology</i> , The, 2018, 17, 709-720.	10.2	73
44	Impaired glyoxalase activity is associated with reduced expression of neurotrophic factors and pro�inflammatory processes in diabetic skin cells. <i>Experimental Dermatology</i> , 2017, 26, 44-50.	2.9	14
45	Sodium Channel Na_v1.8 Underlies TTX-Resistant Axonal Action Potential Conduction in Somatosensory C-Fibers of Distal Cutaneous Nerves. <i>Journal of Neuroscience</i> , 2017, 37, 5204-5214.	3.6	33
46	Decreased Axon Flare Reaction to Electrical Stimulation in Patients With Chronic Demyelinating Inflammatory Polyneuropathy. <i>Journal of Clinical Neurophysiology</i> , 2017, 34, 101-106.	1.7	2
47	Cognitive test batteries in animal cognition research: evaluating the past, present and future of comparative psychometrics. <i>Animal Cognition</i> , 2017, 20, 1003-1018.	1.8	88
48	Functional Characterization of At-Level Hypersensitivity in Patients With Spinal Cord Injury. <i>Journal of Pain</i> , 2017, 18, 66-78.	1.4	14
49	Isolation and cultivation of primary keratinocytes from piglet skin for compartmentalized co-culture with dorsal root ganglion neurons. <i>Journal of Cellular Biotechnology</i> , 2017, 2, 93-115.	0.5	2
50	Polyglycerol-opioid conjugate produces analgesia devoid of side effects. <i>ELife</i> , 2017, 6, .	6.0	32
51	Changes in Ionic Conductance Signature of Nociceptive Neurons Underlying Fabry Disease Phenotype. <i>Frontiers in Neurology</i> , 2017, 8, 335.	2.4	26
52	Distraction From Itch Shows Brainstem Activation Without Reduction in Experimental Itch Sensation. <i>Acta Dermato-Venereologica</i> , 2017, 97, 1074-1080.	1.3	8
53	SCN10A Mutation in a Patient with Erythromelalgia Enhances C-Fiber Activity Dependent Slowing. <i>PLoS ONE</i> , 2016, 11, e0161789.	2.5	35
54	Facial Erythema of Rosacea �� Aetiology, Different Pathophysiologies and Treatment Options. <i>Acta Dermato-Venereologica</i> , 2016, 96, 579-586.	1.3	70

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55	Mechano-insensitive nociceptors are required to detect heat pain thresholds and cowhage itch in human skin. <i>European Journal of Pain</i> , 2016, 20, 215-222.	2.8	9
56	Laser-evoked potentials mediated by mechano-insensitive nociceptors in human skin. <i>European Journal of Pain</i> , 2016, 20, 845-854.	2.8	10
57	Oxaliplatin-Induced Neuropathy: A Long-Term Clinical and Neurophysiologic Follow-Up Study. <i>Clinical Colorectal Cancer</i> , 2016, 15, e133-e140.	2.3	46
58	Microdialysis and proteomics of subcutaneous interstitial fluid reveals increased galectin-1 in type 2 diabetes patients. <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 998-1006.	3.4	23
59	Free Radical-derived Oxysterols: Novel Adipokines Modulating Adipogenic Differentiation of Adipose Precursor Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 4974-4983.	3.6	22
60	Pathological nociceptors in two patients with erythromelalgia-like symptoms and rare genetic Nav 1.9 variants. <i>Brain and Behavior</i> , 2016, 6, e00528.	2.2	21
61	Single-Fiber Recordings of Nociceptive Fibers in Patients With HSAN Type V With Congenital Insensitivity to Pain. <i>Clinical Journal of Pain</i> , 2016, 32, 636-642.	1.9	6
62	Effects of Current Density on Nociceptor Activation Upon Electrical Stimulation in Humans. <i>Pain Practice</i> , 2016, 16, 273-281.	1.9	9
63	Modulation of Pruritus: Peripheral and Central Sensitization. , 2016, , 39-47.		0
64	Interaction of Pruritus and Pain. , 2016, , 33-38.		0
65	Differential sensitization of silent nociceptors to low pH stimulation by prostaglandin E_2 in human volunteers. <i>European Journal of Pain</i> , 2015, 19, 159-166.	2.8	23
66	UV radiation induces CXCL5 expression in human skin. <i>Experimental Dermatology</i> , 2015, 24, 309-312.	2.9	12
67	Nociceptors in the skin: fire-raisers to be kept at bay?. <i>Experimental Dermatology</i> , 2015, 24, 732-733.	2.9	2
68	A comparison of spontaneous problem-solving abilities in three estrildid finch (<i>Taeniopygia guttata</i>), <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i> (Washington, D C: 1983), 2015, 129, 356-365.	0.5	11
69	Specific changes in conduction velocity recovery cycles of single nociceptors in a patient with erythromelalgia with the I848T gain-of-function mutation of Nav1.7. <i>Pain</i> , 2015, 156, 1637-1646.	4.2	32
70	Local anesthetics take a central action in analgesia. <i>Pain</i> , 2015, 156, 1579-1580.	4.2	7
71	Assessment of TTX-s and TTX-r Action Potential Conduction along Neurites of NGF and GDNF Cultured Porcine DRG Somata. <i>PLoS ONE</i> , 2015, 10, e0139107.	2.5	15
72	Differential analgesic effects of subanesthetic concentrations of lidocaine on spontaneous and evoked pain in human painful neuroma: A randomized, double blind study. <i>Scandinavian Journal of Pain</i> , 2015, 8, 37-44.	1.3	8

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73	C-Fiber Recovery Cycle Supernormality Depends on Ion Concentration and Ion Channel Permeability. <i>Biophysical Journal</i> , 2015, 108, 1057-1071.	0.5	20
74	Itch and Pain Differences and Commonalities. <i>Handbook of Experimental Pharmacology</i> , 2015, 227, 285-301.	1.8	31
75	Comparison of nerve growth factor-induced sensitization pattern in lumbar and tibial muscle and fascia. <i>Muscle and Nerve</i> , 2015, 52, 265-272.	2.2	22
76	Neurophysiology and Itch Pathways. <i>Handbook of Experimental Pharmacology</i> , 2015, 226, 39-55.	1.8	18
77	Modeling activity-dependent changes of axonal spike conduction in primary afferent C-nociceptors. <i>Journal of Neurophysiology</i> , 2014, 111, 1721-1735.	1.8	69
78	Axonal hyperexcitability after combined <scp>NGF</scp> sensitization and <scp>UV</scp>-induced <scp>B</scp> inflammation in humans. <i>European Journal of Pain</i> , 2014, 18, 785-793.	2.8	14
79	Exonic mutations in SCN9A (Na _v 1.7) are found in a minority of patients with erythromelalgia. <i>Scandinavian Journal of Pain</i> , 2014, 5, 217-225.	1.3	24
80	Differential Axonal Conduction Patterns of Mechano-Sensitive and Mechano-Insensitive Nociceptors – A Combined Experimental and Modelling Study. <i>PLoS ONE</i> , 2014, 9, e103556.	2.5	27
81	Sensitized pain response to bradykinin after sunburn - a human model for ongoing inflammatory pain?. <i>Pain</i> , 2013, 154, 769-770.	4.2	4
82	Epidermal Nerve Fibers Modulate Keratinocyte Growth via Neuropeptide Signaling in an Innervated Skin Model. <i>Journal of Investigative Dermatology</i> , 2013, 133, 1620-1628.	0.7	123
83	Evaluation of the effects of a metabotropic glutamate receptor 5-antagonist on electrically induced pain and central sensitization in healthy human volunteers. <i>European Journal of Pain</i> , 2013, 17, 1465-1471.	2.8	9
84	On the pharmacological effects of two lidocaine concentrations tested on spontaneous and evoked pain in human painful neuroma: A new clinical model of neuropathic pain. <i>Scandinavian Journal of Pain</i> , 2013, 4, 258-258.	1.3	0
85	Discriminative sensory characteristics of the lateral femoral cutaneous nerve after mepivacaine-induced block. <i>Scandinavian Journal of Pain</i> , 2013, 4, 95-100.	1.3	3
86	Modality-Specific Nociceptor Sensitization Following UV-B Irradiation of Human Skin. <i>Journal of Pain</i> , 2013, 14, 739-746.	1.4	14
87	Nerve growth factor induces sensitization of nociceptors without evidence for increased intraepidermal nerve fiber density. <i>Pain</i> , 2013, 154, 2500-2511.	4.2	56
88	Sunburn – A human inflammatory pain model for primary and secondary hyperalgesia. <i>Scandinavian Journal of Pain</i> , 2013, 4, 38-39.	1.3	3
89	Sphingosine-1-Phosphate-Induced Nociceptor Excitation and Ongoing Pain Behavior in Mice and Humans Is Largely Mediated by S1P3 Receptor. <i>Journal of Neuroscience</i> , 2013, 33, 2582-2592.	3.6	56
90	Polyneuropathy induced by HIV disease and antiretroviral therapy. <i>Clinical Neurophysiology</i> , 2013, 124, 176-182.	1.5	26

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91	Inflammation meets sensitization – an explanation for spontaneous nociceptor activity?. Pain, 2013, 154, 2707-2714.	4.2	17
92	NGF Sensitizes Nociceptors for Cowhage- but Not Histamine-Induced Itch in Human Skin. Journal of Investigative Dermatology, 2013, 133, 268-270.	0.7	47
93	Mechano-insensitive Nociceptors are Sufficient to Induce Histamine-induced Itch. Acta Dermato-Venereologica, 2013, 93, 394-399.	1.3	10
94	Objective Assessment of C-Fiber Function by Electrically Induced Axon Reflex Flare in Patients With Axonal and Demyelinating Polyneuropathy. Journal of Clinical Neurophysiology, 2013, 30, 422-427.	1.7	5
95	Axon reflex flare and quantitative sudomotor axon reflex contribute in the diagnosis of small fiber neuropathy. Muscle and Nerve, 2013, 47, 357-363.	2.2	30
96	Coculture Model of Sensory Neurites and Keratinocytes to Investigate Functional Interaction: Chemical Stimulation and Atomic Force Microscope – Transmitted Mechanical Stimulation Combined with Live-Cell Imaging. Journal of Investigative Dermatology, 2013, 133, 1387-1390.	0.7	25
97	Local nociceptor sensitization with <scp>NGF</scp>: Mechanical or heat hyperalgesia – la carte?. European Journal of Pain, 2013, 17, 467-468.	2.8	0
98	Sex Differences in Itch Perception and Modulation by Distraction – an fMRI Pilot Study in Healthy Volunteers. PLoS ONE, 2013, 8, e79123.	2.5	25
99	Atopic Keratinocytes Induce Increased Neurite Outgrowth in a Coculture Model of Porcine Dorsal Root Ganglia Neurons and Human Skin Cells. Journal of Investigative Dermatology, 2012, 132, 1892-1900.	0.7	81
100	Differential Effects of Low Dose Lidocaine on C-Fiber Classes in Humans. Journal of Pain, 2012, 13, 1232-1241.	1.4	18
101	NGF-evoked sensitization of muscle fascia nociceptors in humans. Pain, 2012, 153, 1673-1679.	4.2	87
102	Selective thoracic ganglionectomy for the treatment of segmental neuropathic pain. European Journal of Pain, 2012, 16, 1398-1402.	2.8	13
103	Skin innervation at different depths correlates with small fibre function but not with pain in neuropathic pain patients. European Journal of Pain, 2012, 16, 1414-1425.	2.8	43
104	High spontaneous activity of C-nociceptors in painful polyneuropathy. Pain, 2012, 153, 2040-2047.	4.2	148
105	Differential effects of lidocaine on nerve growth factor (<scp>NGF</scp>) – evoked heat – and mechanical hyperalgesia in humans. European Journal of Pain, 2012, 16, 543-549.	2.8	24
106	Does spontaneous activity in C-nociceptors provide a readout to quantify neuropathic pain?. Pain, 2012, 153, 5-6.	4.2	1
107	Double spikes to single electrical stimulation correlates to spontaneous activity of nociceptors in painful neuropathy patients. Pain, 2012, 153, 391-398.	4.2	23
108	The Differential Effects of Two Sodium Channel Modulators on the Conductive Properties of C-Fibers in Pig Skin In Vivo. Anesthesia and Analgesia, 2012, 115, 560-571.	2.2	17

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109	Local Gene Expression Changes after UV-Irradiation of Human Skin. <i>PLoS ONE</i> , 2012, 7, e39411.	2.5	28
110	Differential central pain processing following repetitive intramuscular proton/prostaglandin E ₂ injections in female fibromyalgia patients and healthy controls. <i>European Journal of Pain</i> , 2011, 15, 716-723.	2.8	24
111	Electrically induced quantitative sudomotor axon reflex test in human volunteers. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2011, 159, 111-116.	2.8	10
112	Neuronal sensitivity of the skin. <i>European Journal of Dermatology</i> , 2011, 21, 43-47.	0.6	21
113	Time course of acetylcholine-induced activation of sympathetic efferents matches axon reflex sweating in humans. <i>Journal of the Peripheral Nervous System</i> , 2011, 16, 30-36.	3.1	5
114	Pathogenesis of pruritus. <i>JDDG - Journal of the German Society of Dermatology</i> , 2011, 9, 456-463.	0.8	30
115	Pathogenese des Pruritus. <i>JDDG - Journal of the German Society of Dermatology</i> , 2011, 9, 456-463.	0.8	26
116	A study of serum concentrations and dermal levels of NGF in atopic dermatitis and healthy subjects. <i>Neuropeptides</i> , 2011, 45, 417-422.	2.2	38
117	Effects of COX inhibition on experimental pain and hyperalgesia during and after remifentanyl infusion in humans. <i>Pain</i> , 2011, 152, 1289-1297.	4.2	75
118	NGF enhances electrically induced pain, but not axon reflex sweating. <i>Pain</i> , 2011, 152, 1856-1863.	4.2	28
119	Nerve growth factor selectively decreases activity-dependent conduction slowing in mechano-insensitive C-nociceptors. <i>Pain</i> , 2011, 152, 2138-2146.	4.2	29
120	Structural and functional differences between neuropathy with and without pain?. <i>Experimental Neurology</i> , 2011, 231, 199-206.	4.1	50
121	Experimental thermal lesions induce beta-thromboglobulin release from activated platelets. <i>European Journal of Pain</i> , 2011, 15, 23-28.	2.8	7
122	Impaired Delivery of Insulin to Adipose Tissue and Skeletal Muscle in Obese Women with Postprandial Hyperglycemia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E1320-E1324.	3.6	29
123	Patterns of activity-dependent conduction velocity changes differentiate classes of unmyelinated mechano-insensitive afferents including cold nociceptors, in pig and in human. <i>Pain</i> , 2010, 148, 59-69.	4.2	62
124	NGF induces non-inflammatory localized and lasting mechanical and thermal hypersensitivity in human skin. <i>Pain</i> , 2010, 148, 407-413.	4.2	141
125	Nerve growth factor-evoked nociceptor sensitization in pig skin in vivo. <i>Journal of Neuroscience Research</i> , 2010, 88, 2066-2072.	2.9	17
126	Itch and pain. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 34, 171-176.	6.1	105

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127	Thoracoscopic Sympathectomy at the T2 or T3 Level Facilitates Bradykinin-Induced Protein Extravasation in Human Forearm Skin. <i>Pain Medicine</i> , 2010, 11, 774-780.	1.9	10
128	Cross-over evaluation of electrically induced pain and hyperalgesia. <i>Scandinavian Journal of Pain</i> , 2010, 1, 205-210.	1.3	7
129	Microneurographic single-unit recordings to assess receptive properties of afferent human C-fibers. <i>Neuroscience Letters</i> , 2010, 470, 158-161.	2.1	35
130	Single-fiber recordings of unmyelinated afferents in pig. <i>Neuroscience Letters</i> , 2010, 470, 175-179.	2.1	19
131	Pituitary Adenylate Cyclase Activating Polypeptide. <i>American Journal of Pathology</i> , 2010, 177, 2563-2575.	3.8	64
132	Modulation of Pruritus: Peripheral and Central Sensitisation. , 2010, , 27-31.		0
133	Interaction of Pruritus and Pain. , 2010, , 33-36.		1
134	Itch without painâ€”a labeled line for itch sensation?. <i>Nature Reviews Neurology</i> , 2009, 5, 640-641.	10.1	24
135	Differential endogenous pain modulation in complex-regional pain syndrome. <i>Brain</i> , 2009, 132, 788-800.	7.6	104
136	Acute Hyperinsulinemia Differentially Regulates Interstitial and Circulating Adiponectin Oligomeric Pattern in Lean and Insulin-Resistant, Obese Individuals. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 4508-4516.	3.6	23
137	Translating nociceptive processing into human pain models. <i>Experimental Brain Research</i> , 2009, 196, 173-178.	1.5	49
138	Comparison of electrically induced flare response patterns in human and pig skin. <i>Inflammation Research</i> , 2009, 58, 639-648.	4.0	12
139	Microneurographic assessment of Câ€fibre function in aged healthy subjects. <i>Journal of Physiology</i> , 2009, 587, 419-428.	2.9	68
140	Neural fractalkine expression is closely linked to pain and pancreatic neuritis in human chronic pancreatitis. <i>Laboratory Investigation</i> , 2009, 89, 347-361.	3.7	46
141	Hematopoietic colonyâ€stimulating factors mediate tumor-nerve interactions and bone cancer pain. <i>Nature Medicine</i> , 2009, 15, 802-807.	30.7	175
142	Facilitated neurotrophin release in sensitized human skin. <i>European Journal of Pain</i> , 2009, 13, 399-405.	2.8	23
143	Predominant CB2 receptor expression in endothelial cells of glioblastoma in humans. <i>Brain Research Bulletin</i> , 2009, 79, 333-337.	3.0	64
144	Post-junctional facilitation of Substance P signaling in a tibia fracture rat model of complex regional pain syndrome type I. <i>Pain</i> , 2009, 144, 278-286.	4.2	79

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145	How pain becomes itch. <i>Pain</i> , 2009, 144, 14-15.	4.2	5
146	Neurotrophins in the Cerebrospinal Fluid of Patient Cohorts With Neuropathic Pain, Nociceptive Pain, or Normal Pressure Hydrocephalus. <i>Clinical Journal of Pain</i> , 2009, 25, 729-733.	1.9	12
147	Long-Acting Local Anesthetics Attenuate FMLP-induced Acute Lung Injury in Rats. <i>Anesthesia and Analgesia</i> , 2009, 109, 880-885.	2.2	5
148	Representation of UVB-induced thermal and mechanical hyperalgesia in the human brain: A functional MRI study. <i>Human Brain Mapping</i> , 2008, 29, 1327-1342.	3.6	32
149	A subpopulation of capsaicin-sensitive porcine dorsal root ganglion neurons is lacking hyperpolarization-activated cyclic nucleotide-gated channels. <i>European Journal of Pain</i> , 2008, 12, 775-789.	2.8	19
150	Nociceptor sensitization to mechanical and thermal stimuli in pig skin in vivo. <i>European Journal of Pain</i> , 2008, 12, 242-250.	2.8	30
151	Neuropeptides, neurogenic inflammation and complex regional pain syndrome (CRPS). <i>Neuroscience Letters</i> , 2008, 437, 199-202.	2.1	254
152	Endothelin1 activates and sensitizes human C-nociceptors. <i>Pain</i> , 2008, 137, 41-49.	4.2	40
153	Cytokine profile in human skin in response to experimental inflammation, noxious stimulation, and administration of a COX-inhibitor: A microdialysis study. <i>Pain</i> , 2008, 139, 15-27.	4.2	91
154	Role of TRPM8 and TRPA1 for cold allodynia in patients with cold injury. <i>Pain</i> , 2008, 139, 63-72.	4.2	61
155	In situ profiling of adipokines in subcutaneous microdialysates from lean and obese individuals. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 295, E1095-E1105.	3.5	31
156	Separate Peripheral Pathways for Pruritus in Man. <i>Journal of Neurophysiology</i> , 2008, 100, 2062-2069.	1.8	238
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