

Martin Schmelz

List of Publications by Year in descending order

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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	The neurobiology of itch. <i>Nature Reviews Neuroscience</i> , 2006, 7, 535-547.	10.2	854
2	Specific C-Receptors for Itch in Human Skin. <i>Journal of Neuroscience</i> , 1997, 17, 8003-8008.	3.6	819
3	Proteinase-Activated Receptor-2 Mediates Itch: A Novel Pathway for Pruritus in Human Skin. <i>Journal of Neuroscience</i> , 2003, 23, 6176-6180.	3.6	566
4	Clinical Classification of Itch: a Position Paper of the International Forum for the Study of Itch. <i>Acta Dermato-Venereologica</i> , 2007, 87, 291-294.	1.3	536
5	Itch. <i>Lancet, The</i> , 2003, 361, 690-694.	13.7	419
6	Short-term infusion of the μ -opioid agonist remifentanyl in humans causes hyperalgesia during withdrawal. <i>Pain</i> , 2003, 106, 49-57.	4.2	374
7	Chemical Response Pattern of Different Classes of C-Nociceptors to Pruritogens and Algogens. <i>Journal of Neurophysiology</i> , 2003, 89, 2441-2448.	1.8	338
8	Frontiers in pruritus research: scratching the brain for more effective itch therapy. <i>Journal of Clinical Investigation</i> , 2006, 116, 1174-1185.	8.2	317
9	Differential Modulation of Remifentanyl-induced Analgesia and Postinfusion Hyperalgesia by S \bar{A} -Ketamine and Clonidine in Humans. <i>Anesthesiology</i> , 2003, 99, 152-159.	2.5	309
10	Modern Aspects of Cutaneous Neurogenic Inflammation. <i>Archives of Dermatology</i> , 2003, 139, 1479-88.	1.4	284
11	Perioperative Intravenous Lidocaine Has Preventive Effects on Postoperative Pain and Morphine Consumption After Major Abdominal Surgery. <i>Anesthesia and Analgesia</i> , 2004, 98, 1050-1055.	2.2	283
12	Distribution of cannabinoid receptor 1 (CB1) and 2 (CB2) on sensory nerve fibers and adnexal structures in human skin. <i>Journal of Dermatological Science</i> , 2005, 38, 177-188.	1.9	265
13	Neuropeptides, neurogenic inflammation and complex regional pain syndrome (CRPS). <i>Neuroscience Letters</i> , 2008, 437, 199-202.	2.1	254
14	Facilitated neurogenic inflammation in complex regional pain syndrome. <i>Pain</i> , 2001, 91, 251-257.	4.2	241
15	Separate Peripheral Pathways for Pruritus in Man. <i>Journal of Neurophysiology</i> , 2008, 100, 2062-2069.	1.8	238
16	Neurophysiological, Neuroimmunological, and Neuroendocrine Basis of Pruritus. <i>Journal of Investigative Dermatology</i> , 2006, 126, 1705-1718.	0.7	231
17	Acute Effects of Substance P and Calcitonin Gene-Related Peptide in Human Skin – A Microdialysis Study. <i>Journal of Investigative Dermatology</i> , 2000, 115, 1015-1020.	0.7	208
18	High Local Concentrations and Effects on Differentiation Implicate Interleukin $\bar{6}$ as a Paracrine Regulator. <i>Obesity</i> , 2004, 12, 454-460.	4.0	199

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19	A New Model of Electrically Evoked Pain and Hyperalgesia in Human Skin. <i>Anesthesiology</i> , 2001, 95, 395-402.	2.5	197
20	Neurophysiology of Pruritus. <i>Archives of Dermatology</i> , 2003, 139, 1463-70.	1.4	193
21	Low-dose lidocaine reduces secondary hyperalgesia by a central mode of action. <i>Pain</i> , 2000, 85, 217-224.	4.2	188
22	Different profiles of buprenorphine-induced analgesia and antihyperalgesia in a human pain model. <i>Pain</i> , 2005, 118, 15-22.	4.2	178
23	Hematopoietic colony-stimulating factors mediate tumor-nerve interactions and bone cancer pain. <i>Nature Medicine</i> , 2009, 15, 802-807.	30.7	175
24	Pathological C-fibres in patients with a chronic painful condition. <i>Brain</i> , 2003, 126, 567-578.	7.6	170
25	Abnormal Function of C-Fibers in Patients with Diabetic Neuropathy. <i>Journal of Neuroscience</i> , 2006, 26, 11287-11294.	3.6	170
26	Mast cell mediators other than histamine induce pruritus in atopic dermatitis patients: a dermal microdialysis study. <i>British Journal of Dermatology</i> , 2000, 142, 1114-1120.	1.5	165
27	Plasma extravasation and neuropeptide release in human skin as measured by intradermal microdialysis. <i>Neuroscience Letters</i> , 1997, 230, 117-120.	2.1	164
28	Bradykinin is a potent pruritogen in atopic dermatitis: A switch from pain to itch. <i>Pain</i> , 2006, 126, 16-23.	4.2	158
29	High spontaneous activity of C-nociceptors in painful polyneuropathy. <i>Pain</i> , 2012, 153, 2040-2047.	4.2	148
30	NGF induces non-inflammatory localized and lasting mechanical and thermal hypersensitivity in human skin. <i>Pain</i> , 2010, 148, 407-413.	4.2	141
31	Opioid-Induced Mast Cell Activation and Vascular Responses Is Not Mediated by μ -Opioid Receptors: An In Vivo Microdialysis Study in Human Skin. <i>Anesthesia and Analgesia</i> , 2004, 98, 364-370.	2.2	133
32	Electrically evoked itch in humans. <i>Pain</i> , 2005, 113, 148-154.	4.2	133
33	Chronic itch and pain—Similarities and differences. <i>European Journal of Pain</i> , 2006, 10, 473-473.	2.8	131
34	Innervation Territories of Mechanically Activated C Nociceptor Units in Human Skin. <i>Journal of Neurophysiology</i> , 1997, 78, 2641-2648.	1.8	126
35	The impact of opioid-induced hyperalgesia for postoperative pain. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2007, 21, 65-83.	4.0	125
36	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

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37	Proinflammatory role of proteinase-activated receptor-2 in humans and mice during cutaneous inflammation in vivo. <i>FASEB Journal</i> , 2003, 17, 1871-1885.	0.5	121
38	A neural pathway for itch. <i>Nature Neuroscience</i> , 2001, 4, 9-10.	14.8	119
39	Continuous brachial plexus blockade in combination with the NMDA receptor antagonist memantine prevents phantom pain in acute traumatic upper limb amputees. <i>European Journal of Pain</i> , 2007, 11, 299-308.	2.8	115
40	Interleukin-6 in combination with its soluble IL-6 receptor sensitises rat skin nociceptors to heat, in vivo. <i>Pain</i> , 2002, 96, 57-62.	4.2	113
41	Substance-P-induced protein extravasation is bilaterally increased in complex regional pain syndrome. <i>Experimental Neurology</i> , 2003, 183, 197-204.	4.1	113
42	Modulation of Remifentanil-induced Analgesia and Postinfusion Hyperalgesia by Parecoxib in Humans. <i>Anesthesiology</i> , 2006, 105, 1016-1023.	2.5	110
43	Central Origin of Secondary Mechanical Hyperalgesia. <i>Journal of Neurophysiology</i> , 2003, 90, 353-359.	1.8	109
44	Effects of oral pregabalin and amitriptyline on pain and central sensitization in the electrical hyperalgesia model in human volunteers. <i>British Journal of Anaesthesia</i> , 2007, 98, 246-254.	3.4	106
45	Mechano-insensitive nociceptors encode pain evoked by tonic pressure to human skin. <i>Neuroscience</i> , 2000, 98, 793-800.	2.3	105
46	Itch and pain. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 34, 171-176.	6.1	105
47	Itch mediators and mechanisms. <i>Journal of Dermatological Science</i> , 2002, 28, 91-96.	1.9	104
48	Differential endogenous pain modulation in complex-regional pain syndrome. <i>Brain</i> , 2009, 132, 788-800.	7.6	104
49	Low-dose Lidocaine Suppresses Experimentally Induced Hyperalgesia in Humans. <i>Anesthesiology</i> , 1998, 89, 1345-1353.	2.5	103
50	Neuronal Sensitization for Histamine-Induced Itch in Lesional Skin of Patients With Atopic Dermatitis. <i>Archives of Dermatology</i> , 2003, 139, 1455-8.	1.4	102
51	The cyclooxygenase isozyme inhibitors parecoxib and paracetamol reduce central hyperalgesia in humans. <i>Pain</i> , 2004, 108, 148-153.	4.2	101
52	Neurophysiology of Pruritus. <i>Archives of Dermatology</i> , 2003, 139, 1475-8.	1.4	99
53	Painful and Nonpainful Phantom and Stump Sensations in Acute Traumatic Amputees. <i>Journal of Trauma</i> , 2008, 65, 858-864.	2.3	93
54	Effects of antihyperalgesic drugs on experimentally induced hyperalgesia in man. <i>Pain</i> , 1998, 76, 317-325.	4.2	92

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55	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
56	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
57	Prostaglandin E2 induces vasodilation and pruritus, but no protein extravasation in atopic dermatitis and controls. <i>Journal of the American Academy of Dermatology</i> , 2002, 47, 28-32.	1.2	90
58	Botulinum Toxin A reduces neurogenic flare but has almost no effect on pain and hyperalgesia in human skin. <i>Journal of Neurology</i> , 2003, 250, 188-193.	3.6	89
59	Naloxone provokes similar pain facilitation as observed after short-term infusion of remifentanyl in humans. <i>Pain</i> , 2003, 106, 91-99.	4.2	88
60	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
61	NGF-evoked sensitization of muscle fascia nociceptors in humans. <i>Pain</i> , 2012, 153, 1673-1679.	4.2	87
62	Pathophysiology and treatment of pain in joint disease. <i>Advanced Drug Delivery Reviews</i> , 2006, 58, 323-342.	13.7	86
63	Different Patterns of Mast Cell Activation by Muscle Relaxants in Human Skin. <i>Anesthesiology</i> , 2001, 95, 659-667.	2.5	84
64	Facilitated neurogenic inflammation in unaffected limbs of patients with complex regional pain syndrome. <i>Neuroscience Letters</i> , 2004, 359, 163-166.	2.1	84
65	Neural activation during experimental allodynia: a functional magnetic resonance imaging study. <i>European Journal of Neuroscience</i> , 2004, 19, 3211-3218.	2.6	83
66	Atopic Keratinocytes Induce Increased Neurite Outgrowth in a Coculture Model of Porcine Dorsal Root Ganglia Neurons and Human Skin Cells. <i>Journal of Investigative Dermatology</i> , 2012, 132, 1892-1900.	0.7	81
67	Electrically evoked neuropeptide release and neurogenic inflammation differ between rat and human skin. <i>Journal of Physiology</i> , 2000, 529, 803-810.	2.9	80
68	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
69	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
70	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
71	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
72	Clinical presentation, management, and pathophysiology of neuropathic itch. <i>Lancet Neurology</i> , The, 2018, 17, 709-720.	10.2	73

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73	Facial Erythema of Rosacea – Aetiology, Different Pathophysiologies and Treatment Options. Acta Dermato-Venereologica, 2016, 96, 579-586.	1.3	70
74	Modeling activity-dependent changes of axonal spike conduction in primary afferent C-nociceptors. Journal of Neurophysiology, 2014, 111, 1721-1735.	1.8	69
75	Microneurographic assessment of C-fibre function in aged healthy subjects. Journal of Physiology, 2009, 587, 419-428.	2.9	68
76	Neural Signal Processing: The Underestimated Contribution of Peripheral Human C-Fibers. Journal of Neuroscience, 2002, 22, 6704-6712.	3.6	67
77	Predominant CB2 receptor expression in endothelial cells of glioblastoma in humans. Brain Research Bulletin, 2009, 79, 333-337.	3.0	64
78	Pituitary Adenylate Cyclase Activating Polypeptide. American Journal of Pathology, 2010, 177, 2563-2575.	3.8	64
79	Electrically Stimulated Axon Reflexes Are Diminished in Diabetic Small Fiber Neuropathies. Diabetes, 2004, 53, 769-774.	0.6	63
80	Patterns of activity-dependent conduction velocity changes differentiate classes of unmyelinated mechano-insensitive afferents including cold nociceptors, in pig and in human. Pain, 2010, 148, 59-69.	4.2	62
81	Role of TRPM8 and TRPA1 for cold allodynia in patients with cold injury. Pain, 2008, 139, 63-72.	4.2	61
82	Time course of UVA- and UVB-induced inflammation and hyperalgesia in human skin. European Journal of Pain, 1999, 3, 131-139.	2.8	60
83	Percutaneous penetration studies for risk assessment. Environmental Toxicology and Pharmacology, 2000, 8, 133-152.	4.0	60
84	ATP responses in human C nociceptors. Pain, 2002, 98, 59-68.	4.2	56
85	Nerve growth factor induces sensitization of nociceptors without evidence for increased intraepidermal nerve fiber density. Pain, 2013, 154, 2500-2511.	4.2	56
86	Sphingosine-1-Phosphate-Induced Nociceptor Excitation and Ongoing Pain Behavior in Mice and Humans Is Largely Mediated by S1P3 Receptor. Journal of Neuroscience, 2013, 33, 2582-2592.	3.6	56
87	Nociceptor activation and protein extravasation induced by inflammatory mediators in human skin. European Journal of Pain, 2001, 5, 49-57.	2.8	52
88	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. EBioMedicine, 2021, 65, 103264.	6.1	51
89	The Effect of the Nitric Oxide Synthase Inhibitor N-Nitro-L-Arginine-Methyl Ester on Neuropeptide-Induced Vasodilation and Protein Extravasation in Human Skin. Journal of Vascular Research, 2003, 40, 105-114.	1.4	50
90	Delta-9-THC based monotherapy in fibromyalgia patients on experimentally induced pain, axon reflex flare, and pain relief. Current Medical Research and Opinion, 2006, 22, 1269-1276.	1.9	50

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91	Structural and functional differences between neuropathy with and without pain?. <i>Experimental Neurology</i> , 2011, 231, 199-206.	4.1	50
92	Inhibition of neutral endopeptidase (NEP) facilitates neurogenic inflammation. <i>Experimental Neurology</i> , 2005, 195, 179-184.	4.1	49
93	Translating nociceptive processing into human pain models. <i>Experimental Brain Research</i> , 2009, 196, 173-178.	1.5	49
94	Monocyte Chemoattractant Protein-1 in Subcutaneous Abdominal Adipose Tissue: Characterization of Interstitial Concentration and Regulation of Gene Expression by Insulin. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 2688-2695.	3.6	48
95	NGF Sensitizes Nociceptors for Cowhage- but Not Histamine-Induced Itch in Human Skin. <i>Journal of Investigative Dermatology</i> , 2013, 133, 268-270.	0.7	47
96	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
97	Oxaliplatin-Induced Neuropathy: A Long-Term Clinical and Neurophysiologic Follow-Up Study. <i>Clinical Colorectal Cancer</i> , 2016, 15, e133-e140.	2.3	46
98	Skin innervation at different depths correlates with small fibre function but not with pain in neuropathic pain patients. <i>European Journal of Pain</i> , 2012, 16, 1414-1425.	2.8	43
99	Action potential conduction in the terminal arborisation of nociceptive C-fibre afferents. <i>Journal of Physiology</i> , 2003, 547, 931-940.	2.9	41
100	Endothelin1 activates and sensitizes human C-nociceptors. <i>Pain</i> , 2008, 137, 41-49.	4.2	40
101	Potential of Nociceptive Responses to Low pH Injections in Humans by Prostaglandin E2. <i>Journal of Pain</i> , 2007, 8, 443-451.	1.4	39
102	A polymorphic locus in the intron 16 of the human angiotensin-converting enzyme (ACE) gene is not correlated with complex regional pain syndrome I (CRPS I). <i>European Journal of Pain</i> , 2004, 8, 221-225.	2.8	38
103	Activation of Naloxone-Sensitive and -Insensitive Inhibitory Systems in a Human Pain Model. <i>Journal of Pain</i> , 2005, 6, 757-764.	1.4	38
104	Catecholamine-induced excitation of nociceptors in sympathetically maintained pain. <i>Pain</i> , 2007, 127, 296-301.	4.2	38
105	Efficacy and safety of pregabalin in treatment refractory patients with various neuropathic pain entities in clinical routine. <i>International Journal of Clinical Practice</i> , 2007, 61, 1989-1996.	1.7	38
106	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
107	Nerve growth factor locally sensitizes nociceptors in human skin. <i>Pain</i> , 2018, 159, 416-426.	4.2	38
108	Mechanically induced axon reflex and hyperalgesia in human UV-B burn are reduced by systemic lidocaine. <i>European Journal of Pain</i> , 2004, 8, 237-244.	2.8	37

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109	Peripheral Antihyperalgesic Effect of Morphine to Heat, but Not Mechanical, Stimulation in Healthy Volunteers after Ultraviolet-B Irradiation. <i>Anesthesia and Analgesia</i> , 1999, 88, 117-122.	2.2	36
110	Chemically and electrically induced sweating and flare reaction. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2004, 114, 72-82.	2.8	36
111	Sensitization to bradykinin B1 and B2 receptor activation in UV-B irradiated human skin. <i>Pain</i> , 2004, 110, 197-204.	4.2	35
112	Microneurographic single-unit recordings to assess receptive properties of afferent human C-fibers. <i>Neuroscience Letters</i> , 2010, 470, 158-161.	2.1	35
113	SCN10A Mutation in a Patient with Erythromelalgia Enhances C-Fiber Activity Dependent Slowing. <i>PLoS ONE</i> , 2016, 11, e0161789.	2.5	35
114	Sodium Channel Na _v 1.8 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
115	Representation of UV-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
116	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
117	Polyglycerol-opioid conjugate produces analgesia devoid of side effects. <i>ELife</i> , 2017, 6, .	6.0	32
118	Tuning in Nociceptors to reveal mechanisms in chronic neuropathic pain. <i>Annals of Neurology</i> , 2018, 83, 945-957.	5.3	32
119	The Effects of Intradermal Fentanyl and Ketamine on Capsaicin-Induced Secondary Hyperalgesia and Flare Reaction. <i>Anesthesia and Analgesia</i> , 1999, 89, 1521.	2.2	31
120	Rapid flare development evoked by current frequency-dependent stimulation analyzed by full-field laser perfusion imaging. <i>NeuroReport</i> , 2007, 18, 1101-1105.	1.2	31
121	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
122	Itch and Pain Differences and Commonalities. <i>Handbook of Experimental Pharmacology</i> , 2015, 227, 285-301.	1.8	31
123	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
124	Pathogenesis of pruritus. <i>JDDG - Journal of the German Society of Dermatology</i> , 2011, 9, 456-463.	0.8	30
125	Axon reflex flare and quantitative sudomotor axon reflex contribute in the diagnosis of small fiber neuropathy. <i>Muscle and Nerve</i> , 2013, 47, 357-363.	2.2	30
126	Neuropathic itch. <i>Pain</i> , 2019, 160, S11-S16.	4.2	30

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127	Nerve growth factor selectively decreases activity-dependent conduction slowing in mechano-insensitive C-nociceptors. <i>Pain</i> , 2011, 152, 2138-2146.	4.2	29
128	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
129	Itch Processing in the Skin. <i>Frontiers in Medicine</i> , 2019, 6, 167.	2.6	29
130	No β -adrenoreceptor-induced C-fiber activation in healthy human skin. <i>Journal of Applied Physiology</i> , 2004, 96, 1380-1384.	2.5	28
131	Itch and pain. <i>Dermatologic Therapy</i> , 2005, 18, 304-307.	1.7	28
132	NGF enhances electrically induced pain, but not axon reflex sweating. <i>Pain</i> , 2011, 152, 1856-1863.	4.2	28
133	Local Gene Expression Changes after UV-Irradiation of Human Skin. <i>PLoS ONE</i> , 2012, 7, e39411.	2.5	28
134	Sensitivity of human scalp skin to pruritic stimuli investigated by intradermal microdialysis in vivo. <i>Journal of the American Academy of Dermatology</i> , 2002, 47, 245-250.	1.2	27
135	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
136	Intracutaneous injections of platelets cause acute pain and protracted hyperalgesia. <i>Neuroscience Letters</i> , 1997, 226, 171-174.	2.1	26
137	Dermal microdialysis provides evidence for hypersensitivity to noradrenaline in patients with familial dysautonomia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2002, 73, 299-302.	1.9	26
138	Neurogenic components of trypsin- and thrombin-induced inflammation in rat skin, <i>in vivo</i> . <i>Experimental Dermatology</i> , 2006, 15, 58-65.	2.9	26
139	Pathogenese des Pruritus. <i>JDDG - Journal of the German Society of Dermatology</i> , 2011, 9, 456-463.	0.8	26
140	Polyneuropathy induced by HIV disease and antiretroviral therapy. <i>Clinical Neurophysiology</i> , 2013, 124, 176-182.	1.5	26
141	Changes in Ionic Conductance Signature of Nociceptive Neurons Underlying Fabry Disease Phenotype. <i>Frontiers in Neurology</i> , 2017, 8, 335.	2.4	26
142	Skin microdialysis: methods, applications and future opportunities – an EAACI position paper. <i>Clinical and Translational Allergy</i> , 2019, 9, 24.	3.2	26
143	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. <i>Journal of Investigative Dermatology</i> , 2013, 133, 1387-1390.	0.7	25
144	Sex Differences in Itch Perception and Modulation by Distraction – an fMRI Pilot Study in Healthy Volunteers. <i>PLoS ONE</i> , 2013, 8, e79123.	2.5	25

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145	Itch without pain— a labeled line for itch sensation?. <i>Nature Reviews Neurology</i> , 2009, 5, 640-641.	10.1	24
146	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
147	Differential effects of lidocaine on nerve growth factor (NGF)-evoked heat and mechanical hyperalgesia in humans. <i>European Journal of Pain</i> , 2012, 16, 543-549.	2.8	24
148	Exonic mutations in SCN9A (Nav1.7) are found in a minority of patients with erythromelalgia. <i>Scandinavian Journal of Pain</i> , 2014, 5, 217-225.	1.3	24
149	What can we learn from the failure of quantitative sensory testing?. <i>Pain</i> , 2021, 162, 663-664.	4.2	24
150	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
151	Facilitated neurotrophin release in sensitized human skin. <i>European Journal of Pain</i> , 2009, 13, 399-405.	2.8	23
152	Double spikes to single electrical stimulation correlates to spontaneous activity of nociceptors in painful neuropathy patients. <i>Pain</i> , 2012, 153, 391-398.	4.2	23
153	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
154	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
155	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
156	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
157	Neuronal sensitivity of the skin. <i>European Journal of Dermatology</i> , 2011, 21, 43-47.	0.6	21
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