

Martin Schmelz

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

258
papers

13,680
citations

65
h-index

109
g-index

288
ext. papers

15,450
ext. citations

5
avg, IF

6.41
L-index

#	Paper	IF	Citations
258	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	6.1	
257	Microinjection of pruritogens in NGF-sensitized human skin. <i>Scientific Reports</i> , 2021 , 11, 21490	4.9	1
256	A systematic review of porcine models in translational pain research. <i>Lab Animal</i> , 2021 , 50, 313-326	0.4	0
255	Reply to Bordeleau et al. <i>Pain</i> , 2021 , 162, 2780	8	0
254	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	8.8	12
253	How Do Neurons Signal Itch?. <i>Frontiers in Medicine</i> , 2021 , 8, 643006	4.9	2
252	Reply to Vollert et al. <i>Pain</i> , 2021 , 162, 1274-1275	8	1
251	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
250	A genome-wide screen reveals microRNAs in peripheral sensory neurons driving painful diabetic neuropathy. <i>Pain</i> , 2021 , 162, 1334-1351	8	6
249	Axonal GABA stabilizes excitability in unmyelinated sensory axons secondary to NKCC1 activity. <i>Journal of Physiology</i> , 2021 , 599, 4065-4084	3.9	4
248	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	3.7	4
247	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	8	0
246	Maximum axonal following frequency separates classes of cutaneous unmyelinated nociceptors in the pig. <i>Journal of Physiology</i> , 2021 , 599, 1595-1610	3.9	3
245	TTX-Resistant Sodium Channels Functionally Separate Silent From Polymodal C-nociceptors. <i>Frontiers in Cellular Neuroscience</i> , 2020 , 14, 13	6.1	3
244	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	2.7	5
243	Peripheral input and phantom limb pain: A somatosensory event-related potential study. <i>European Journal of Pain</i> , 2020 , 24, 1314-1329	3.7	1
242	Transcutaneous Slowly Depolarizing Currents Elicit Pruritus in Patients with Atopic Dermatitis. <i>Acta Dermato-Venereologica</i> , 2020 , 100, adv00302	2.2	2

241	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	5	8
240	Slow depolarizing stimuli differentially activate mechanosensitive and silent C nociceptors in human and pig skin. <i>Pain</i> , 2020 , 161, 2119-2128	8	6
239	Schwann Cell Autocrine and Paracrine Regulatory Mechanisms, Mediated by Allopregnanolone and BDNF, Modulate PKC β in Peripheral Sensory Neurons. <i>Cells</i> , 2020 , 9,	7.9	6
238	Sympathetic efferent neurons are less sensitive than nociceptors to 4 Hz sinusoidal stimulation. <i>European Journal of Pain</i> , 2020 , 24, 122-133	3.7	2
237	Objective Methods for Breast Sensibility Testing. <i>Plastic and Reconstructive Surgery</i> , 2019 , 143, 398-404	2.7	1
236	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	2.2	2
235	Skin microdialysis: methods, applications and future opportunities-an EAACI position paper. <i>Clinical and Translational Allergy</i> , 2019 , 9, 24	5.2	12
234	Selective Nerve Fibre Activation in Patients with Generalized Chronic Pruritus: Hint for Central Sensitization?. <i>Acta Dermato-Venereologica</i> , 2019 , 99, 1009-1015	2.2	3
233	Itch Processing in the Skin. <i>Frontiers in Medicine</i> , 2019 , 6, 167	4.9	17
232	Skin Barrier Damage and Itch: Review of Mechanisms, Topical Management and Future Directions. <i>Acta Dermato-Venereologica</i> , 2019 , 99, 1201-1209	2.2	42
231	Neuropathic itch. <i>Pain</i> , 2019 , 160 Suppl 1, S11-S16	8	20
230	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	8	42
229	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	8	41
228	Exploratory Study of Intracutaneous Histamine Stimulation in Patient Populations with Chronic Pruritus. <i>Acta Dermato-Venereologica</i> , 2019 , 99, 291-297	2.2	0
227	Tuning in C-nociceptors to reveal mechanisms in chronic neuropathic pain. <i>Annals of Neurology</i> , 2018 , 83, 945-957	9.4	19
226	Quantitative sensory test correlates with neuropathy, not with pain. <i>Pain</i> , 2018 , 159, 409-410	8	13
225	Low-Frequency Stimulation of Silent Nociceptors Induces Secondary Mechanical Hyperalgesia in Human Skin. <i>Neuroscience</i> , 2018 , 387, 4-12	3.9	10
224	Clinical presentation, management, and pathophysiology of neuropathic itch. <i>Lancet Neurology</i> , 2018 , 17, 709-720	24.1	49

223	Nerve growth factor locally sensitizes nociceptors in human skin. <i>Pain</i> , 2018 , 159, 416-426	8	26
222	Local NGF and GDNF levels modulate morphology and function of porcine DRG neurites, In Vitro. <i>PLoS ONE</i> , 2018 , 13, e0203215	3.7	7
221	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	4	5
220	Sodium Channel Na1.8 Underlies TTX-Resistant Axonal Action Potential Conduction in Somatosensory C-Fibers of Distal Cutaneous Nerves. <i>Journal of Neuroscience</i> , 2017 , 37, 5204-5214	6.6	18
219	Decreased Axon Flare Reaction to Electrical Stimulation in Patients With Chronic Demyelinating Inflammatory Polyneuropathy. <i>Journal of Clinical Neurophysiology</i> , 2017 , 34, 101-106	2.2	1
218	Cognitive test batteries in animal cognition research: evaluating the past, present and future of comparative psychometrics. <i>Animal Cognition</i> , 2017 , 20, 1003-1018	3.1	63
217	Distraction From Itch Shows Brainstem Activation Without Reduction in Experimental Itch Sensation. <i>Acta Dermato-Venereologica</i> , 2017 , 97, 1074-1080	2.2	6
216	Functional Characterization of At-Level Hypersensitivity in Patients With Spinal Cord Injury. <i>Journal of Pain</i> , 2017 , 18, 66-78	5.2	10
215	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	1.4	1
214	Polyglycerol-opioid conjugate produces analgesia devoid of side effects. <i>ELife</i> , 2017 , 6,	8.9	22
213	Changes in Ionic Conductance Signature of Nociceptive Neurons Underlying Fabry Disease Phenotype. <i>Frontiers in Neurology</i> , 2017 , 8, 335	4.1	15
212	Pathological nociceptors in two patients with erythromelalgia-like symptoms and rare genetic Nav 1.9 variants. <i>Brain and Behavior</i> , 2016 , 6, e00528	3.4	17
211	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, 636-42	3.5	4
210	Effects of Current Density on Nociceptor Activation Upon Electrical Stimulation in Humans. <i>Pain Practice</i> , 2016 , 16, 273-81	3	7
209	Modulation of Pruritus: Peripheral and Central Sensitization 2016 , 39-47		
208	Interaction of Pruritus and Pain 2016 , 33-38		
207	SCN10A Mutation in a Patient with Erythromelalgia Enhances C-Fiber Activity Dependent Slowing. <i>PLoS ONE</i> , 2016 , 11, e0161789	3.7	23
206	Facial Erythema of Rosacea - Aetiology, Different Pathophysiologies and Treatment Options. <i>Acta Dermato-Venereologica</i> , 2016 , 96, 579-86	2.2	44

205	Mechano-sensitive nociceptors are required to detect heat pain thresholds and cowhage itch in human skin. <i>European Journal of Pain</i> , 2016 , 20, 215-22	3.7	6
204	Laser-evoked potentials mediated by mechano-insensitive nociceptors in human skin. <i>European Journal of Pain</i> , 2016 , 20, 845-54	3.7	4
203	Oxaliplatin-Induced Neuropathy: A Long-Term Clinical and Neurophysiologic Follow-Up Study. <i>Clinical Colorectal Cancer</i> , 2016 , 15, e133-40	3.8	33
202	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	12.7	13
201	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	5.6	17
200	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	1.9	8
199	C-fiber recovery cycle supernormality depends on ion concentration and ion channel permeability. <i>Biophysical Journal</i> , 2015 , 108, 1057-71	2.9	15
198	Itch and pain differences and commonalities. <i>Handbook of Experimental Pharmacology</i> , 2015 , 227, 285-301	3.2	24
197	Comparison of nerve growth factor-induced sensitization pattern in lumbar and tibial muscle and fascia. <i>Muscle and Nerve</i> , 2015 , 52, 265-72	3.4	15
196	Differential sensitization of silent nociceptors to low pH stimulation by prostaglandin E2 in human volunteers. <i>European Journal of Pain</i> , 2015 , 19, 159-66	3.7	15
195	UV radiation induces CXCL5 expression in human skin. <i>Experimental Dermatology</i> , 2015 , 24, 309-12	4	11
194	Nociceptors in the skin: fire-raisers to be kept at bay?. <i>Experimental Dermatology</i> , 2015 , 24, 732-3	4	2
193	A comparison of spontaneous problem-solving abilities in three estrildid finch (<i>Taeniopygia guttata</i> , <i>Lonchura striata</i> var. <i>domestica</i> , <i>Stagonopleura guttata</i>) species. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2015 , 129, 356-65	2.1	7
192	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	8	27
191	Local anesthetics take a central action in analgesia. <i>Pain</i> , 2015 , 156, 1579-1580	8	7
190	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	3.7	9
189	Neurophysiology and itch pathways. <i>Handbook of Experimental Pharmacology</i> , 2015 , 226, 39-55	3.2	15
188	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	1.9	17

187	Modeling activity-dependent changes of axonal spike conduction in primary afferent C-nociceptors. <i>Journal of Neurophysiology</i> , 2014 , 111, 1721-35	3.2	44
186	Axonal hyperexcitability after combined NGF sensitization and UV-B inflammation in humans. <i>European Journal of Pain</i> , 2014 , 18, 785-93	3.7	13
185	Differential axonal conduction patterns of mechano-sensitive and mechano-insensitive nociceptors--a combined experimental and modelling study. <i>PLoS ONE</i> , 2014 , 9, e103556	3.7	17
184	Sensitized pain response to bradykinin after sunburn - a human model for ongoing inflammatory pain?. <i>Pain</i> , 2013 , 154, 769-770	8	4
183	Epidermal nerve fibers modulate keratinocyte growth via neuropeptide signaling in an innervated skin model. <i>Journal of Investigative Dermatology</i> , 2013 , 133, 1620-8	4.3	90
182	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, 1465-71	3.7	5
181	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	1.9	
180	Discriminative sensory characteristics of the lateral femoral cutaneous nerve after mepivacaine-induced block. <i>Scandinavian Journal of Pain</i> , 2013 , 4, 95-100	1.9	3
179	Modality-specific nociceptor sensitization following UV-B irradiation of human skin. <i>Journal of Pain</i> , 2013 , 14, 739-46	5.2	12
178	Nerve growth factor induces sensitization of nociceptors without evidence for increased intraepidermal nerve fiber density. <i>Pain</i> , 2013 , 154, 2500-2511	8	45
177	Sunburn-A human inflammatory pain model for primary and secondary hyperalgesia. <i>Scandinavian Journal of Pain</i> , 2013 , 4, 38-39	1.9	3
176	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, 2582-92	6.6	45
175	Polyneuropathy induced by HIV disease and antiretroviral therapy. <i>Clinical Neurophysiology</i> , 2013 , 124, 176-82	4.3	21
174	Inflammation meets sensitization--an explanation for spontaneous nociceptor activity?. <i>Pain</i> , 2013 , 154, 2707-2714	8	17
173	NGF sensitizes nociceptors for cowhage- but not histamine-induced itch in human skin. <i>Journal of Investigative Dermatology</i> , 2013 , 133, 268-70	4.3	36
172	Mechano-insensitive nociceptors are sufficient to induce histamine-induced itch. <i>Acta Dermato-Venereologica</i> , 2013 , 93, 394-9	2.2	7
171	Objective assessment of C-fiber function by electrically induced axon reflex flare in patients with axonal and demyelinating polyneuropathy. <i>Journal of Clinical Neurophysiology</i> , 2013 , 30, 422-7	2.2	5
170	Axon reflex flare and quantitative sudomotor axon reflex contribute in the diagnosis of small fiber neuropathy. <i>Muscle and Nerve</i> , 2013 , 47, 357-63	3.4	25

169	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, 1387-90	4.3	18
168	Local nociceptor sensitization with NGF: mechanical or heat hyperalgesia \square a carte?. <i>European Journal of Pain</i> , 2013 , 17, 467-8	3.7	
167	Sex differences in itch perception and modulation by distraction--an FMRI pilot study in healthy volunteers. <i>PLoS ONE</i> , 2013 , 8, e79123	3.7	18
166	Differential effects of lidocaine on nerve growth factor (NGF)-evoked heat- and mechanical hyperalgesia in humans. <i>European Journal of Pain</i> , 2012 , 16, 543-9	3.7	23
165	Does spontaneous activity in C-nociceptors provide a readout to quantify neuropathic pain?. <i>Pain</i> , 2012 , 153, 5-6	8	0
164	Double spikes to single electrical stimulation correlates to spontaneous activity of nociceptors in painful neuropathy patients. <i>Pain</i> , 2012 , 153, 391-398	8	20
163	Differential effects of low dose lidocaine on C-fiber classes in humans. <i>Journal of Pain</i> , 2012 , 13, 1232-41	5.2	14
162	NGF-evoked sensitization of muscle fascia nociceptors in humans. <i>Pain</i> , 2012 , 153, 1673-1679	8	69
161	Selective thoracic ganglionectomy for the treatment of segmental neuropathic pain. <i>European Journal of Pain</i> , 2012 , 16, 1398-402	3.7	10
160	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, 1414-25	3.7	37
159	High spontaneous activity of C-nociceptors in painful polyneuropathy. <i>Pain</i> , 2012 , 153, 2040-2047	8	105
158	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, 1892-900	4.3	57
157	The differential effects of two sodium channel modulators on the conductive properties of C-fibers in pig skin in vivo. <i>Anesthesia and Analgesia</i> , 2012 , 115, 560-71	3.9	13
156	Local gene expression changes after UV-irradiation of human skin. <i>PLoS ONE</i> , 2012 , 7, e39411	3.7	24
155	Differential central pain processing following repetitive intramuscular proton/prostaglandin E \square injections in female fibromyalgia patients and healthy controls. <i>European Journal of Pain</i> , 2011 , 15, 716-23	3.7	21
154	Electrically induced quantitative sudomotor axon reflex test in human volunteers. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2011 , 159, 111-6	2.4	10
153	Neuronal sensitivity of the skin. <i>European Journal of Dermatology</i> , 2011 , 21 Suppl 2, 43-7	0.8	18
152	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, 30-6	4.7	5

151	Pathogenesis of pruritus. <i>JDDG - Journal of the German Society of Dermatology</i> , 2011 , 9, 456-63	1.2	16
150	Pathogenese des Pruritus. <i>JDDG - Journal of the German Society of Dermatology</i> , 2011 , 9, 456-463	1.2	21
149	A study of serum concentrations and dermal levels of NGF in atopic dermatitis and healthy subjects. <i>Neuropeptides</i> , 2011 , 45, 417-22	3.3	32
148	Effects of COX inhibition on experimental pain and hyperalgesia during and after remifentanyl infusion in humans. <i>Pain</i> , 2011 , 152, 1289-1297	8	61
147	NGF enhances electrically induced pain, but not axon reflex sweating. <i>Pain</i> , 2011 , 152, 1856-1863	8	26
146	Nerve growth factor selectively decreases activity-dependent conduction slowing in mechano-insensitive C-nociceptors. <i>Pain</i> , 2011 , 152, 2138-2146	8	26
145	Structural and functional differences between neuropathy with and without pain?. <i>Experimental Neurology</i> , 2011 , 231, 199-206	5.7	40
144	Experimental thermal lesions induce beta-thromboglobulin release from activated platelets. <i>European Journal of Pain</i> , 2011 , 15, 23-8	3.7	5
143	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, E1320-4	5.6	26
142	Cross-over evaluation of electrically induced pain and hyperalgesia. <i>Scandinavian Journal of Pain</i> , 2010 , 1, 205-210	1.9	7
141	Microneurographic single-unit recordings to assess receptive properties of afferent human C-fibers. <i>Neuroscience Letters</i> , 2010 , 470, 158-61	3.3	26
140	Single-fiber recordings of unmyelinated afferents in pig. <i>Neuroscience Letters</i> , 2010 , 470, 175-9	3.3	15
139	Pituitary adenylate cyclase activating polypeptide: an important vascular regulator in human skin in vivo. <i>American Journal of Pathology</i> , 2010 , 177, 2563-75	5.8	53
138	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	8	47
137	NGF induces non-inflammatory localized and lasting mechanical and thermal hypersensitivity in human skin. <i>Pain</i> , 2010 , 148, 407-413	8	126
136	Nerve growth factor-evoked nociceptor sensitization in pig skin in vivo. <i>Journal of Neuroscience Research</i> , 2010 , 88, 2066-72	4.4	14
135	Itch and pain. <i>Neuroscience and Biobehavioral Reviews</i> , 2010 , 34, 171-6	9	77
134	Thoracoscopic sympathectomy at the T2 or T3 level facilitates bradykinin-induced protein extravasation in human forearm skin. <i>Pain Medicine</i> , 2010 , 11, 774-80	2.8	8

133	Modulation of Pruritus: Peripheral and Central Sensitisation 2010 , 27-31		
132	Interaction of Pruritus and Pain 2010 , 33-36		1
131	Differential endogenous pain modulation in complex-regional pain syndrome. <i>Brain</i> , 2009 , 132, 788-800	11.2	82
130	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, 4508-16	5.6	21
129	Translating nociceptive processing into human pain models. <i>Experimental Brain Research</i> , 2009 , 196, 173-83	3.8	40
128	Comparison of electrically induced flare response patterns in human and pig skin. <i>Inflammation Research</i> , 2009 , 58, 639-48	7.2	11
127	Microneurographic assessment of C-fibre function in aged healthy subjects. <i>Journal of Physiology</i> , 2009 , 587, 419-28	3.9	55
126	Neural fractalkine expression is closely linked to pain and pancreatic neuritis in human chronic pancreatitis. <i>Laboratory Investigation</i> , 2009 , 89, 347-61	5.9	35
125	Hematopoietic colony-stimulating factors mediate tumor-nerve interactions and bone cancer pain. <i>Nature Medicine</i> , 2009 , 15, 802-7	50.5	143
124	Facilitated neurotrophin release in sensitized human skin. <i>European Journal of Pain</i> , 2009 , 13, 399-405	3.7	17
123	Predominant CB2 receptor expression in endothelial cells of glioblastoma in humans. <i>Brain Research Bulletin</i> , 2009 , 79, 333-7	3.9	52
122	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	8	71
121	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, 729-33	3.5	11
120	Long-acting local anesthetics attenuate FMLP-induced acute lung injury in rats. <i>Anesthesia and Analgesia</i> , 2009 , 109, 880-5	3.9	1
119	Neuropeptides, neurogenic inflammation and complex regional pain syndrome (CRPS). <i>Neuroscience Letters</i> , 2008 , 437, 199-202	3.3	198
118	Endothelin 1 activates and sensitizes human C-nociceptors. <i>Pain</i> , 2008 , 137, 41-49	8	35
117	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	8	84
116	Role of TRPM8 and TRPA1 for cold allodynia in patients with cold injury. <i>Pain</i> , 2008 , 139, 63-72	8	51

115	In situ profiling of adipokines in subcutaneous microdialysates from lean and obese individuals. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008 , 295, E1095-105	6	27
114	Separate peripheral pathways for pruritus in man. <i>Journal of Neurophysiology</i> , 2008 , 100, 2062-9	3.2	194
113	Painful and nonpainful phantom and stump sensations in acute traumatic amputees. <i>Journal of Trauma</i> , 2008 , 65, 858-64		77
112	Human in-vivo bioassay for the tissue-specific measurement of nociceptive and inflammatory mediators. <i>Journal of Visualized Experiments</i> , 2008 ,	1.6	1
111	Representation of UV-B-induced thermal and mechanical hyperalgesia in the human brain: a functional MRI study. <i>Human Brain Mapping</i> , 2008 , 29, 1327-42	5.9	26
110	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, 775-89	3.7	17
109	Nociceptor sensitization to mechanical and thermal stimuli in pig skin in vivo. <i>European Journal of Pain</i> , 2008 , 12, 242-50	3.7	26
108	Potentiation of nociceptive responses to low pH injections in humans by prostaglandin E2. <i>Journal of Pain</i> , 2007 , 8, 443-51	5.2	37
107	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	3.7	96
106	Opioids and the skin: "itchy" perspectives beyond analgesia and abuse. <i>Journal of Investigative Dermatology</i> , 2007 , 127, 1287-9	4.3	9
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, 1989-96	2.9	32
104	The impact of opioid-induced hyperalgesia for postoperative pain. <i>Baillieres Best Practice and Research in Clinical Anaesthesiology</i> , 2007 , 21, 65-83	4	103
103	Schmerzchronifizierung. <i>Trauma Und Berufskrankheit</i> , 2007 , 9, S103-S106	0	2
102	Clinical classification of itch: a position paper of the International Forum for the Study of Itch. <i>Acta Dermato-Venereologica</i> , 2007 , 87, 291-4	2.2	363
101	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, 2688-95	5.6	44
100	Effects of oral pregabalin and aprepitant on pain and central sensitization in the electrical hyperalgesia model in human volunteers. <i>British Journal of Anaesthesia</i> , 2007 , 98, 246-54	5.4	91
99	Rapid flare development evoked by current frequency-dependent stimulation analyzed by full-field laser perfusion imaging. <i>NeuroReport</i> , 2007 , 18, 1101-5	1.7	29
98	Catecholamine-induced excitation of nociceptors in sympathetically maintained pain. <i>Pain</i> , 2007 , 127, 296-301	8	28

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