

# Clifford J Woolf

## 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.

286  
papers

58,232  
citations

115  
h-index

240  
g-index

338  
ext. papers

65,465  
ext. citations

13  
avg, IF

8.1  
L-index

#	Paper	IF	Citations
286	Nociceptor neurons promote IgE class switch in B cells. <i>JCI Insight</i> , <b>2021</b> ,	9.9	2
285	Developing nociceptor-selective treatments for acute and chronic pain. <i>Science Translational Medicine</i> , <b>2021</b> , 13, eabj9837	17.5	4
284	Two independent mouse lines carrying the Nav1.7 I228M gain-of-function variant display dorsal root ganglion neuron hyperexcitability but a minimal pain phenotype. <i>Pain</i> , <b>2021</b> , 162, 1758-1770	8	5
283	Reduced MC4R signaling alters nociceptive thresholds associated with red hair. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	2
282	Human cells and networks of pain: Transforming pain target identification and therapeutic development. <i>Neuron</i> , <b>2021</b> , 109, 1426-1429	13.9	18
281	Inhibition of inflammatory pain and cough by a novel charged sodium channel blocker. <i>British Journal of Pharmacology</i> , <b>2021</b> , 178, 3905-3923	8.6	6
280	FcR1-expressing nociceptors trigger allergic airway inflammation. <i>Journal of Allergy and Clinical Immunology</i> , <b>2021</b> , 147, 2330-2342	11.5	11
279	Human amyotrophic lateral sclerosis excitability phenotype screen: Target discovery and validation. <i>Cell Reports</i> , <b>2021</b> , 35, 109224	10.6	11
278	Effect of Ezogabine on Cortical and Spinal Motor Neuron Excitability in Amyotrophic Lateral Sclerosis: A Randomized Clinical Trial. <i>JAMA Neurology</i> , <b>2021</b> , 78, 186-196	17.2	29
277	Epineural optogenetic activation of nociceptors initiates and amplifies inflammation. <i>Nature Biotechnology</i> , <b>2021</b> , 39, 179-185	44.5	20
276	Brain Responses to Noxious Stimuli in Patients With Chronic Pain: A Systematic Review and Meta-analysis. <i>JAMA Network Open</i> , <b>2021</b> , 4, e2032236	10.4	3
275	Isolation of Nuclei from Mouse Dorsal Root Ganglia for Single-nucleus Genomics. <i>Bio-protocol</i> , <b>2021</b> , 11, e4102	0.9	1
274	Dissecting the precise nature of itch-evoked scratching. <i>Neuron</i> , <b>2021</b> , 109, 3075-3087.e2	13.9	2
273	Promoting Long-Term Cultivation of Motor Neurons for 3D Neuromuscular Junction Formation of 3D In Vitro Using Central-Nervous-Tissue-Derived Bioink. <i>Advanced Healthcare Materials</i> , <b>2021</b> , 10, e2100581	10.1	4
272	DeepEthogram, a machine learning pipeline for supervised behavior classification from raw pixels. <i>ELife</i> , <b>2021</b> , 10,	8.9	10
271	Topoisomerase I inhibition and peripheral nerve injury induce DNA breaks and ATF3-associated axon regeneration in sensory neurons. <i>Cell Reports</i> , <b>2021</b> , 36, 109666	10.6	1
270	A Multiparametric Activity Profiling Platform for Neuron Disease Phenotyping and Drug Screening.. <i>Molecular Biology of the Cell</i> , <b>2021</b> , mbcE21100481	3.5	0

269	Convergent neural representations of experimentally-induced acute pain in healthy volunteers: A large-scale fMRI meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2020</b> , 112, 300-323	9	28
268	Vagal sensory neurons drive mucous cell metaplasia. <i>Journal of Allergy and Clinical Immunology</i> , <b>2020</b> , 145, 1693-1696.e4	11.5	10
267	Nonsurgical mouse model of endometriosis-associated pain that responds to clinically active drugs. <i>Pain</i> , <b>2020</b> , 161, 1321-1331	8	11
266	Unraveling the Plastic Peripheral Neuroimmune Interactome. <i>Journal of Immunology</i> , <b>2020</b> , 204, 257-263.3	5.3	15
265	Transcriptional Reprogramming of Distinct Peripheral Sensory Neuron Subtypes after Axonal Injury. <i>Neuron</i> , <b>2020</b> , 108, 128-144.e9	13.9	74
264	Capturing Novel Non-opioid Pain Targets. <i>Biological Psychiatry</i> , <b>2020</b> , 87, 74-81	7.9	31
263	Sepiapterin Reductase Inhibition Leading to Selective Reduction of Inflammatory Joint Pain in Mice and Increased Urinary Sepiapterin Levels in Humans and Mice. <i>Arthritis and Rheumatology</i> , <b>2020</b> , 72, 57-66	9.5	7
262	Composite Pain Biomarker Signatures for Objective Assessment and Effective Treatment. <i>Neuron</i> , <b>2019</b> , 101, 783-800	13.9	75
261	Novel charged sodium and calcium channel inhibitor active against neurogenic inflammation. <i>ELife</i> , <b>2019</b> , 8,	8.9	17
260	Recurrent SMARCB1 Mutations Reveal a Nucleosome Acidic Patch Interaction Site That Potentiates mSWI/SNF Complex Chromatin Remodeling. <i>Cell</i> , <b>2019</b> , 179, 1342-1356.e23	56.2	35
259	The Role of Iron Regulation in Immunometabolism and Immune-Related Disease. <i>Frontiers in Molecular Biosciences</i> , <b>2019</b> , 6, 116	5.6	81
258	Neurite Collapse and Altered ER Ca Control in Human Parkinson Disease Patient iPSC-Derived Neurons with LRRK2 G2019S Mutation. <i>Stem Cell Reports</i> , <b>2019</b> , 12, 29-41	8	33
257	ALS-implicated protein TDP-43 sustains levels of STMN2, a mediator of motor neuron growth and repair. <i>Nature Neuroscience</i> , <b>2019</b> , 22, 167-179	25.5	154
256	Diltiazem Promotes Regenerative Axon Growth. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 3948-3957	6.2	8
255	Pain amplification: A perspective on the how, why, when, and where of central sensitization. <i>Journal of Applied Biobehavioral Research</i> , <b>2018</b> , 23, e12124	1.7	31
254	Mechanistic Differences in Neuropathic Pain Modalities Revealed by Correlating Behavior with Global Expression Profiling. <i>Cell Reports</i> , <b>2018</b> , 22, 1301-1312	10.6	74
253	Purkinje cells derived from TSC patients display hypoexcitability and synaptic deficits associated with reduced FMRP levels and reversed by rapamycin. <i>Molecular Psychiatry</i> , <b>2018</b> , 23, 2167-2183	15.1	56
252	Staphylococcus aureus produces pain through pore-forming toxins and neuronal TRPV1 that is silenced by QX-314. <i>Nature Communications</i> , <b>2018</b> , 9, 37	17.4	67

251	Optical cuff for optogenetic control of the peripheral nervous system. <i>Journal of Neural Engineering</i> , <b>2018</b> , 15, 015002	5	25
250	Commensal microflora-induced T cell responses mediate progressive neurodegeneration in glaucoma. <i>Nature Communications</i> , <b>2018</b> , 9, 3209	17.4	116
249	Axonal G3BP1 stress granule protein limits axonal mRNA translation and nerve regeneration. <i>Nature Communications</i> , <b>2018</b> , 9, 3358	17.4	59
248	Neuronal-Specific TUBB3 Is Not Required for Normal Neuronal Function but Is Essential for Timely Axon Regeneration. <i>Cell Reports</i> , <b>2018</b> , 24, 1865-1879.e9	10.6	51
247	The metabolite BH4 controls T cell proliferation in autoimmunity and cancer. <i>Nature</i> , <b>2018</b> , 563, 564-568	50.4	103
246	Touch and tactile neuropathic pain sensitivity are set by corticospinal projections. <i>Nature</i> , <b>2018</b> , 561, 547-550	50.4	85
245	Substance P activates Mas-related G protein-coupled receptors to induce itch. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 140, 447-453.e3	11.5	74
244	Time for nonaddictive relief of pain. <i>Science</i> , <b>2017</b> , 355, 1026-1027	33.3	36
243	The G2A receptor (GPR132) contributes to oxaliplatin-induced mechanical pain hypersensitivity. <i>Scientific Reports</i> , <b>2017</b> , 7, 446	4.9	27
242	Decreased alertness due to sleep loss increases pain sensitivity in mice. <i>Nature Medicine</i> , <b>2017</b> , 23, 768-774	34.5	69
241	Breaking barriers to novel analgesic drug development. <i>Nature Reviews Drug Discovery</i> , <b>2017</b> , 16, 545-564	4.1	146
240	Crosstalk between KCNK3-Mediated Ion Current and Adrenergic Signaling Regulates Adipose Thermogenesis and Obesity. <i>Cell</i> , <b>2017</b> , 171, 836-848.e13	56.2	41
239	Time-Resolved Fast Mammalian Behavior Reveals the Complexity of Protective Pain Responses. <i>Cell Reports</i> , <b>2017</b> , 20, 89-98	10.6	24
238	Mouse embryonic stem cells can differentiate via multiple paths to the same state. <i>ELife</i> , <b>2017</b> , 6,	8.9	45
237	Sense and Immunity: Context-Dependent Neuro-Immune Interplay. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1463	8.4	40
236	Toward a Mechanism-Based Approach to Pain Diagnosis. <i>Journal of Pain</i> , <b>2016</b> , 17, T50-69	5.2	160
235	Targeting CYP2J to reduce paclitaxel-induced peripheral neuropathic pain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 12544-12549	11.5	57
234	Inhibition of the kinase WNK1/HSN2 ameliorates neuropathic pain by restoring GABA inhibition. <i>Science Signaling</i> , <b>2016</b> , 9, ra32	8.8	30

233	A Systems-Level Analysis of the Peripheral Nerve Intrinsic Axonal Growth Program. <i>Neuron</i> , <b>2016</b> , 89, 956-70	13.9	206
232	Neuroimmunity: Physiology and Pathology. <i>Annual Review of Immunology</i> , <b>2016</b> , 34, 421-47	34.7	100
231	Lack of motor recovery after prolonged denervation of the neuromuscular junction is not due to regenerative failure. <i>European Journal of Neuroscience</i> , <b>2016</b> , 43, 451-62	3.5	50
230	Neuronal Circuits Modulate Antigen Flow Through Lymph Nodes. <i>Bioelectronic Medicine</i> , <b>2016</b> , 3, 18-28	5.4	17
229	Ensuring transparency and minimization of methodologic bias in preclinical pain research: PPRECISE considerations. <i>Pain</i> , <b>2016</b> , 157, 901-909	8	59
228	Pain and infection: pathogen detection by nociceptors. <i>Pain</i> , <b>2016</b> , 157, 1192-1193	8	20
227	Association of Joint Inflammation With Pain Sensitization in Knee Osteoarthritis: The Multicenter Osteoarthritis Study. <i>Arthritis and Rheumatology</i> , <b>2016</b> , 68, 654-61	9.5	131
226	Nucleolin-Mediated RNA Localization Regulates Neuron Growth and Cycling Cell Size. <i>Cell Reports</i> , <b>2016</b> , 16, 1664-1676	10.6	40
225	Sensitivity and sensitisation in relation to pain severity in knee osteoarthritis: trait or state?. <i>Annals of the Rheumatic Diseases</i> , <b>2015</b> , 74, 682-8	2.4	112
224	Silencing Nociceptor Neurons Reduces Allergic Airway Inflammation. <i>Neuron</i> , <b>2015</b> , 87, 341-54	13.9	203
223	From Dish to Bedside: Lessons Learned While Translating Findings from a Stem Cell Model of Disease to a Clinical Trial. <i>Cell Stem Cell</i> , <b>2015</b> , 17, 8-10	18	59
222	Reduction of Neuropathic and Inflammatory Pain through Inhibition of the Tetrahydrobiopterin Pathway. <i>Neuron</i> , <b>2015</b> , 86, 1393-406	13.9	76
221	The serine protease inhibitor SerpinA3N attenuates neuropathic pain by inhibiting T cell-derived leukocyte elastase. <i>Nature Medicine</i> , <b>2015</b> , 21, 518-23	50.5	113
220	CNS injury: IL-33 sounds the alarm. <i>Immunity</i> , <b>2015</b> , 42, 403-5	32.3	16
219	Injury-induced decline of intrinsic regenerative ability revealed by quantitative proteomics. <i>Neuron</i> , <b>2015</b> , 86, 1000-1014	13.9	141
218	Doublecortin-Like Kinases Promote Neuronal Survival and Induce Growth Cone Reformation via Distinct Mechanisms. <i>Neuron</i> , <b>2015</b> , 88, 704-19	13.9	48
217	The Stress-Induced Atf3-Gelsolin Cascade Underlies Dendritic Spine Deficits in Neuronal Models of Tuberous Sclerosis Complex. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 10762-72	6.6	27
216	Modeling pain in vitro using nociceptor neurons reprogrammed from fibroblasts. <i>Nature Neuroscience</i> , <b>2015</b> , 18, 17-24	25.5	135

215	Research design considerations for chronic pain prevention clinical trials: IMMPACT recommendations. <i>Pain</i> , <b>2015</b> , 156, 1184-1197	8	83
214	Chronic Electrical Nerve Stimulation as a Therapeutic Intervention for Peripheral Nerve Repair. <i>Bioelectronic Medicine</i> , <b>2015</b> , 2, 43-48	5.4	4
213	Robust Axonal Regeneration Occurs in the Injured CAST/Ei Mouse CNS. <i>Neuron</i> , <b>2015</b> , 86, 1215-27	13.9	60
212	CD11b+Ly6G- myeloid cells mediate mechanical inflammatory pain hypersensitivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E6808-17	11.5	93
211	Intrinsic membrane hyperexcitability of amyotrophic lateral sclerosis patient-derived motor neurons. <i>Cell Reports</i> , <b>2014</b> , 7, 1-11	10.6	444
210	Pathways disrupted in human ALS motor neurons identified through genetic correction of mutant SOD1. <i>Cell Stem Cell</i> , <b>2014</b> , 14, 781-95	18	300
209	What to call the amplification of nociceptive signals in the central nervous system that contribute to widespread pain?. <i>Pain</i> , <b>2014</b> , 155, 1911-1912	8	51
208	Skin Endorphin mediates addiction to UV light. <i>Cell</i> , <b>2014</b> , 157, 1527-34	56.2	195
207	Therapeutic restoration of spinal inhibition via druggable enhancement of potassium-chloride cotransporter KCC2-mediated chloride extrusion in peripheral neuropathic pain. <i>JAMA Neurology</i> , <b>2014</b> , 71, 640-5	17.2	33
206	Diminished Schwann cell repair responses underlie age-associated impaired axonal regeneration. <i>Neuron</i> , <b>2014</b> , 83, 331-343	13.9	156
205	A three-dimensional human neural cell culture model of Alzheimer's disease. <i>Nature</i> , <b>2014</b> , 515, 274-8	50.4	730
204	ATF3 expression improves motor function in the ALS mouse model by promoting motor neuron survival and retaining muscle innervation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 1622-7	11.5	37
203	Casting light on pain. <i>Nature Biotechnology</i> , <b>2014</b> , 32, 240-1	44.5	3
202	Transcriptional profiling at whole population and single cell levels reveals somatosensory neuron molecular diversity. <i>ELife</i> , <b>2014</b> , 3,	8.9	139
201	Bacteria activate sensory neurons that modulate pain and inflammation. <i>Nature</i> , <b>2013</b> , 501, 52-7	50.4	500
200	Personalized medicine and opioid analgesic prescribing for chronic pain: opportunities and challenges. <i>Journal of Pain</i> , <b>2013</b> , 14, 103-13	5.2	81
199	Pain: morphine, metabolites, mambas, and mutations. <i>Lancet Neurology</i> , <b>2013</b> , 12, 18-20	24.1	9
198	Photochemical activation of TRPA1 channels in neurons and animals. <i>Nature Chemical Biology</i> , <b>2013</b> , 9, 257-63	11.7	72

197	CLP1 links tRNA metabolism to progressive motor-neuron loss. <i>Nature</i> , <b>2013</b> , 495, 474-80	50.4	166
196	Phenotyping the function of TRPV1-expressing sensory neurons by targeted axonal silencing. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 315-26	6.6	75
195	A small molecule screen in stem-cell-derived motor neurons identifies a kinase inhibitor as a candidate therapeutic for ALS. <i>Cell Stem Cell</i> , <b>2013</b> , 12, 713-26	18	231
194	Activity-dependent silencing reveals functionally distinct itch-generating sensory neurons. <i>Nature Neuroscience</i> , <b>2013</b> , 16, 910-8	25.5	104
193	Permeation and block of TRPV1 channels by the cationic lidocaine derivative QX-314. <i>Journal of Neurophysiology</i> , <b>2013</b> , 109, 1704-12	3.2	63
192	Genetically determined P2X7 receptor pore formation regulates variability in chronic pain sensitivity. <i>Nature Medicine</i> , <b>2012</b> , 18, 595-9	50.5	265
191	Deconstructing the neuropathic pain phenotype to reveal neural mechanisms. <i>Neuron</i> , <b>2012</b> , 73, 638-52	13.9	558
190	Neurogenic inflammation and the peripheral nervous system in host defense and immunopathology. <i>Nature Neuroscience</i> , <b>2012</b> , 15, 1063-7	25.5	358
189	Analgesia by inhibiting tetrahydrobiopterin synthesis. <i>Current Opinion in Pharmacology</i> , <b>2012</b> , 12, 92-9	5.1	30
188	Construction of a global pain systems network highlights phospholipid signaling as a regulator of heat nociception. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1003071	6	15
187	5,6-EET is released upon neuronal activity and induces mechanical pain hypersensitivity via TRPA1 on central afferent terminals. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 6364-72	6.6	92
186	Conversion of mouse and human fibroblasts into functional spinal motor neurons. <i>Cell Stem Cell</i> , <b>2011</b> , 9, 205-18	18	504
185	TrpA1 regulates thermal nociception in <i>Drosophila</i> . <i>PLoS ONE</i> , <b>2011</b> , 6, e24343	3.7	105
184	A functionally characterized test set of human induced pluripotent stem cells. <i>Nature Biotechnology</i> , <b>2011</b> , 29, 279-86	44.5	379
183	Central sensitization: implications for the diagnosis and treatment of pain. <i>Pain</i> , <b>2011</b> , 152, S2-S15	8	2438
182	Considerations for extrapolating evidence of acute and chronic pain analgesic efficacy. <i>Pain</i> , <b>2011</b> , 152, 1705-1708	8	29
181	The BMP coreceptor RGMB promotes while the endogenous BMP antagonist noggin reduces neurite outgrowth and peripheral nerve regeneration by modulating BMP signaling. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 18391-400	6.6	50
180	Accelerating axonal growth promotes motor recovery after peripheral nerve injury in mice. <i>Journal of Clinical Investigation</i> , <b>2011</b> , 121, 4332-47	15.9	154



179	Overcoming obstacles to developing new analgesics. <i>Nature Medicine</i> , <b>2010</b> , 16, 1241-7	50.5	162
178	TRPA1 contributes to cold hypersensitivity. <i>Journal of Neuroscience</i> , <b>2010</b> , 30, 15165-74	6.6	204
177	Multiple chronic pain states are associated with a common amino acid-changing allele in KCNS1. <i>Brain</i> , <b>2010</b> , 133, 2519-27	11.2	187
176	A genome-wide <i>Drosophila</i> screen for heat nociception identifies $\alpha\beta$ as an evolutionarily conserved pain gene. <i>Cell</i> , <b>2010</b> , 143, 628-38	56.2	217
175	Loss of inhibitory interneurons in the dorsal spinal cord and elevated itch in Bhlhb5 mutant mice. <i>Neuron</i> , <b>2010</b> , 65, 886-98	13.9	307
174	Synaptic plasticity and central sensitization: author reply. <i>Journal of Pain</i> , <b>2010</b> , 11, 801-3	5.2	21
173	What is this thing called pain?. <i>Journal of Clinical Investigation</i> , <b>2010</b> , 120, 3742-4	15.9	274
172	Selectively targeting pain in the trigeminal system. <i>Pain</i> , <b>2010</b> , 150, 29-40	8	43
171	T-cell infiltration and signaling in the adult dorsal spinal cord is a major contributor to neuropathic pain-like hypersensitivity. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 14415-22	6.6	286
170	Overexpression of the wild-type SPT1 subunit lowers desoxysphingolipid levels and rescues the phenotype of HSAN1. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 14646-51	6.6	67
169	A novel tool for the assessment of pain: validation in low back pain. <i>PLoS Medicine</i> , <b>2009</b> , 6, e1000047	11.6	198
168	Transient receptor potential channels: targeting pain at the source. <i>Nature Reviews Drug Discovery</i> , <b>2009</b> , 8, 55-68	64.1	437
167	Mu and delta opioid receptors diverge. <i>Cell</i> , <b>2009</b> , 137, 987-8	56.2	13
166	Perianglionic inflammation elicits a distally radiating pain hypersensitivity by promoting COX-2 induction in the dorsal root ganglion. <i>Pain</i> , <b>2009</b> , 142, 59-67	8	52
165	Central sensitization: a generator of pain hypersensitivity by central neural plasticity. <i>Journal of Pain</i> , <b>2009</b> , 10, 895-926	5.2	2055
164	Neuropathic pain: a maladaptive response of the nervous system to damage. <i>Annual Review of Neuroscience</i> , <b>2009</b> , 32, 1-32	17	1221
163	COX2 in CNS neural cells mediates mechanical inflammatory pain hypersensitivity in mice. <i>Journal of Clinical Investigation</i> , <b>2009</b> , 119, 287-94	15.9	84
162	Ro5-4864 promotes neonatal motor neuron survival and nerve regeneration in adult rats. <i>European Journal of Neuroscience</i> , <b>2008</b> , 27, 937-46	3.5	36



161	GCH1 haplotype determines vascular and plasma biopterin availability in coronary artery disease effects on vascular superoxide production and endothelial function. <i>Journal of the American College of Cardiology</i> , <b>2008</b> , 52, 158-65	15.1	73
160	Low-dose methotrexate reduces peripheral nerve injury-evoked spinal microglial activation and neuropathic pain behavior in rats. <i>Pain</i> , <b>2008</b> , 138, 130-142	8	69
159	Nociceptors are interleukin-1beta sensors. <i>Journal of Neuroscience</i> , <b>2008</b> , 28, 14062-73	6.6	439
158	Bradykinin enhances AMPA and NMDA receptor activity in spinal cord dorsal horn neurons by activating multiple kinases to produce pain hypersensitivity. <i>Journal of Neuroscience</i> , <b>2008</b> , 28, 4533-40	6.6	88
157	Reduced hyperalgesia in homozygous carriers of a GTP cyclohydrolase 1 haplotype. <i>European Journal of Pain</i> , <b>2008</b> , 12, 1069-77	3.7	90
156	BACE1 regulates voltage-gated sodium channels and neuronal activity. <i>Nature Cell Biology</i> , <b>2007</b> , 9, 755-64	6.4	244
155	Cannabinoids mediate analgesia largely via peripheral type 1 cannabinoid receptors in nociceptors. <i>Nature Neuroscience</i> , <b>2007</b> , 10, 870-9	25.5	430
154	The neuropathic pain triad: neurons, immune cells and glia. <i>Nature Neuroscience</i> , <b>2007</b> , 10, 1361-8	25.5	1277
153	Inhibition of nociceptors by TRPV1-mediated entry of impermeant sodium channel blockers. <i>Nature</i> , <b>2007</b> , 449, 607-10	50.4	323
152	Reliable screening for a pain-protective haplotype in the GTP cyclohydrolase 1 gene (GCH1) through the use of 3 or fewer single nucleotide polymorphisms. <i>Clinical Chemistry</i> , <b>2007</b> , 53, 1010-5	5.5	44
151	Complement induction in spinal cord microglia results in anaphylatoxin C5a-mediated pain hypersensitivity. <i>Journal of Neuroscience</i> , <b>2007</b> , 27, 8699-708	6.6	176
150	Central sensitization: uncovering the relation between pain and plasticity. <i>Anesthesiology</i> , <b>2007</b> , 106, 864-7	4.3	210
149	Nociceptors--noxious stimulus detectors. <i>Neuron</i> , <b>2007</b> , 55, 353-64	13.9	627
148	GDNF selectively promotes regeneration of injury-primed sensory neurons in the lesioned spinal cord. <i>Molecular and Cellular Neurosciences</i> , <b>2007</b> , 36, 185-94	4.8	49
147	ATF3 increases the intrinsic growth state of DRG neurons to enhance peripheral nerve regeneration. <i>Journal of Neuroscience</i> , <b>2007</b> , 27, 7911-20	6.6	286
146	Prostaglandin E2 receptor EP4 contributes to inflammatory pain hypersensitivity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2006</b> , 319, 1096-103	4.7	186
145	The voltage-gated sodium channel Na(v)1.9 is an effector of peripheral inflammatory pain hypersensitivity. <i>Journal of Neuroscience</i> , <b>2006</b> , 26, 12852-60	6.6	227
144	Persistent postsurgical pain: risk factors and prevention. <i>Lancet, The</i> , <b>2006</b> , 367, 1618-25	40	2555

143	The transcription factor ATF-3 promotes neurite outgrowth. <i>Molecular and Cellular Neurosciences</i> , <b>2006</b> , 32, 143-54	4.8	169
142	RNAi blocks DYT1 mutant torsinA inclusions in neurons. <i>Neuroscience Letters</i> , <b>2006</b> , 395, 201-5	3.3	18
141	Runx1 determines nociceptive sensory neuron phenotype and is required for thermal and neuropathic pain. <i>Neuron</i> , <b>2006</b> , 49, 365-77	13.9	252
140	TRPA1 contributes to cold, mechanical, and chemical nociception but is not essential for hair-cell transduction. <i>Neuron</i> , <b>2006</b> , 50, 277-89	13.9	1000
139	Bone morphogenetic protein signaling by hemojuvelin regulates hepcidin expression. <i>Nature Genetics</i> , <b>2006</b> , 38, 531-9	36.3	818
138	GTP cyclohydrolase and tetrahydrobiopterin regulate pain sensitivity and persistence. <i>Nature Medicine</i> , <b>2006</b> , 12, 1269-77	50.5	435
137	Constitutive cyclo-oxygenase-2 does not contribute to the development of human visceral pain hypersensitivity. <i>European Journal of Pain</i> , <b>2006</b> , 10, 487-94	3.7	14
136	Role of the peripheral benzodiazepine receptor in sensory neuron regeneration. <i>Molecular and Cellular Neurosciences</i> , <b>2005</b> , 30, 228-37	4.8	40
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