

Gary Lewin

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.

154
papers

14,976
citations

61
h-index

121
g-index

175
ext. papers

16,650
ext. citations

11.3
avg, IF

6.37
L-index

#	Paper	IF	Citations
154	Immune competence and spleen size scale with colony status in the naked mole-rat.. <i>Open Biology</i> , 2022 , 12, 210292	7	0
153	USH2A is a Meissner corpuscle protein necessary for normal vibration sensing in mice and humans. <i>Nature Neuroscience</i> , 2021 , 24, 74-81	25.5	13
152	A Sweet Story of Metabolic Innovation in the Naked Mole-Rat. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1319, 271-286	3.6	4
151	Hearing and Vocalizations in the Naked Mole-Rat. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1319, 157-195	3.6	5
150	The naked truth: a comprehensive clarification and classification of current myths on naked mole-rat biology. <i>Biological Reviews</i> , 2021 ,	13.5	11
149	African Naked Mole-Rats Demonstrate Extreme Tolerance to Hypoxia and Hypercapnia. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1319, 255-269	3.6	10
148	The Somatosensory World of the African Naked Mole-Rat. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1319, 197-220	3.6	7
147	Cultural transmission of vocal dialect in the naked mole-rat. <i>Science</i> , 2021 , 371, 503-507	33.3	26
146	SPFH protein cage—one ring to rule them all.. <i>Cell Research</i> , 2021 ,	24.7	2
145	The Sensory Coding of Warm Perception. <i>Neuron</i> , 2020 , 106, 830-841.e3	13.9	43
144	Independent evolution of pain insensitivity in African mole-rats: origins and mechanisms. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2020 , 206, 313-325 ²⁻³	2.3	6
143	TMEM87a/Elkin1, a component of a novel mechano-electrical transduction pathway, modulates melanoma adhesion and migration. <i>ELife</i> , 2020 , 9,	8.9	23
142	SUMOylation of Enzymes and Ion Channels in Sensory Neurons Protects against Metabolic Dysfunction, Neuropathy, and Sensory Loss in Diabetes. <i>Neuron</i> , 2020 , 107, 1141-1159.e7	13.9	11
141	William D. Willis, Jr, MD, PhD Memorial Lecture: The evolutionary history of nerve growth factor and nociception. <i>Pain</i> , 2020 , 161 Suppl 1, S36-S47	8	2
140	Collagen Organization Within the Cartilage of Trpv4 Mice Studied with Two-Photon Microscopy and Polarized Second Harmonic Generation. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2020 , 97, 504-514	4.6	2
139	Rapid molecular evolution of pain insensitivity in multiple African rodents. <i>Science</i> , 2019 , 364, 852-859	33.3	39
138	Immune or Genetic-Mediated Disruption of CASPR2 Causes Pain Hypersensitivity Due to Enhanced Primary Afferent Excitability. <i>Neuron</i> , 2018 , 97, 806-822.e10	13.9	81

137	Mechanoelectrical transduction in chondrocytes. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2018 , 45, 481-488	3	22
136	Voltage-gating of mechanosensitive PIEZO channels. <i>Nature Communications</i> , 2018 , 9, 1096	17.4	67
135	The Absence of Sensory Axon Bifurcation Affects Nociception and Termination Fields of Afferents in the Spinal Cord. <i>Frontiers in Molecular Neuroscience</i> , 2018 , 11, 19	6.1	11
134	Maf links Neuregulin1 signaling to cholesterol synthesis in myelinating Schwann cells. <i>Genes and Development</i> , 2018 , 32, 645-657	12.6	11
133	Specialized mechanoreceptor systems in rodent glabrous skin. <i>Journal of Physiology</i> , 2018 , 596, 4995-5016	3.9	30
132	The mechanosensitive ion channel Piezo2 mediates sensitivity to mechanical pain in mice. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	126
131	The neural circuits of thermal perception. <i>Current Opinion in Neurobiology</i> , 2018 , 52, 98-106	7.6	19
130	Fructose-driven glycolysis supports anoxia resistance in the naked mole-rat. <i>Science</i> , 2017 , 356, 307-311	33.3	361
129	Lipidome determinants of maximal lifespan in mammals. <i>Scientific Reports</i> , 2017 , 7, 5	4.9	37
128	Small-molecule inhibition of STOML3 oligomerization reverses pathological mechanical hypersensitivity. <i>Nature Neuroscience</i> , 2017 , 20, 209-218	25.5	42
127	Congenital deafness is associated with specific somatosensory deficits in adolescents. <i>Scientific Reports</i> , 2017 , 7, 4251	4.9	8
126	Genetic Tracing of Ca _v 3.2 T-Type Calcium Channel Expression in the Peripheral Nervous System. <i>Frontiers in Molecular Neuroscience</i> , 2017 , 10, 70	6.1	19
125	Direct measurement of TRPV4 and PIEZO1 activity reveals multiple mechanotransduction pathways in chondrocytes. <i>ELife</i> , 2017 , 6,	8.9	131
124	Fxyd2 regulates A β and C-fiber mechanosensitivity and is required for the maintenance of neuropathic pain. <i>Scientific Reports</i> , 2016 , 6, 36407	4.9	15
123	Measurement of Vibration Detection Threshold and Tactile Spatial Acuity in Human Subjects. <i>Journal of Visualized Experiments</i> , 2016 ,	1.6	5
122	A Molecular Signature of Myalgia in Myotonic Dystrophy 2. <i>EBioMedicine</i> , 2016 , 7, 205-11	8.8	13
121	Hypofunctional TrkA Accounts for the Absence of Pain Sensitization in the African Naked Mole-Rat. <i>Cell Reports</i> , 2016 , 17, 748-758	10.6	33
120	Sensory mechanotransduction at membrane-matrix interfaces. <i>Pflugers Archiv European Journal of Physiology</i> , 2015 , 467, 121-32	4.6	26

119	ASICs and mammalian mechanoreceptor function. <i>Neuropharmacology</i> , 2015 , 94, 80-6	5.5	43
118	PIEZO2 is required for mechanotransduction in human stem cell-derived touch receptors. <i>Nature Neuroscience</i> , 2015 , 18, 10-6	25.5	66
117	A Probabilistic Model for Estimating the Depth and Threshold Temperature of C-fiber Nociceptors. <i>Scientific Reports</i> , 2015 , 5, 17670	4.9	7
116	Photoswitchable fatty acids enable optical control of TRPV1. <i>Nature Communications</i> , 2015 , 6, 7118	17.4	96
115	GABA blocks pathological but not acute TRPV1 pain signals. <i>Cell</i> , 2015 , 160, 759-770	56.2	92
114	Nerve growth factor and nociception: from experimental embryology to new analgesic therapy. <i>Handbook of Experimental Pharmacology</i> , 2014 , 220, 251-82	3.2	50
113	Pro-neurotrophins, sortilin, and nociception. <i>European Journal of Neuroscience</i> , 2014 , 39, 363-74	3.5	35
112	A somatosensory circuit for cooling perception in mice. <i>Nature Neuroscience</i> , 2014 , 17, 1560-6	25.5	38
111	Tuning Piezo ion channels to detect molecular-scale movements relevant for fine touch. <i>Nature Communications</i> , 2014 , 5, 3520	17.4	160
110	Water-induced finger wrinkles do not affect touch acuity or dexterity in handling wet objects. <i>PLoS ONE</i> , 2014 , 9, e84949	3.7	8
109	Activation of MAPK overrides the termination of myelin growth and replaces Nrg1/ErbB3 signals during Schwann cell development and myelination. <i>Genes and Development</i> , 2014 , 28, 290-303	12.6	65
108	Subunit-specific inhibition of acid sensing ion channels by stomatin-like protein 1. <i>Journal of Physiology</i> , 2014 , 592, 557-69	3.9	11
107	Piezo2 is the major transducer of mechanical forces for touch sensation in mice. <i>Nature</i> , 2014 , 516, 121-5	50.4	439
106	Inhibition of c-Kit signaling is associated with reduced heat and cold pain sensitivity in humans. <i>Pain</i> , 2014 , 155, 1222-1228	8	9
105	Evolution. Natural selection and pain meet at a sodium channel. <i>Science</i> , 2013 , 342, 428-9	33.3	4
104	Hairy sensation. <i>Physiology</i> , 2013 , 28, 142-50	9.8	51
103	Stomatin-domain protein interactions with acid-sensing ion channels modulate nociceptor mechanosensitivity. <i>Journal of Physiology</i> , 2013 , 591, 5555-74	3.9	34
102	Stomatin-domain proteins. <i>European Journal of Cell Biology</i> , 2012 , 91, 240-5	6.1	70

101	G α /11 signaling tonically modulates nociceptor function and contributes to activity-dependent sensitization. <i>Pain</i> , 2012 , 153, 184-196	8	25
100	Regulation of ASIC channels by a stomatin/STOML3 complex located in a mobile vesicle pool in sensory neurons. <i>Open Biology</i> , 2012 , 2, 120096	7	31
99	Neural precursor cells induce cell death of high-grade astrocytomas through stimulation of TRPV1. <i>Nature Medicine</i> , 2012 , 18, 1232-8	50.5	121
98	Specific paucity of unmyelinated C-fibers in cutaneous peripheral nerves of the African naked-mole rat: comparative analysis using six species of Bathyergidae. <i>Journal of Comparative Neurology</i> , 2012 , 520, 2785-803	3.4	22
97	A genetic basis for mechanosensory traits in humans. <i>PLoS Biology</i> , 2012 , 10, e1001318	9.7	49
96	A stomatin dimer modulates the activity of acid-sensing ion channels. <i>EMBO Journal</i> , 2012 , 31, 3635-46	13	48
95	The transcription factor c-Maf controls touch receptor development and function. <i>Science</i> , 2012 , 335, 1373-6	33.3	109
94	Presynaptically localized cyclic GMP-dependent protein kinase 1 is a key determinant of spinal synaptic potentiation and pain hypersensitivity. <i>PLoS Biology</i> , 2012 , 10, e1001283	9.7	71
93	The molecular and cellular identity of peripheral osmoreceptors. <i>Neuron</i> , 2011 , 69, 332-44	13.9	115
92	Sortilin associates with Trk receptors to enhance anterograde transport and neurotrophin signaling. <i>Nature Neuroscience</i> , 2011 , 14, 54-61	25.5	132
91	The Cav3.2 T-type calcium channel regulates temporal coding in mouse mechanoreceptors. <i>Journal of Physiology</i> , 2011 , 589, 2229-43	3.9	44
90	The molecular basis of acid insensitivity in the African naked mole-rat. <i>Science</i> , 2011 , 334, 1557-60	33.3	96
89	Laminin-332 coordinates mechanotransduction and growth cone bifurcation in sensory neurons. <i>Nature Neuroscience</i> , 2011 , 14, 993-1000	25.5	51
88	KCNQ4 K(+) channels tune mechanoreceptors for normal touch sensation in mouse and man. <i>Nature Neuroscience</i> , 2011 , 15, 138-45	25.5	79
87	Peripheral calcium-permeable AMPA receptors regulate chronic inflammatory pain in mice. <i>Journal of Clinical Investigation</i> , 2011 , 121, 1608-23	15.9	44
86	Evidence for a protein tether involved in somatic touch. <i>EMBO Journal</i> , 2010 , 29, 855-67	13	69
85	An in vivo tethered toxin approach for the cell-autonomous inactivation of voltage-gated sodium channel currents in nociceptors. <i>Journal of Physiology</i> , 2010 , 588, 1695-707	3.9	24
84	Functional neurokinin and NMDA receptor activity in an animal naturally lacking substance P: the naked mole-rat. <i>PLoS ONE</i> , 2010 , 5, e15162	3.7	16

83	Naked Mole Rats: Their Extraordinary Sensory World 2010 , 505-512		1
82	Ultraviolet-B-induced mechanical hyperalgesia: A role for peripheral sensitisation. <i>Pain</i> , 2010 , 150, 141-152		48
81	Absence of histamine-induced itch in the African naked mole-rat and "rescue" by Substance P. <i>Molecular Pain</i> , 2010 , 6, 29	3.4	27
80	Nociceptors: a phylogenetic view. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2009 , 195, 1089-106	2.3	146
79	Peripheral sensitisation of nociceptors via G-protein-dependent potentiation of mechanotransduction currents. <i>Journal of Physiology</i> , 2009 , 587, 3493-503	3.9	45
78	Developmental waves of mechanosensitivity acquisition in sensory neuron subtypes during embryonic development. <i>EMBO Journal</i> , 2009 , 28, 1479-91	13	71
77	Blind and naked, but oh so cool: The subterranean world of the naked mole-rat. <i>FASEB Journal</i> , 2009 , 23, 416.4	0.9	
76	Speed and temperature dependences of mechanotransduction in afferent fibers recorded from the mouse saphenous nerve. <i>Journal of Neurophysiology</i> , 2008 , 100, 2771-83	3.2	45
75	Selective inflammatory pain insensitivity in the African naked mole-rat (<i>Heterocephalus glaber</i>). <i>PLoS Biology</i> , 2008 , 6, e13	9.7	129
74	Stomatin and sensory neuron mechanotransduction. <i>Journal of Neurophysiology</i> , 2007 , 98, 3802-8	3.2	43
73	Roles for the pro-neurotrophin receptor sortilin in neuronal development, aging and brain injury. <i>Nature Neuroscience</i> , 2007 , 10, 1449-57	25.5	220
72	A stomatin-domain protein essential for touch sensation in the mouse. <i>Nature</i> , 2007 , 445, 206-9	50.4	179
71	Nociceptive tuning by stem cell factor/c-Kit signaling. <i>Neuron</i> , 2007 , 56, 893-906	13.9	52
70	A role for T-type Ca ²⁺ channels in mechanosensation. <i>Cell Calcium</i> , 2006 , 40, 165-74	4	17
69	Chapter 13 Finding Sensory Neuron Mechanotransduction Components. <i>Current Topics in Membranes</i> , 2006 , 379-414	2.2	1
68	The high threshold mechanotransducer: a status report. <i>Pain</i> , 2006 , 120, 3-7	8	35
67	Mechanosensitive currents in the neurites of cultured mouse sensory neurones. <i>Journal of Physiology</i> , 2006 , 577, 815-28	3.9	135
66	The sensory mechanotransduction ion channel ASIC2 (acid sensitive ion channel 2) is regulated by neurotrophin availability. <i>Neuroscience</i> , 2005 , 131, 499-511	3.9	38

65	Role of T-type calcium current in identified D-hair mechanoreceptor neurons studied in vitro. <i>Journal of Neuroscience</i> , 2004 , 24, 8480-4	6.6	62
64	A plethora of painful molecules. <i>Current Opinion in Neurobiology</i> , 2004 , 14, 443-9	7.6	34
63	Mechanosensation and pain. <i>Journal of Neurobiology</i> , 2004 , 61, 30-44		171
62	The ion channel ASIC1 contributes to visceral but not cutaneous mechanoreceptor function. <i>Gastroenterology</i> , 2004 , 127, 1739-47	13.3	123
61	The AMPA receptor subunits GluR-A and GluR-B reciprocally modulate spinal synaptic plasticity and inflammatory pain. <i>Neuron</i> , 2004 , 44, 637-50	13.9	165
60	Identification of caveolae-like structures on the surface of intact cells using scanning force microscopy. <i>Journal of Membrane Biology</i> , 2003 , 194, 97-108	2.3	12
59	A T-type calcium channel required for normal function of a mammalian mechanoreceptor. <i>Nature Neuroscience</i> , 2003 , 6, 724-30	25.5	120
58	Neurotrophin-4: a survival factor for adult sensory neurons. <i>Current Biology</i> , 2002 , 12, 1401-4	6.3	57
57	GFR alpha2/neurturin signalling regulates noxious heat transduction in isolectin B4-binding mouse sensory neurons. <i>Journal of Physiology</i> , 2002 , 545, 43-50	3.9	50
56	cGMP-mediated signaling via cGKIalpha is required for the guidance and connectivity of sensory axons. <i>Journal of Cell Biology</i> , 2002 , 159, 489-98	7.3	93
55	Distinct requirements for TrkB and TrkC signaling in target innervation by sensory neurons. <i>Genes and Development</i> , 2002 , 16, 633-45	12.6	69
54	The homeodomain factor <i>lhx1</i> distinguishes two major programs of neuronal differentiation in the dorsal spinal cord. <i>Neuron</i> , 2002 , 34, 551-62	13.9	285
53	Selective activation of nociceptors by P2X receptor agonists in normal and inflamed rat skin. <i>Journal of Physiology</i> , 2001 , 534, 437-45	3.9	98
52	BDNF but not NT-4 is required for normal flexion reflex plasticity and function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 8107-12	11.5	75
51	The DRASIC cation channel contributes to the detection of cutaneous touch and acid stimuli in mice. <i>Neuron</i> , 2001 , 32, 1071-83	13.9	512
50	Lack of neurotrophin-4 causes selective structural and chemical deficits in sympathetic ganglia and their preganglionic innervation. <i>Journal of Neuroscience</i> , 2001 , 21, 3073-84	6.6	34
49	Neurotrophins, nociceptors and pain. <i>Current Opinion in Anaesthesiology</i> , 2000 , 13, 573-6	2.9	20
48	The mammalian sodium channel BNC1 is required for normal touch sensation. <i>Nature</i> , 2000 , 407, 1007-11	30.4	414

47	Hypoalgesia and altered inflammatory responses in mice lacking kinin B1 receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 8140-5	11.5	308
46	A new role for neurotrophins: involvement of brain-derived neurotrophic factor and neurotrophin-4 in hair cycle control. <i>FASEB Journal</i> , 1999 , 13, 395-410	0.9	91
45	Cellular sources of enhanced brain-derived neurotrophic factor production in a mouse model of allergic inflammation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1999 , 21, 537-46	5.7	147
44	Neurotrophins: a link between airway inflammation and airway smooth muscle contractility in asthma?. <i>International Archives of Allergy and Immunology</i> , 1999 , 118, 163-5	3.7	58
43	Stability and plasticity of primary afferent projections following nerve regeneration and central degeneration. <i>European Journal of Neuroscience</i> , 1999 , 11, 457-68	3.5	48
42	Abundant production of brain-derived neurotrophic factor by adult visceral epithelia. Implications for paracrine and target-derived Neurotrophic functions. <i>American Journal of Pathology</i> , 1999 , 155, 1183-93	5.8	211
41	Stomatin, a MEC-2 like protein, is expressed by mammalian sensory neurons. <i>Molecular and Cellular Neurosciences</i> , 1999 , 13, 391-404	4.8	60
40	Isolectin B(4)-positive and -negative nociceptors are functionally distinct. <i>Journal of Neuroscience</i> , 1999 , 19, 6497-505	6.6	390
39	A role for BDNF in mechanosensation. <i>Nature Neuroscience</i> , 1998 , 1, 42-6	25.5	154
38	BDNF overexpression induces differential increases among subsets of sympathetic innervation in murine back skin. <i>European Journal of Neuroscience</i> , 1998 , 10, 3276-83	3.5	24
37	Neurotrophin-3 involvement in the regulation of hair follicle morphogenesis. <i>Journal of Investigative Dermatology</i> , 1998 , 111, 279-85	4.3	50
36	Point mutation in trkB causes loss of NT4-dependent neurons without major effects on diverse BDNF responses. <i>Neuron</i> , 1998 , 21, 335-45	13.9	169
35	A new role for neurotrophin-3: involvement in the regulation of hair follicle regression (catagen). <i>American Journal of Pathology</i> , 1998 , 153, 785-99	5.8	79
34	TrkB and neurotrophin-4 are important for development and maintenance of sympathetic preganglionic neurons innervating the adrenal medulla. <i>Journal of Neuroscience</i> , 1998 , 18, 7272-84	6.6	41
33	Neurotrophins live or let die: does p75NTR decide?. <i>Neuron</i> , 1997 , 18, 187-90	13.9	197
32	Receptive properties of mouse sensory neurons innervating hairy skin. <i>Journal of Neurophysiology</i> , 1997 , 78, 1841-50	3.2	288
31	Receptive properties of embryonic chick sensory neurons innervating skin. <i>Journal of Neurophysiology</i> , 1997 , 78, 2560-8	3.2	31
30	Severe neuropathies in mice with targeted mutations in the ErbB3 receptor. <i>Nature</i> , 1997 , 389, 725-30	50.4	610

29	Specific subtypes of cutaneous mechanoreceptors require neurotrophin-3 following peripheral target innervation. <i>Neuron</i> , 1996 , 16, 287-95	13.9	203
28	Physiology of the neurotrophins. <i>Annual Review of Neuroscience</i> , 1996 , 19, 289-317	17	1700
27	Maintenance of modality-specific connections in the spinal cord after neonatal nerve growth factor deprivation. <i>European Journal of Neuroscience</i> , 1996 , 8, 1677-84	3.5	15
26	Neurotrophic factors and pain. <i>Seminars in Neuroscience</i> , 1995 , 7, 227-232		16
25	Regulation of cutaneous C-fiber heat nociceptors by nerve growth factor in the developing rat. <i>Journal of Neurophysiology</i> , 1994 , 71, 941-9	3.2	101
24	NMDA receptors and activity-dependent tuning of the receptive fields of spinal cord neurons. <i>Nature</i> , 1994 , 369, 482-5	50.4	27
23	Peripheral and central mechanisms of NGF-induced hyperalgesia. <i>European Journal of Neuroscience</i> , 1994 , 6, 1903-12	3.5	449
22	An ultrastructural size principle. <i>Neuroscience</i> , 1994 , 58, 441-6	3.9	129
21	Nerve growth factor and nociception. <i>Trends in Neurosciences</i> , 1993 , 16, 353-9	13.3	441
20	Altered expression of nerve growth factor in the skin of transgenic mice leads to changes in response to mechanical stimuli. <i>Neuroscience</i> , 1993 , 56, 789-92	3.9	104
19	Regulation of myelinated nociceptor function by nerve growth factor in neonatal and adult rats. <i>Brain Research Bulletin</i> , 1993 , 30, 245-9	3.9	29
18	Central hyperexcitability triggered by noxious inputs. <i>Current Opinion in Neurobiology</i> , 1993 , 3, 602-10	7.6	301
17	Nerve growth factor-induced hyperalgesia in the neonatal and adult rat. <i>Journal of Neuroscience</i> , 1993 , 13, 2136-48	6.6	469
16	Muscle afferents innervating skin form somatotopically appropriate connections in the adult rat dorsal horn. <i>European Journal of Neuroscience</i> , 1993 , 5, 1083-92	3.5	10
15	On the role of nerve growth factor in the development of myelinated nociceptors. <i>Journal of Neuroscience</i> , 1992 , 12, 1896-905	6.6	136
14	Neonatal Anti-NGF Treatment Reduces the Delta- and C-Fibre Evoked Vasodilator Responses in Rat Skin: Evidence That Nociceptor Afferents Mediate Antidromic Vasodilatation. <i>European Journal of Neuroscience</i> , 1992 , 4, 1213-8	3.5	30
13	Regulation of afferent connectivity in the adult spinal cord by nerve growth factor. <i>European Journal of Neuroscience</i> , 1992 , 4, 700-7	3.5	102
12	Removing constraints on neural sprouting. <i>Current Biology</i> , 1992 , 2, 259-61	6.3	5

11	Requirement for nerve growth factor in the development of myelinated nociceptors in vivo. <i>Nature</i> , 1991 , 350, 500-2	50.4	200
10	Dorsal Horn Plasticity Following Re-routing of Peripheral Nerves: Evidence for Tissue-Specific Neurotrophic Influences from the Periphery. <i>European Journal of Neuroscience</i> , 1991 , 3, 1112-22	3.5	17
9	The consequences of long-term topical capsaicin application in the rat. <i>Pain</i> , 1991 , 44, 301-310	8	61
8	Physiological properties of primary sensory neurons appropriately and inappropriately innervating skin in the adult rat. <i>Journal of Neurophysiology</i> , 1991 , 66, 1205-17	3.2	47
7	Physiological properties of primary sensory neurons appropriately and inappropriately innervating skeletal muscle in adult rats. <i>Journal of Neurophysiology</i> , 1991 , 66, 1218-31	3.2	38
6	Increase of blood flow in skin and spinal cord following activation of small diameter primary afferents. <i>Brain Research</i> , 1990 , 509, 145-9	3.7	19
5	Quantitative analysis of peptide levels and neurogenic extravasation following regeneration of afferents to appropriate and inappropriate targets. <i>Neuroscience</i> , 1989 , 33, 67-73	3.9	48
4	USH2A is a skin end-organ protein necessary for vibration sensing in mice and humans		2
3	Voltage-gating of mechanosensitive PIEZO channels		2
2	The sensory coding of warm perception		1
1	Immune competence and spleen size scale with colony status in the naked mole-rat		1