Hui-Lin Pan

List of Publications by Year in Descending Order

230 papers	9,447 citations	57 h-index	81 g-index
238 ext. papers	10,618 ext. citations	5.1 avg, IF	6.32 L-index

#	Paper	IF	Citations
230	21 Protein Promotes Synaptic Expression of Ca Permeable-AMPA Receptors by Inhibiting GluA1/GluA2 Heteromeric Assembly in the Hypothalamus in Hypertension.. *Journal of Neurochemistry*, **2022**,	6	1
229	Electroacupuncture Reduces Visceral Pain Via Cannabinoid CB2 Receptors in a Mouse Model of Inflammatory Bowel Disease.. *Frontiers in Pharmacology*, **2022**, 13, 861799	5.6	0
228	Cannabinoid CB2 receptors are upregulated via bivalent histone modifications and control primary afferent input to the spinal cord in neuropathic pain.. *Journal of Biological Chemistry*, **2022**, 101999	5.4	1
227	Transcriptomic Profiling in Mice With CB1 receptor Deletion in Primary Sensory Neurons Suggests New Analgesic Targets for Neuropathic Pain.. *Frontiers in Pharmacology*, **2021**, 12, 781237	5.6	1
226	Calcineurin Regulates Synaptic Plasticity and Nociceptive Transmissionat the Spinal Cord Level. *Neuroscientist*, **2021**, 10738584211046888	7.6	1
225	21 Upregulation in Primary Sensory Neurons Promotes NMDA Receptor-Mediated Glutamatergic Input in Resiniferatoxin-Induced Neuropathy. *Journal of Neuroscience*, **2021**, 41, 5963-5978	6.6	8
224	21-Dependent NMDA Receptor Activity in the Hypothalamus Is an Effector of Genetic-Environment Interactions That Drive Persistent Hypertension. *Journal of Neuroscience*, **2021**, 41, 6551-6563	6.6	1
223	Protein Kinase C-Mediated Phosphorylation and 21 Interdependently Regulate NMDA Receptor Trafficking and Activity. *Journal of Neuroscience*, **2021**, 41, 6415-6429	6.6	6
222	21 switches the phenotype of synaptic AMPA receptors by physically disrupting heteromeric subunit assembly. *Cell Reports*, **2021**, 36, 109396	10.6	6
221	Impaired Kv7 channel activity in the central amygdala contributes to elevated sympathetic outflow in hypertension. *Cardiovascular Research*, **2021**,	9.9	2
220	Theta-burst stimulation of primary afferents drives long-term potentiation in the spinal cord and persistent pain via 21-bound NMDA receptors. *Journal of Neuroscience*, **2021**,	6.6	4
219	Group III metabotropic glutamate receptors regulate hypothalamic presympathetic neurons through opposing presynaptic and postsynaptic actions in hypertension. *Neuropharmacology*, **2020**, 174, 108159	5.5	1
218	LRRC8A-dependent volume-regulated anion channels contribute to ischemia-induced brain injury and glutamatergic input to hippocampal neurons. *Experimental Neurology*, **2020**, 332, 113391	5.7	10
217	Gene therapy approaches to restore chloride homeostasis for treating neuropathic pain **2020**, 687-700		
216	Histone methyltransferase G9a diminishes expression of cannabinoid CB receptors in primary sensory neurons in neuropathic pain. *Journal of Biological Chemistry*, **2020**, 295, 3553-3562	5.4	7
215	Opioid receptors in primary sensory neurons are involved in supraspinal opioid analgesia. *Brain Research*, **2020**, 1729, 146623	3.7	11
214	Calcineurin Inhibition Causes 21-Mediated Tonic Activation of Synaptic NMDA Receptors and Pain Hypersensitivity. *Journal of Neuroscience*, **2020**, 40, 3707-3719	6.6	11

213	Streptozotocin-Induced Diabetic Neuropathic Pain Is Associated with Potentiated Calcium-Permeable AMPA Receptor Activity in the Spinal Cord. *Journal of Pharmacology and Experimental Therapeutics*, **2019**, 371, 242-249	4.7	9
212	Endogenous transient receptor potential ankyrin 1 and vanilloid 1 activity potentiates glutamatergic input to spinal lamina I neurons in inflammatory pain. *Journal of Neurochemistry*, **2019**, 149, 381-398	6	18
211	Electroacupuncture decreases Netrin-1-induced myelinated afferent fiber sprouting and neuropathic pain through opioid receptors. *Journal of Pain Research*, **2019**, 12, 1259-1268	2.9	13
210	Presynaptic NMDA receptors control nociceptive transmission at the spinal cord level in neuropathic pain. *Cellular and Molecular Life Sciences*, **2019**, 76, 1889-1899	10.3	40
209	AMPK activation attenuates inflammatory pain through inhibiting NF- B activation and IL-1 expression. *Journal of Neuroinflammation*, **2019**, 16, 34	10.1	61
208	Endogenous AT1 receptor-protein kinase C activity in the hypothalamus augments glutamatergic input and sympathetic outflow in hypertension. *Journal of Physiology*, **2019**, 597, 4325-4340	3.9	11
207	The &[Alpha]2 1 NMDA Receptor Coupling is Essential for Corticostriatal Long-Term Potentiation and is Involved in Learning and Memory. *FASEB Journal*, **2019**, 33, 738.2	0.9	
206	Polyester nanoparticle-encapsulated paclitaxel mitigates paclitaxel-induced peripheral neuropathy. *FASEB Journal*, **2019**, 33, 813.8	0.9	
205	Group III Metabotropic Glutamate Receptors Regulate Excitability of Hypothalamic Presympathetic Neurons and Sympathetic Output in Hypertension. *FASEB Journal*, **2019**, 33, 744.8	0.9	
204	2 1-Bound N-Methyl-D-aspartate Receptors Mediate Morphine-induced Hyperalgesia and Analgesic Tolerance by Potentiating Glutamatergic Input in Rodents. *Anesthesiology*, **2019**, 130, 804-819	4.3	16
203	Opioid receptors in primary sensory neurons are essential for opioid analgesic effect on acute and inflammatory pain and opioid-induced hyperalgesia. *Journal of Physiology*, **2019**, 597, 1661-1675	3.9	29
202	Increased 2 1-NMDA receptor coupling potentiates glutamatergic input to spinal dorsal horn neurons in chemotherapy-induced neuropathic pain. *Journal of Neurochemistry*, **2019**, 148, 252-274	6	34
201	Role of Histone Modifications in Chronic Pain Development **2019**, 85-98		1
200	Impaired Hypothalamic Regulation of Sympathetic Outflow in Primary Hypertension. *Neuroscience Bulletin*, **2019**, 35, 124-132	4.3	22
199	Mitogen-activated protein kinase signaling mediates opioid-induced presynaptic NMDA receptor activation and analgesic tolerance. *Journal of Neurochemistry*, **2019**, 148, 275-290	6	13
198	The 2 1-NMDA Receptor Complex Is Critically Involved in Neuropathic Pain Development and Gabapentin Therapeutic Actions. *Cell Reports*, **2018**, 22, 2307-2321	10.6	113
197	Electroacupuncture Potentiates Cannabinoid Receptor-Mediated Descending Inhibitory Control in a Mouse Model of Knee Osteoarthritis. *Frontiers in Molecular Neuroscience*, **2018**, 11, 112	6.1	23
196	2 1 couples to NMDA receptors in the hypothalamus to sustain sympathetic vasomotor activity in hypertension. *Journal of Physiology*, **2018**, 596, 4269-4283	3.9	19

195	Regulation of sympathetic vasomotor activity by the hypothalamic paraventricular nucleus in normotensive and hypertensive states. *American Journal of Physiology - Heart and Circulatory Physiology*, **2018**, 315, H1200-H1214	5.2	52
194	Nerve Injury-Induced Chronic Pain Is Associated with Persistent DNA Methylation Reprogramming in Dorsal Root Ganglion. *Journal of Neuroscience*, **2018**, 38, 6090-6101	6.6	40
193	2B1 Is Essential for Sympathetic Output and NMDA Receptor Activity Potentiated by Angiotensin II in the Hypothalamus. *Journal of Neuroscience*, **2018**, 38, 6388-6398	6.6	20
192	Deficient LRRC8A-dependent volume-regulated anion channel activity is associated with male infertility in mice. *JCI Insight*, **2018**, 3,	9.9	20
191	Central analgesic mechanisms of sinomenine in chronic neuropathic pain. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2018**, WCP2018, PO2-12-22	0	
190	Electroacupuncture inhibits NLRP3 inflammasome activation through CB2 receptors in inflammatory pain. *Brain, Behavior, and Immunity*, **2018**, 67, 91-100	16.6	47
189	Focal Cerebral Ischemia and Reperfusion Induce Brain Injury Through 2B1-Bound NMDA Receptors. *Stroke*, **2018**, 49, 2464-2472	6.7	26
188	The 2B1-NMDA receptor coupling is essential for corticostriatal long-term potentiation and is involved in learning and memory. *Journal of Biological Chemistry*, **2018**, 293, 19354-19364	5.4	24
187	Reply to Meriney and Lacomis: Comment on direct aminopyridine effects on voltage-gated Ca channels. *Journal of Biological Chemistry*, **2018**, 293, 16101	5.4	1
186	RE1-silencing transcription factor controls the acute-to-chronic neuropathic pain transition and receptor gene expression in primary sensory neurons. *Journal of Biological Chemistry*, **2018**, 293, 19078-19091	5.4	17
185	Glutamate-activated BK channel complexes formed with NMDA receptors. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E9006-E9014	11.5	23
184	Regulating nociceptive transmission by VGluT2-expressing spinal dorsal horn neurons. *Journal of Neurochemistry*, **2018**, 147, 526-540	6	18
183	NMDA Receptors and Signaling in Chronic Neuropathic Pain **2017**, 103-119		3
182	Ghrelin receptors mediate ghrelin-induced excitation of agouti-related protein/neuropeptide Y but not pro-opiomelanocortin neurons. *Journal of Neurochemistry*, **2017**, 142, 512-520	6	32
181	Src Kinases Regulate Glutamatergic Input to Hypothalamic Presympathetic Neurons and Sympathetic Outflow in Hypertension. *Hypertension*, **2017**, 69, 154-162	8.5	19
180	Presynaptic mGluR5 receptor controls glutamatergic input through protein kinase C-NMDA receptors in paclitaxel-induced neuropathic pain. *Journal of Biological Chemistry*, **2017**, 292, 20644-20654	5.4	21
179	CaMKII Regulates Synaptic NMDA Receptor Activity of Hypothalamic Presympathetic Neurons and Sympathetic Outflow in Hypertension. *Journal of Neuroscience*, **2017**, 37, 10690-10699	6.6	19
178	Glutamatergic Regulation of Hypothalamic Presympathetic Neurons in Hypertension. *Current Hypertension Reports*, **2017**, 19, 78	4.7	16

177	Endogenous nitric oxide inhibits spinal NMDA receptor activity and pain hypersensitivity induced by nerve injury. *Neuropharmacology*, **2017**, 125, 156-165	5.5	12
176	Bortezomib induces neuropathic pain through protein kinase C-mediated activation of presynaptic NMDA receptors in the spinal cord. *Neuropharmacology*, **2017**, 123, 477-487	5.5	33
175	Suppression of GHS-R in AgRP Neurons Mitigates Diet-Induced Obesity by Activating Thermogenesis. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	32
174	Signaling Mechanism of Cannabinoid Receptor-2 Activation-Induced Endorphin Release. *Molecular Neurobiology*, **2016**, 53, 3616-3625	6.2	16
173	Presynaptic N-Methyl-d-aspartate (NMDA) Receptor Activity Is Increased Through Protein Kinase C in Paclitaxel-induced Neuropathic Pain. *Journal of Biological Chemistry*, **2016**, 291, 19364-73	5.4	31
172	Nerve Injury Diminishes Opioid Analgesia through Lysine Methyltransferase-mediated Transcriptional Repression of Opioid Receptors in Primary Sensory Neurons. *Journal of Biological Chemistry*, **2016**, 291, 8475-85	5.4	36
171	Muscarinic receptor subtypes differentially control synaptic input and excitability of cerebellum-projecting medial vestibular nucleus neurons. *Journal of Neurochemistry*, **2016**, 137, 226-39	6	8
170	Netrin-1 Contributes to Myelinated Afferent Fiber Sprouting and Neuropathic Pain. *Molecular Neurobiology*, **2016**, 53, 5640-51	6.2	19
169	Peripheral Motor and Sensory Nerve Conduction following Transplantation of Undifferentiated Autologous Adipose Tissue-Derived Stem Cells in a Biodegradable U.S. Food and Drug Administration-Approved Nerve Conduit. *Plastic and Reconstructive Surgery*, **2016**, 138, 132-139	2.7	27
168	Chloride Homeostasis Critically Regulates Synaptic NMDA Receptor Activity in Neuropathic Pain. *Cell Reports*, **2016**, 15, 1376-1383	10.6	60
167	GABAergic projections from lateral hypothalamus to paraventricular hypothalamic nucleus promote feeding. *Journal of Neuroscience*, **2015**, 35, 3312-8	6.6	59
166	Endogenous casein kinase-1 modulates NMDA receptor activity of hypothalamic presympathetic neurons and sympathetic outflow in hypertension. *Journal of Physiology*, **2015**, 593, 4439-52	3.9	18
165	G9a is essential for epigenetic silencing of K(+) channel genes in acute-to-chronic pain transition. *Nature Neuroscience*, **2015**, 18, 1746-55	25.5	116
164	Pannexin-1 Up-regulation in the Dorsal Root Ganglion Contributes to Neuropathic Pain Development. *Journal of Biological Chemistry*, **2015**, 290, 14647-55	5.4	59
163	Molecular Basis of Regulating High Voltage-Activated Calcium Channels by S-Nitrosylation. *Journal of Biological Chemistry*, **2015**, 290, 30616-23	5.4	12
162	Evaluating the use of antibiotic prophylaxis during open reduction and internal fixation surgery in patients at low risk of surgical site infection. *Injury*, **2015**, 46, 184-8	2.5	15
161	Nitric Oxide Derived from Neuronal NOS Inhibits Spinal Synaptic Transmission and Neuropathic Pain. *FASEB Journal*, **2015**, 29, 770.2	0.9	
160	Presynaptic glycine receptors as a potential therapeutic target for hyperekplexia disease. *Nature Neuroscience*, **2014**, 17, 232-9	25.5	42

159	mGluR5 Upregulation increases excitability of hypothalamic presympathetic neurons through NMDA receptor trafficking in spontaneously hypertensive rats. *Journal of Neuroscience*, **2014**, 34, 4309-17	6.6	28
158	Hyper-SUMOylation of the Kv7 potassium channel diminishes the M-current leading to seizures and sudden death. *Neuron*, **2014**, 83, 1159-71	13.9	66
157	Role of ATP-sensitive potassium channels in modulating nociception in rat model of bone cancer pain. *Brain Research*, **2014**, 1554, 29-35	3.7	14
156	Increased spinal cord Na+-K+-2Cl? cotransporter-1 (NKCC1) activity contributes to impairment of synaptic inhibition in paclitaxel-induced neuropathic pain. *Journal of Biological Chemistry*, **2014**, 289, 31111-20	5.4	30
155	Casein kinase II inhibition reverses pain hypersensitivity and potentiated spinal N-methyl-D-aspartate receptor activity caused by calcineurin inhibitor. *Journal of Pharmacology and Experimental Therapeutics*, **2014**, 349, 239-47	4.7	12
154	Regulation of nociceptive transduction and transmission by nitric oxide. *Vitamins and Hormones*, **2014**, 96, 1-18	2.5	5
153	Calcineurin inhibitor induces pain hypersensitivity by potentiating pre- and postsynaptic NMDA receptor activity in spinal cords. *Journal of Physiology*, **2014**, 592, 215-27	3.9	53
152	Protein kinase CK2 contributes to diminished small conductance Ca2+-activated K+ channel activity of hypothalamic pre-sympathetic neurons in hypertension. *Journal of Neurochemistry*, **2014**, 130, 657-67	6	17
151	Potentiation of high voltage-activated calcium channels by 4-aminopyridine depends on subunit composition. *Molecular Pharmacology*, **2014**, 86, 760-72	4.3	13
150	Casein kinase II regulates N-methyl-D-aspartate receptor activity in spinal cords and pain hypersensitivity induced by nerve injury. *Journal of Pharmacology and Experimental Therapeutics*, **2014**, 350, 301-12	4.7	38
149	Differential regulation of primary afferent input to spinal cord by muscarinic receptor subtypes delineated using knockout mice. *Journal of Biological Chemistry*, **2014**, 289, 14321-30	5.4	17
148	Electroacupuncture improves thermal and mechanical sensitivities in a rat model of postherpetic neuralgia. *Molecular Pain*, **2013**, 9, 18	3.4	22
147	Mastering tricyclic ring systems for desirable functional cannabinoid activity. *European Journal of Medicinal Chemistry*, **2013**, 69, 881-907	6.8	35
146	Nerve injury increases GluA2-lacking AMPA receptor prevalence in spinal cords: functional significance and signaling mechanisms. *Journal of Pharmacology and Experimental Therapeutics*, **2013**, 347, 765-72	4.7	29
145	Regulation of Hypothalamic Presympathetic Neurons and Sympathetic Outflow by Group II Metabotropic Glutamate Receptors in Spontaneously Hypertensive Rats. *Hypertension*, **2013**, 62, 255-62	8.5	21
144	Upregulation of nuclear factor of activated T-cells by nerve injury contributes to development of neuropathic pain. *Journal of Pharmacology and Experimental Therapeutics*, **2013**, 345, 161-8	4.7	21
143	Distinct intrinsic and synaptic properties of pre-sympathetic and pre-parasympathetic output neurons in Barrington?s nucleus. *Journal of Neurochemistry*, **2013**, 126, 338-48	6	9
142	CK1 regulates NMDA receptor activity through protein phosphatase-1 in hypothalamic presympathetic neurons in hypertension. *FASEB Journal*, **2013**, 27, 697.18	0.9	1

141	Nerve injury increases brain-derived neurotrophic factor levels to suppress BK channel activity in primary sensory neurons. *Journal of Neurochemistry*, **2012**, 121, 944-53	6	49
140	Identification of diverse modulators of central and peripheral circadian clocks by high-throughput chemical screening. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 101-6	11.5	162
139	NKCC1 upregulation disrupts chloride homeostasis in the hypothalamus and increases neuronal activity-sympathetic drive in hypertension. *Journal of Neuroscience*, **2012**, 32, 8560-8	6.6	52
138	Up-regulation of Cav□3 subunit in primary sensory neurons increases voltage-activated Ca2+ channel activity and nociceptive input in neuropathic pain. *Journal of Biological Chemistry*, **2012**, 287, 6002-13	5.4	27
137	Casein kinase 2-mediated synaptic GluN2A up-regulation increases N-methyl-D-aspartate receptor activity and excitability of hypothalamic neurons in hypertension. *Journal of Biological Chemistry*, **2012**, 287, 17438-17446	5.4	28
136	N-methyl-D-aspartate receptor- and calpain-mediated proteolytic cleavage of K+-Cl- cotransporter-2 impairs spinal chloride homeostasis in neuropathic pain. *Journal of Biological Chemistry*, **2012**, 287, 33853-64	5.4	101
135	Chronic opioid potentiates presynaptic but impairs postsynaptic N-methyl-D-aspartic acid receptor activity in spinal cords: implications for opioid hyperalgesia and tolerance. *Journal of Biological Chemistry*, **2012**, 287, 25073-85	5.4	65
134	Switch to glutamate receptor 2-lacking AMPA receptors increases neuronal excitability in hypothalamus and sympathetic drive in hypertension. *Journal of Neuroscience*, **2012**, 32, 372-80	6.6	42
133	Cannabinoids suppress inflammatory and neuropathic pain by targeting □3 glycine receptors. *Journal of Experimental Medicine*, **2012**, 209, 1121-34	16.6	159
132	Increased Group I Metabotropic Glutamate Receptor Activity Contributes to Hyperactivity of Presympathetic Paraventricular Neurons in Hypertension. *FASEB Journal*, **2012**, 26, 706.8	0.9	
131	Upregulation of Orexin Receptor 1 Contributes to Increased Sympathetic Output in Obese Zucker Rats. *FASEB Journal*, **2012**, 26, 705.9	0.9	
130	Diabetic neuropathy enhances voltage-activated Ca2+ channel activity and its control by M4 muscarinic receptors in primary sensory neurons. *Journal of Neurochemistry*, **2011**, 119, 594-603	6	41
129	Cannabinoid CB2 receptors contribute to upregulation of □endorphin in inflamed skin tissues by electroacupuncture. *Molecular Pain*, **2011**, 7, 98	3.4	49
128	Targeting N-methyl-D-aspartate receptors for treatment of neuropathic pain. *Expert Review of Clinical Pharmacology*, **2011**, 4, 379-88	3.8	122
127	Protein kinase CK2 increases glutamatergic input in the hypothalamus and sympathetic vasomotor tone in hypertension. *Journal of Neuroscience*, **2011**, 31, 8271-9	6.6	34
126	Increased presynaptic and postsynaptic □2-adrenoceptor activity in the spinal dorsal horn in painful diabetic neuropathy. *Journal of Pharmacology and Experimental Therapeutics*, **2011**, 337, 285-92	4.7	39
125	Nitric oxide inhibits nociceptive transmission by differentially regulating glutamate and glycine release to spinal dorsal horn neurons. *Journal of Biological Chemistry*, **2011**, 286, 33190-202	5.4	29
124	Functional plasticity of group II metabotropic glutamate receptors in regulating spinal excitatory and inhibitory synaptic input in neuropathic pain. *Journal of Pharmacology and Experimental Therapeutics*, **2011**, 336, 254-64	4.7	29

123	Regulation of increased glutamatergic input to spinal dorsal horn neurons by mGluR5 in diabetic neuropathic pain. *Journal of Neurochemistry*, **2010**, 112, 162-72	6	51
122	Adenosine inhibits paraventricular pre-sympathetic neurons through ATP-dependent potassium channels. *Journal of Neurochemistry*, **2010**, 113, 530-42	6	22
121	Reduction in voltage-gated K+ channel activity in primary sensory neurons in painful diabetic neuropathy: role of brain-derived neurotrophic factor. *Journal of Neurochemistry*, **2010**, 114, 1460-75	6	90
120	Dynamic control of glutamatergic synaptic input in the spinal cord by muscarinic receptor subtypes defined using knockout mice. *Journal of Biological Chemistry*, **2010**, 285, 40427-37	5.4	11
119	Opioid-induced long-term potentiation in the spinal cord is a presynaptic event. *Journal of Neuroscience*, **2010**, 30, 4460-6	6.6	100
118	Increased group I metabotropic glutamate receptor activity in paraventricular nucleus supports elevated sympathetic vasomotor tone in hypertension. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2010**, 299, R552-61	3.2	19
117	Role of GABAB receptors in autonomic control of systemic blood pressure. *Advances in Pharmacology*, **2010**, 58, 257-86	5.7	16
116	Electroacupuncture increases CB2 receptor expression on keratinocytes and infiltrating inflammatory cells in inflamed skin tissues of rats. *Journal of Pain*, **2010**, 11, 1250-8	5.2	30
115	Sensing of blood pressure increase by transient receptor potential vanilloid 1 receptors on baroreceptors. *Journal of Pharmacology and Experimental Therapeutics*, **2009**, 331, 851-9	4.7	52
114	Aminopyridines potentiate synaptic and neuromuscular transmission by targeting the voltage-activated calcium channel beta subunit. *Journal of Biological Chemistry*, **2009**, 284, 36453-36461	5.4	87
113	The glutamatergic nature of TRPV1-expressing neurons in the spinal dorsal horn. *Journal of Neurochemistry*, **2009**, 108, 305-18	6	41
112	A functional link between T-type calcium channels and mu-opioid receptor expression in adult primary sensory neurons. *Journal of Neurochemistry*, **2009**, 109, 867-78	6	13
111	Plasticity and emerging role of BKCa channels in nociceptive control in neuropathic pain. *Journal of Neurochemistry*, **2009**, 110, 352-62	6	73
110	Role of M2, M3, and M4 muscarinic receptor subtypes in the spinal cholinergic control of nociception revealed using siRNA in rats. *Journal of Neurochemistry*, **2009**, 111, 1000-10	6	51
109	Antinociceptive effects of chronic administration of uncompetitive NMDA receptor antagonists in a rat model of diabetic neuropathic pain. *Neuropharmacology*, **2009**, 57, 121-6	5.5	63
108	Effects of activation of group III metabotropic glutamate receptors on spinal synaptic transmission in a rat model of neuropathic pain. *Neuroscience*, **2009**, 158, 875-84	3.9	49
107	Stimulation of alpha(1)-adrenoceptors reduces glutamatergic synaptic input from primary afferents through GABA(A) receptors and T-type Ca(2+) channels. *Neuroscience*, **2009**, 158, 1616-24	3.9	25
106	Signaling mechanisms mediating muscarinic enhancement of GABAergic synaptic transmission in the spinal cord. *Neuroscience*, **2009**, 158, 1577-88	3.9	18

105	Endogenous anandamide and cannabinoid receptor-2 contribute to electroacupuncture analgesia in rats. *Journal of Pain*, **2009**, 10, 732-9	5.2	57
104	TRPV1-expressing Afferents Innervate the Aorta and Contribute to Baroreflex Control of Cardiovascular Function. *FASEB Journal*, **2009**, 23, 610.5	0.9	
103	Pre- and postsynaptic plasticity underlying augmented glutamatergic inputs to hypothalamic presympathetic neurons in spontaneously hypertensive rats. *Journal of Physiology*, **2008**, 586, 1637-47	3.9	71
102	Modulation of pain transmission by G-protein-coupled receptors **2008**, 117, 141-61		128
101	Removing TRPV1-expressing primary afferent neurons potentiates the spinal analgesic effect of delta-opioid agonists on mechano-nociception. *Neuropharmacology*, **2008**, 55, 215-22	5.5	16
100	Distinct inhibition of voltage-activated Ca2+ channels by delta-opioid agonists in dorsal root ganglion neurons devoid of functional T-type Ca2+ currents. *Neuroscience*, **2008**, 153, 1256-67	3.9	17
99	Increased C-fiber nociceptive input potentiates inhibitory glycinergic transmission in the spinal dorsal horn. *Journal of Pharmacology and Experimental Therapeutics*, **2008**, 324, 1000-10	4.7	21
98	Plasticity of pre- and postsynaptic GABAB receptor function in the paraventricular nucleus in spontaneously hypertensive rats. *American Journal of Physiology - Heart and Circulatory Physiology*, **2008**, 295, H807-15	5.2	25
97	Sustained inhibition of neurotransmitter release from nontransient receptor potential vanilloid type 1-expressing primary afferents by mu-opioid receptor activation-enkephalin in the spinal cord. *Journal of Pharmacology and Experimental Therapeutics*, **2008**, 327, 375-82	4.7	18
96	Enhanced Glutamatergic Inputs to Hypothalamic Presympathetic Neurons in Spontaneously Hypertensive Rats. *FASEB Journal*, **2008**, 22, 953.3	0.9	
95	Selective inhibition of voltage-activated Ca2+ channels by mu-opioid receptor agonist in the primary sensory neurons devoid of T-type Ca2+ channels: Mechanisms of action. *FASEB Journal*, **2008**, 22, 1126.10	0.9	
94	Regulation of glutamate release from primary afferents and interneurons in the spinal cord by muscarinic receptor subtypes. *Journal of Neurophysiology*, **2007**, 97, 102-9	3.2	41
93	Increased nociceptive input rapidly modulates spinal GABAergic transmission through endogenously released glutamate. *Journal of Neurophysiology*, **2007**, 97, 871-82	3.2	35
92	Altered synaptic input and GABAB receptor function in spinal superficial dorsal horn neurons in rats with diabetic neuropathy. *Journal of Physiology*, **2007**, 579, 849-61	3.9	71
91	Role of TRPV1 and intracellular Ca2+ in excitation of cardiac sensory neurons by bradykinin. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2007**, 293, R276-83	3.2	20
90	Signaling mechanisms of angiotensin II-induced attenuation of GABAergic input to hypothalamic presympathetic neurons. *Journal of Neurophysiology*, **2007**, 97, 3279-87	3.2	39
89	Role of gamma-aminobutyric acid (GABA)A and GABAB receptors in paraventricular nucleus in control of sympathetic vasomotor tone in hypertension. *Journal of Pharmacology and Experimental Therapeutics*, **2007**, 320, 615-26	4.7	96
88	Control of glycinergic input to spinal dorsal horn neurons by distinct muscarinic receptor subtypes revealed using knockout mice. *Journal of Pharmacology and Experimental Therapeutics*, **2007**, 323, 963-71	4.7	16

87	Glutamatergic inputs in the hypothalamic paraventricular nucleus maintain sympathetic vasomotor tone in hypertension. *Hypertension*, **2007**, 49, 916-25	8.5	108
86	Benzodiazepine inhibits hypothalamic presympathetic neurons by potentiation of GABAergic synaptic input. *Neuropharmacology*, **2007**, 52, 467-75	5.5	17
85	Potentiation of spinal alpha(2)-adrenoceptor analgesia in rats deficient in TRPV1-expressing afferent neurons. *Neuropharmacology*, **2007**, 52, 1624-30	5.5	16
84	Resistance to morphine analgesic tolerance in rats with deleted transient receptor potential vanilloid type 1-expressing sensory neurons. *Neuroscience*, **2007**, 145, 676-85	3.9	29
83	Kv1.1/1.2 channels are downstream effectors of nitric oxide on synaptic GABA release to preautonomic neurons in the paraventricular nucleus. *Neuroscience*, **2007**, 149, 315-27	3.9	34
82	Blocking mu opioid receptors in the spinal cord prevents the analgesic action by subsequent systemic opioids. *Brain Research*, **2006**, 1081, 119-25	3.7	54
81	Presynaptic alpha1 adrenergic receptors differentially regulate synaptic glutamate and GABA release to hypothalamic presympathetic neurons. *Journal of Pharmacology and Experimental Therapeutics*, **2006**, 316, 733-42	4.7	35
80	Plasticity of GABAergic control of hypothalamic presympathetic neurons in hypertension. *American Journal of Physiology - Heart and Circulatory Physiology*, **2006**, 290, H1110-9	5.2	71
79	Opposing functions of spinal M2, M3, and M4 receptor subtypes in regulation of GABAergic inputs to dorsal horn neurons revealed by muscarinic receptor knockout mice. *Molecular Pharmacology*, **2006**, 69, 1048-55	4.3	23
78	Signaling mechanisms of down-regulation of voltage-activated Ca2+ channels by transient receptor potential vanilloid type 1 stimulation with olvanil in primary sensory neurons. *Neuroscience*, **2006**, 141, 407-19	3.9	35
77	Regulation of synaptic input to hypothalamic presympathetic neurons by GABA(B) receptors. *Neuroscience*, **2006**, 142, 595-606	3.9	22
76	Mu opioid receptor activation inhibits GABAergic inputs to basolateral amygdala neurons through Kv1.1/1.2 channels. *Journal of Neurophysiology*, **2006**, 95, 2032-41	3.2	42
75	Loss of TRPV1-expressing sensory neurons reduces spinal mu opioid receptors but paradoxically potentiates opioid analgesia. *Journal of Neurophysiology*, **2006**, 95, 3086-96	3.2	66
74	Dynamic regulation of glycinergic input to spinal dorsal horn neurones by muscarinic receptor subtypes in rats. *Journal of Physiology*, **2006**, 571, 403-13	3.9	36
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