Marc Landry

List of Publications by Year in Descending Order

97 papers	3,501 citations	36 h-index	56 g-index
104 ext. papers	3,954 ext. citations	5.8 avg, IF	4.77 L-index

#	Paper	IF	Citations
97	Detecting fine and elaborate movements with piezo sensors provides non-invasive access to overlooked behavioral components. *Neuropsychopharmacology*, **2021**,	8.7	1
96	Neuroinflammation as a possible link between attention-deficit/hyperactivity disorder (ADHD) and pain. *Medical Hypotheses*, **2021**, 157, 110717	3.8	1
95	Neuropathic pain modeling: Focus on synaptic and ion channel mechanisms. *Progress in Neurobiology*, **2021**, 201, 102030	10.9	3
94	Analgesic effect of central relaxin receptor activation on persistent inflammatory pain in mice: behavioral and neurochemical data. *Pain Reports*, **2021**, 6, e937	3.5	1
93	Animal models of pain: Diversity and benefits. *Journal of Neuroscience Methods*, **2021**, 348, 108997	3	15
92	Neonatal 6-OHDA Lesion Model in Mouse Induces Cognitive Dysfunctions of Attention-Deficit/Hyperactivity Disorder (ADHD) During Young Age. *Frontiers in Behavioral Neuroscience*, **2020**, 14, 27	3.5	4
91	Spinal Inhibition of GABAB Receptors by the Extracellular Matrix Protein Fibulin-2 in Neuropathic Rats. *Frontiers in Cellular Neuroscience*, **2020**, 14, 214	6.1	2
90	Acquisition of analgesic properties by the cholecystokinin (CCK)/CCK2 receptor system within the amygdala in a persistent inflammatory pain condition. *Pain*, **2019**, 160, 345-357	8	10
89	The redox-sensitive APE1 is a master cellular regulator for inflammatory pain condition. *IBRO Reports*, **2019**, 7, 52-53	2	2
88	Windup of Nociceptive Flexion Reflex Depends on Synaptic and Intrinsic Properties of Dorsal Horn Neurons in Adult Rats. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	2
87	TAFA4 Reverses Mechanical Allodynia through Activation of GABAergic Transmission and Microglial Process Retraction. *Cell Reports*, **2018**, 22, 2886-2897	10.6	23
86	Calcium signalling through L-type calcium channels: role in pathophysiology of spinal nociceptive transmission. *British Journal of Pharmacology*, **2018**, 175, 2362-2374	8.6	25
85	Oxaliplatin treatment impairs extension of sensory neuron neurites in vitro through miR-204 overexpression. *NeuroToxicology*, **2018**, 68, 91-100	4.4	7
84	Small RNA-Seq reveals novel miRNAs shaping the transcriptomic identity of rat brain structures. *Life Science Alliance*, **2018**, 1, e201800018	5.8	2
83	Inflammatory-induced spinal dorsal horn neurons hyperexcitability is mediated by P2X4 receptors. *Pain Reports*, **2018**, 3, e660	3.5	10
82	Excessive tubulin polyglutamylation causes neurodegeneration and perturbs neuronal transport. *EMBO Journal*, **2018**, 37,	13	67
81	Neonatal 6-OHDA lesion model in mouse induces Attention-Deficit/ Hyperactivity Disorder (ADHD)-like behaviour. *Scientific Reports*, **2018**, 8, 15349	4.9	22

80	Alteration of nociceptive integration in the spinal cord of a rat model of Parkinson's disease. *Movement Disorders*, **2018**, 33, 1010-1015	7	16
79	APE1/Ref-1 redox function contributes to inflammatory pain sensitization. *Experimental Neurology*, **2018**, 307, 1-11	5.7	8
78	MicroRNA and chronic pain: From mechanisms to therapeutic potential. *Pharmacology & Therapeutics*, **2017**, 180, 1-15	13.9	66
77	The relaxin-3/RXFP3 system as a peptidergic pathway to control hypothalamic neurons. *Journal of Physiology*, **2017**, 595, 3249-3250	3.9	1
76	Models of Dynamical Synapses and Cortical Development **2017**, 321-331		2
75	Group I metabotropic glutamate receptor plasticity after peripheral inflammation alters nociceptive transmission in the dorsal of the spinal cord in adult rats. *Molecular Pain*, **2017**, 13, 1744806917737934	3.4	7
74	Spinal miRNA-124 regulates synaptopodin and nociception in an animal model of bone cancer pain. *Scientific Reports*, **2017**, 7, 10949	4.9	21
73	Selenoprotein T is a novel OST subunit that regulates UPR signaling and hormone secretion. *EMBO Reports*, **2017**, 18, 1935-1946	6.5	34
72	Analysis of the in-vivo GABAB receptor relocalization and oligomerization in chronic pain conditions using spatial intensity distribution analysis. *Current Directions in Biomedical Engineering*, **2017**, 3, 669-673	0.5	
71	Correlative microscopy on tissue: Development applied to the skin and the nervous system **2016**, 1033-1034		
70	Cav1.2 and Cav1.3 L-type calcium channels independently control short- and long-term sensitization to pain. *Journal of Physiology*, **2016**, 594, 6607-6626	3.9	28
69	A secretagogin locus of the mammalian hypothalamus controls stress hormone release. *EMBO Journal*, **2015**, 34, 36-54	13	46
68	Protein kinase C gamma interneurons in the rat medullary dorsal horn: distribution and synaptic inputs to these neurons, and subcellular localization of the enzyme. *Journal of Comparative Neurology*, **2014**, 522, 393-413	3.4	22
67	miR-92a regulates expression of synaptic GluA1-containing AMPA receptors during homeostatic scaling. *Nature Neuroscience*, **2014**, 17, 1040-2	25.5	41
66	GINIP, a G□interacting protein, functions as a key modulator of peripheral GABAB receptor-mediated analgesia. *Neuron*, **2014**, 84, 123-136	13.9	33
65	MicroRNAs regulate neuronal plasticity and are involved in pain mechanisms. *Frontiers in Cellular Neuroscience*, **2014**, 8, 31	6.1	42
64	Unexpected association of the "inhibitory" neuroligin 2 with excitatory PSD95 in neuropathic pain. *Pain*, **2013**, 154, 2529-2546	8	12
63	TAFA4, a chemokine-like protein, modulates injury-induced mechanical and chemical pain hypersensitivity in mice. *Cell Reports*, **2013**, 5, 378-88	10.6	88

62	microRNAs in nociceptive circuits as predictors of future clinical applications. *Frontiers in Molecular Neuroscience*, **2013**, 6, 33	6.1	55
61	Impairment of GABAB receptor dimer by endogenous 14-3-3 in chronic pain conditions. *EMBO Journal*, **2012**, 31, 3239-51	13	43
60	Intrinsic membrane properties of spinal dorsal horn neurones modulate nociceptive information processing in vivo. *Journal of Physiology*, **2011**, 589, 2733-43	3.9	17
59	Bidirectional integrative regulation of Cav1.2 calcium channel by microRNA miR-103: role in pain. *EMBO Journal*, **2011**, 30, 3830-41	13	131
58	Neuropeptide RNA localization in tissue sections. *Methods in Molecular Biology*, **2011**, 789, 73-87	1.4	
57	Knockdown of L calcium channel subtypes: differential effects in neuropathic pain. *Journal of Neuroscience*, **2010**, 30, 1073-85	6.6	80
56	Metabotropic receptors for glutamate and GABA in pain. *Brain Research Reviews*, **2009**, 60, 43-56		142
55	Dendritic synthesis and release of the neuropeptide galanin: morphological evidence from studies on rat locus coeruleus neurons. *Journal of Comparative Neurology*, **2009**, 516, 199-212	3.4	25
54	Fibroblast growth factor-2 mRNA expression in the brainstem and spinal cord of normal and chronic spinally transected urodeles. *Journal of Neuroscience Research*, **2008**, 86, 3348-58	4.4	11
53	L-type calcium channels and NMDA receptors: a determinant duo for short-term nociceptive plasticity. *European Journal of Neuroscience*, **2007**, 25, 127-35	3.5	39
52	Dissociation and trafficking of rat GABAB receptor heterodimer upon chronic capsaicin stimulation. *European Journal of Neuroscience*, **2007**, 25, 1402-16	3.5	24
51	An intracellular motif of P2X(3) receptors is required for functional cross-talk with GABA(A) receptors in nociceptive DRG neurons. *Journal of Neurochemistry*, **2007**, 102, 1357-68	6	39
50	Long latency of evoked quantal transmitter release from somata of locus coeruleus neurons in rat pontine slices. *Proceedings of the National Academy of Sciences of the United States of America*, **2007** , 104, 1401-6	11.5	60
49	Neuropeptide tyrosine and pain. *Trends in Pharmacological Sciences*, **2007**, 28, 93-102	13.2	86
48	Galanin receptor 1 is expressed in a subpopulation of glutamatergic interneurons in the dorsal horn of the rat spinal cord. *Journal of Comparative Neurology*, **2006**, 499, 391-403	3.4	24
47	Setup of a fluorescence lifetime and spectral correlated acquisition system for two-photon microscopy. *Review of Scientific Instruments*, **2006**, 77, 123702	1.7	3
46	Platelet-associated CD154 in immune thrombocytopenic purpura. *Blood*, **2005**, 105, 215-8	2.2	85
45	Distribution and regulation of L-type calcium channels in deep dorsal horn neurons after sciatic nerve injury in rats. *European Journal of Neuroscience*, **2005**, 21, 3321-33	3.5	36

44	Galaninergic mechanisms at the spinal level: focus on histochemical phenotyping. *Neuropeptides*, **2005**, 39, 223-31	3.3	28
43	Expression patterns of nm23 genes during mouse organogenesis. *Cell and Tissue Research*, **2005**, 322, 365-78	4.2	22
42	Douleurs neuropathiques et inflammatoires: mod□les animaux et r□les fonctionnels des neuropeptides. *Douleur Et Analgesie*, **2005**, 18, 151-158	0.2	
41	Galanin, A New Candidate for Somato-Dendritic Release **2005**, 239-256		
40	Immunogold detection of co-localized neuropeptides: methodological aspects. *Journal of Histochemistry and Cytochemistry*, **2004**, 52, 617-27	3.4	2
39	Distribution of the lipolysis stimulated receptor in adult and embryonic murine tissues and lethality of LSR-/- embryos at 12.5 to 14.5 days of gestation. *FEBS Journal*, **2004**, 271, 3103-14		48
38	Expression of vesicular glutamate transporters, VGLUT1 and VGLUT2, in cholinergic spinal motoneurons. *European Journal of Neuroscience*, **2004**, 20, 1752-60	3.5	75
37	Recovery of bimodal locomotion in the spinal-transected salamander, Pleurodeles waltlii. *European Journal of Neuroscience*, **2004**, 20, 1995-2007	3.5	37
36	Differential expression of the nm23 genes in the developing human trophoblast. *Placenta*, **2004**, 25, 20-8	3.4	2
35	Expression of vesicular glutamate transporters in rat lumbar spinal cord, with a note on dorsal root ganglia. *Journal of Comparative Neurology*, **2004**, 468, 380-94	3.4	124
34	Galanin in pituitary adenomas. *Regulatory Peptides*, **2004**, 117, 127-39		19
33	Nm23-M2/NDP kinase B induces endogenous c-myc and nm23-M1/NDP kinase A overexpression in BAF3 cells. Both NDP kinases protect the cells from oxidative stress-induced death. *Experimental Cell Research*, **2004**, 301, 293-304	4.2	33
32	Differential routing of coexisting neuropeptides in vasopressin neurons. *European Journal of Neuroscience*, **2003**, 17, 579-589	3.5	19
31	Differential routing of coexisting neuropeptides in vasopressin neurons. *European Journal of Neuroscience*, **2003**, 17, 579-89	3.5	50
30	Dynamic balance of metabotropic inputs causes dorsal horn neurons to switch functional states. *Nature Neuroscience*, **2003**, 6, 274-81	25.5	112
29	Galanin expression in adult human dorsal root ganglion neurons: initial observations. *Neuroscience*, **2003**, 117, 795-809	3.9	40
28	Differential routing of coexisting neuropeptides in vasopressin neurons. *European Journal of Neuroscience*, **2003**, 17, 579-89	3.5	19
27	Differential expression of nm23 genes in adult mouse dorsal root ganglia. *Journal of Comparative Neurology*, **2002**, 444, 306-23	3.4	22

26	Galanin and galanin receptor expression in neuroblastic tumours: correlation with their differentiation status. *British Journal of Cancer*, **2002**, 86, 117-22	8.7	28
25	Characterization of the nm23-M2, nm23-M3 and nm23-M4 mouse genes: comparison with their human orthologs. *Gene*, **2002**, 296, 87-97	3.8	20
24	Immunocytochemistry and In Situ Hybridization: Their Combinations for Cytofunctional Approaches of Central and Peripheral Neurons **2002**, 119-143		
23	Reversion of hepatobiliary alterations By bone marrow transplantation in a murine model of erythropoietic protoporphyria. *Hepatology*, **2000**, 32, 73-81	11.2	40
22	Effect of axotomy on expression of NPY, galanin, and NPY Y1 and Y2 receptors in dorsal root ganglia and the superior cervical ganglion studied with double-labeling in situ hybridization and immunohistochemistry. *Experimental Neurology*, **2000**, 162, 361-84	5.7	96
21	Effects of centrally administered galanin (1-16) on galanin expression in the rat hypothalamus. *Peptides*, **2000**, 21, 1725-33	3.8	23
20	Effect of NGF, BDNF, bFGF, aFGF and cell density on NPY expression in cultured rat dorsal root ganglion neurones. *Journal of the Autonomic Nervous System*, **2000**, 81, 128-38		15
19	Galanin and NPY, two peptides with multiple putative roles in the nervous system. *Hormone and Metabolic Research*, **1999**, 31, 330-4	3.1	63
18	Leukemia inhibitory factor regulates galanin/galanin message-associated peptide expression in cultured mouse dorsal root ganglia; with a note on in situ hybridization methodology. *Neuroscience*, **1999**, 89, 1123-34	3.9	15
17	Organization and expression of mouse nm23-M1 gene. Comparison with nm23-M2 expression. *Gene* , **1999**, 236, 221-30	3.8	15
16	Cloning of a second nm23-M1 cDNA: expression in the central nervous system of adult mouse and comparison with nm23-M2 mRNA distribution. *Molecular Brain Research*, **1999**, 63, 351-65		19
15	Galanin-R1 receptor mRNA expression in the hypothalamus of the Brattelboro rat. *NeuroReport*, **1999**, 10, 2823-7	1.7	7
14	Regulation of expression of galanin and galanin receptors in dorsal root ganglia and spinal cord after axotomy and inflammation. *Annals of the New York Academy of Sciences*, **1998**, 863, 402-13	6.5	83
13	Galanin-R1 receptor in anterior and mid-hypothalamus: Distribution and regulation. *Journal of Comparative Neurology*, **1998**, 399, 321-340	3.4	55
12	Neuropeptide Y: some viewpoints on a multifaceted peptide in the normal and diseased nervous system. *Brain Research Reviews*, **1998**, 26, 154-66		97
11	Subcellular localization of preprogalanin messenger RNA in perikarya and axons of hypothalamo-posthypophyseal magnocellular neurons: an in situ hybridization study. *Neuroscience*, **1998**, 84, 897-912	3.9	48
10	Galanin-R1 receptor in anterior and mid-hypothalamus: Distribution and regulation **1998**, 399, 321		5
9	Subtypes Y1 and Y2 of the neuropeptide Y receptor are respectively expressed in pro-opiomelanocortin- and neuropeptide-Y-containing neurons of the rat hypothalamic arcuate nucleus. *Neuroendocrinology*, **1997**, 66, 393-408	5.6	265

8	Expression and regulation of the neuropeptide Y Y2 receptor in sensory and autonomic ganglia. *Proceedings of the National Academy of Sciences of the United States of America*, **1997**, 94, 729-34	11.5	106
7	Developmental expression of nitric oxide synthase in the rat diencephalon with special reference to the thalamic paratenial nucleus. *International Journal of Developmental Neuroscience*, **1997**, 15, 931-8	2.7	7
6	The effect of NGF, BDNF and bFGF on expression of galanin in cultured rat dorsal root ganglia. *Brain Research*, **1997**, 754, 131-41	3.7	42
5	Expression of galanin in hypothalamic magnocellular neurones of lactating rats: co-existence with vasopressin and oxytocin. *Journal of Endocrinology*, **1997**, 155, 467-81	4.7	45
4	Evidence for galanin receptors in primary sensory neurones and effect of axotomy and inflammation. *NeuroReport*, **1996**, 8, 237-42	1.7	91
3	Short-term effects of centrally administered galanin on the hyperosmotically stimulated expression of vasopressin in the rat hypothalamus. An in situ hybridization and immunohistochemistry study. *Neuroendocrinology*, **1995**, 61, 393-404	5.6	41
2	Evidence for a colocalization of oxytocin mRNA and galanin in magnocellular hypothalamic neurons: a study combining in situ hybridization and immunohistochemistry. *Molecular Brain Research*, **1991**, 10, 91-5		26
1	Hypothalamic galanin-immunoreactive neurons projecting to the posterior lobe of the rat pituitary: a combined retrograde tracing and immunohistochemical study. *Journal of Comparative Neurology*, **1990**, 299, 405-20	3.4	31