

Loren J Martin

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

4,567
citations

201674

27
h-index

197818

49
g-index

54
all docs

54
docs citations

54
times ranked

6387
citing authors

#	ARTICLE	IF	CITATIONS
1	Altered nociceptive behavior and emotional contagion of pain in mouse models of autism. <i>Genes, Brain and Behavior</i> , 2022, 21, e12778.	2.2	7
2	Prelimbic cortex glucocorticoid receptors regulate the stress-mediated inhibition of pain contagion in male mice. <i>Neuropsychopharmacology</i> , 2021, 46, 1183-1193.	5.4	8
3	Bridging the Translational Divide in Pain Research: Biological, Psychological and Social Considerations. <i>Frontiers in Pharmacology</i> , 2021, 12, 603186.	3.5	11
4	Can Male Mice Develop Preference Towards Gentle Stroking by an Experimenter?. <i>Neuroscience</i> , 2021, 464, 26-32.	2.3	6
5	Characterizing Sex Differences in Depressive-Like Behavior and Glial Brain Cell Changes Following Peripheral Nerve Injury in Mice. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 758251.	2.0	9
6	Cage-lid hanging behavior as a translationally relevant measure of pain in mice. <i>Pain</i> , 2021, 162, 1416-1425.	4.2	35
7	Sex-specific effects of the histone variant H2A.Z on fear memory, stress-enhanced fear learning and hypersensitivity to pain. <i>Scientific Reports</i> , 2020, 10, 14331.	3.3	22
8	Naked mole-rats lack cold sensitivity before and after nerve injury. <i>Molecular Pain</i> , 2020, 16, 174480692095510.	2.1	7
9	D1 receptors in the anterior cingulate cortex modulate basal mechanical sensitivity threshold and glutamatergic synaptic transmission. <i>Molecular Brain</i> , 2020, 13, 121.	2.6	13
10	The dichotomous role of epiregulin in pain. <i>Pain</i> , 2020, 161, 1052-1064.	4.2	17
11	Toward a phenomic analysis of chronic postsurgical pain following cardiac surgery. <i>Canadian Journal of Pain</i> , 2019, 3, 58-69.	1.7	6
12	Evaluating analgesic efficacy and administration route following craniotomy in mice using the grimace scale. <i>Scientific Reports</i> , 2019, 9, 359.	3.3	34
13	The role of hedonics in the Human Affectome. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 102, 221-241.	6.1	38
14	Conditioned pain modulation in rodents can feature hyperalgesia or hypoalgesia depending on test stimulus intensity. <i>Pain</i> , 2019, 160, 784-792.	4.2	10
15	Genetic pathway analysis reveals a major role for extracellular matrix organization in inflammatory and neuropathic pain. <i>Pain</i> , 2019, 160, 932-944.	4.2	53
16	Male-Specific Conditioned Pain Hypersensitivity in Mice and Humans. <i>Current Biology</i> , 2019, 29, 192-201.e4.	3.9	53
17	Revealing brain mechanisms of mTOR-mediated translational regulation: Implications for chronic pain. <i>Neurobiology of Pain (Cambridge, Mass)</i> , 2018, 4, 27-34.	2.5	14
18	Behavioral and mechanistic insight into rodent empathy. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 91, 130-137.	6.1	76

#	ARTICLE	IF	CITATIONS
19	Bridging the Gap Between People and Animals: The Roots of Social Behavior and Its Relationship to Pain. , 2018, , 197-217.		3
20	Lost in Translation: Improving Our Understanding of Pain Empathy. , 2018, , 123-135.		2
21	Social propinquity in rodents as measured by tube cooccupancy differs between inbred and outbred genotypes. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 5515-5520.	7.1	15
22	Epiregulin and EGFR interactions are involved in pain processing. Journal of Clinical Investigation, 2017, 127, 3353-3366.	8.2	85
23	The Use of DREADDs to Deconstruct Behavior. Frontiers in Genetics, 2016, 7, 70.	2.3	95
24	eIF2 \pm phosphorylation controls thermal nociception. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 11949-11954.	7.1	37
25	Quantifying Social Motivation in Mice Using Operant Conditioning. Journal of Visualized Experiments, 2015, , e53009.	0.3	18
26	Molecular genetic mechanisms of allelic specific regulation of murine Comt expression. Pain, 2015, 156, 1965-1977.	4.2	8
27	Differences in the Antinociceptive Effects and Binding Properties of Propranolol and Bupranolol Enantiomers. Journal of Pain, 2015, 16, 1321-1333.	1.4	27
28	Reducing Social Stress Elicits Emotional Contagion of Pain in Mouse and Human Strangers. Current Biology, 2015, 25, 326-332.	3.9	189
29	Different immune cells mediate mechanical pain hypersensitivity in male and female mice. Nature Neuroscience, 2015, 18, 1081-1083.	14.8	1,041
30	The nicotinic $\hat{1}\pm 6$ subunit gene determines variability in chronic pain sensitivity via cross-inhibition of P2X2/3 receptors. Science Translational Medicine, 2015, 7, 287ra72.	12.4	59
31	Translational control of nociception via 4E-binding protein 1. ELife, 2015, 4, .	6.0	34
32	Olfactory exposure to males, including men, causes stress and related analgesia in rodents. Nature Methods, 2014, 11, 629-632.	19.0	699
33	The Interaction Between Pain and Social Behavior in Humans and Rodents. Current Topics in Behavioral Neurosciences, 2014, 20, 233-250.	1.7	52
34	Acutely increasing $\hat{1}$ GABAA receptor activity impairs memory and inhibits synaptic plasticity in the hippocampus. Frontiers in Neural Circuits, 2013, 7, 146.	2.8	43
35	The sedative but not the memory-blocking properties of ethanol are modulated by $\hat{1}\pm 5$ -subunit-containing $\hat{1}\pm 3$ -aminobutyric acid type A receptors. Behavioural Brain Research, 2011, 217, 379-385.	2.2	10
36	The Rat Grimace Scale: A Partially Automated Method for Quantifying Pain in the Laboratory Rat via Facial Expressions. Molecular Pain, 2011, 7, 1744-8069-7-55.	2.1	521

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37	$\hat{1}\pm 5$ GABA _A Receptor Activity Sets the Threshold for Long-Term Potentiation and Constrains Hippocampus-Dependent Memory. <i>Journal of Neuroscience</i> , 2010, 30, 5269-5282.	3.6	156
38	$\hat{1}\pm 5$ Subunit-containing GABAA receptors mediate a slowly decaying inhibitory synaptic current in CA1 pyramidal neurons following Schaffer collateral activation. <i>Neuropharmacology</i> , 2010, 58, 668-675.	4.1	44
39	Short-term Memory Impairment after Isoflurane in Mice Is Prevented by the $\hat{1}\pm 5$ $\hat{1}^3$ -Aminobutyric Acid Type A Receptor Inverse Agonist L-655,708. <i>Anesthesiology</i> , 2010, 113, 1061-1071.	2.5	99
40	The physiological properties and therapeutic potential of $\hat{1}\pm 5$ -GABAA receptors. <i>Biochemical Society Transactions</i> , 2009, 37, 1334-1337.	3.4	32
41	Suppression of hippocampal TRPM7 protein prevents delayed neuronal death in brain ischemia. <i>Nature Neuroscience</i> , 2009, 12, 1300-1307.	14.8	259
42	Etomidate Targets $\hat{1}\pm 5$ $\hat{1}^3$ -Aminobutyric Acid Subtype A Receptors to Regulate Synaptic Plasticity and Memory Blockade. <i>Anesthesiology</i> , 2009, 111, 1025-1035.	2.5	83
43	$\hat{1}\pm 5$ GABA _A Receptors Regulate the Intrinsic Excitability of Mouse Hippocampal Pyramidal Neurons. <i>Journal of Neurophysiology</i> , 2007, 98, 2244-2254.	1.8	109
44	$\hat{A}5$ GABAA Receptors Mediate the Amnestic But Not Sedative-Hypnotic Effects of the General Anesthetic Etomidate. <i>Journal of Neuroscience</i> , 2006, 26, 3713-3720.	3.6	219
45	Modulation of NMDA Receptors by Pituitary Adenylate Cyclase Activating Peptide in CA1 Neurons Requires G $\hat{A}q$, Protein Kinase C, and Activation of Src. <i>Journal of Neuroscience</i> , 2005, 25, 11374-11384.	3.6	103
46	$\hat{1}\pm 2$ -Adrenergic inhibition prevents the accompanied anticonvulsant effect of swim stress on behavioral convulsions induced by lithium and pilocarpine. <i>Pharmacology Biochemistry and Behavior</i> , 2004, 79, 309-316.	2.9	11
47	Thermal analgesia induced by 30-min exposure to 1 $\hat{1}^4$ T burst-firing magnetic fields is strongly enhanced in a dose-dependent manner by the $\hat{1}\pm 2$ agonist clonidine in rats. <i>Neuroscience Letters</i> , 2004, 366, 226-229.	2.1	12
48	Chronic administration of the L-type calcium channel blocker nimodipine can facilitate the acquisition of sequence learning in a radial-arm maze. <i>Behavioural Pharmacology</i> , 2004, 15, 133-139.	1.7	7
49	Spatial Heterogeneity Not Homogeneity of the Magnetic Field during Exposures to Complex Frequency-Modulated Patterns Facilitates Analgesia. <i>Perceptual and Motor Skills</i> , 2003, 96, 1005-1012.	1.3	13
50	Learning and memory in agmatine-treated rats. <i>Pharmacology Biochemistry and Behavior</i> , 2002, 72, 551-557.	2.9	50