

Sara Marinelli

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

6,768
citations

257450

24
h-index

265206

42
g-index

45
all docs

45
docs citations

45
times ranked

16536
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Denervation-activated STAT3 α IL-6 signalling in fibro-adipogenic progenitors promotes myofibres atrophy and fibrosis. <i>Nature Cell Biology</i> , 2018, 20, 917-927.	10.3	189
3	TRPV1 channels are critical brain inflammation detectors and neuropathic pain biomarkers in mice. <i>Nature Communications</i> , 2017, 8, 15292.	12.8	180
4	The Analgesic Effect on Neuropathic Pain of Retrogradely Transported botulinum Neurotoxin A Involves Schwann Cells and Astrocytes. <i>PLoS ONE</i> , 2012, 7, e47977.	2.5	132
5	The function neutralizing anti-TrkA antibody MNAC13 reduces inflammatory and neuropathic pain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 2985-2990.	7.1	115
6	Higher pain perception and lack of recovery from neuropathic pain in females: A behavioural, immunohistochemical, and proteomic investigation on sex-related differences in mice. <i>Pain</i> , 2014, 155, 388-402.	4.2	104
7	Schwann cell autophagy counteracts the onset and chronification of neuropathic pain. <i>Pain</i> , 2014, 155, 93-107.	4.2	98
8	Short- but not long-lasting treadmill running reduces allodynia and improves functional recovery after peripheral nerve injury. <i>Neuroscience</i> , 2010, 168, 273-287.	2.3	92
9	Anti-allodynic efficacy of botulinum neurotoxin A in a model of neuropathic pain. <i>Neuroscience</i> , 2007, 145, 1-4.	2.3	91
10	Taking Pain Out of NGF: A α “Painless”NGF Mutant, Linked to Hereditary Sensory Autonomic Neuropathy Type V, with Full Neurotrophic Activity. <i>PLoS ONE</i> , 2011, 6, e17321.	2.5	84
11	Botulinum neurotoxin type A counteracts neuropathic pain and facilitates functional recovery after peripheral nerve injury in animal models. <i>Neuroscience</i> , 2010, 171, 316-328.	2.3	79
12	Botulinum neurotoxins and formalin-induced pain: Central vs. peripheral effects in mice. <i>Brain Research</i> , 2006, 1082, 124-131.	2.2	71
13	The effect of botulinum neurotoxin A on sciatic nerve injury-induced neuroimmunological changes in rat dorsal root ganglia and spinal cord. <i>Neuroscience</i> , 2011, 175, 358-366.	2.3	69
14	17beta-estradiol counteracts neuropathic pain: a behavioural, immunohistochemical and proteomic investigation on sex-related differences in mice. <i>Scientific Reports</i> , 2016, 6, 18980.	3.3	64
15	ProNGFNGF imbalance triggers learning and memory deficits, neurodegeneration and spontaneous epileptic-like discharges in transgenic mice. <i>Cell Death and Differentiation</i> , 2013, 20, 1017-1030.	11.2	62
16	Intranasal α “painless”Human Nerve Growth Factors Slows Amyloid Neurodegeneration and Prevents Memory Deficits in App X PS1 Mice. <i>PLoS ONE</i> , 2012, 7, e37555.	2.5	60
17	Participation of pro- and anti-nociceptive interleukins in botulinum toxin A-induced analgesia in a rat model of neuropathic pain. <i>European Journal of Pharmacology</i> , 2016, 791, 377-388.	3.5	57
18	Pain sensitivity in mice lacking the Cav2.1 β 1 subunit of P/Q-type Ca ²⁺ channels. <i>Neuroscience</i> , 2006, 142, 823-832.	2.3	56

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19	In vitro receptor binding properties of a "painless" NGF mutein, linked to hereditary sensory autonomic neuropathy type V. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 824-829.	2.1	47
20	Botulinum toxin A increases analgesic effects of morphine, counters development of morphine tolerance and modulates glia activation and δ opioid receptor expression in neuropathic mice. <i>Brain, Behavior, and Immunity</i> , 2013, 32, 40-50.	4.1	46
21	Modeling socially anhedonic syndromes: genetic and pharmacological manipulation of opioid neurotransmission in mice. <i>Translational Psychiatry</i> , 2012, 2, e155-e155.	4.8	44
22	Effects of caloric restriction on neuropathic pain, peripheral nerve degeneration and inflammation in normometabolic and autophagy defective prediabetic Ambra1 mice. <i>PLoS ONE</i> , 2018, 13, e0208596.	2.5	28
23	D-Aspartate Modulates Nociceptive-Specific Neuron Activity and Pain Threshold in Inflammatory and Neuropathic Pain Condition in Mice. <i>BioMed Research International</i> , 2015, 2015, 1-10.	1.9	27
24	The Rac GTPase-activating bacterial protein toxin CNF1 induces analgesia up-regulating δ -opioid receptors. <i>Pain</i> , 2009, 145, 219-229.	4.2	24
25	Botulinum neurotoxin A enhances the analgesic effects on inflammatory pain and antagonizes tolerance induced by morphine in mice. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 489-499.	4.1	23
26	Targeting cancer stem cells in medulloblastoma by inhibiting AMBRA1 dual function in autophagy and STAT3 signalling. <i>Acta Neuropathologica</i> , 2021, 142, 537-564.	7.7	21
27	Activation of skeletal muscle "resident glial cells upon nerve injury. <i>JCI Insight</i> , 2021, 6, .	5.0	20
28	Sexually Dimorphic Immune and Neuroimmune Changes Following Peripheral Nerve Injury in Mice: Novel Insights for Gender Medicine. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4397.	4.1	16
29	Revealing the Therapeutic Potential of Botulinum Neurotoxin Type A in Counteracting Paralysis and Neuropathic Pain in Spinally Injured Mice. <i>Toxins</i> , 2020, 12, 491.	3.4	15
30	M2 Receptors Exert Analgesic Action on DRG Sensory Neurons by Negatively Modulating VR1 Activity. <i>Journal of Cellular Physiology</i> , 2014, 229, 783-790.	4.1	14
31	Botulinum Toxin B Affects Neuropathic Pain but Not Functional Recovery after Peripheral Nerve Injury in a Mouse Model. <i>Toxins</i> , 2018, 10, 128.	3.4	13
32	Innovative mouse model mimicking human-like features of spinal cord injury: efficacy of Docosahexaenoic acid on acute and chronic phases. <i>Scientific Reports</i> , 2019, 9, 8883.	3.3	12
33	Effects of age-related loss of P/Q-type calcium channels in a mice model of peripheral nerve injury. <i>Neurobiology of Aging</i> , 2015, 36, 352-364.	3.1	11
34	Impact of caloric restriction on peripheral nerve injury-induced neuropathic pain during ageing in mice. <i>European Journal of Pain</i> , 2020, 24, 374-382.	2.8	9
35	CXCR2 increases in ALS cortical neurons and its inhibition prevents motor neuron degeneration in vitro and improves neuromuscular function in SOD1 ^{G93A} mice. <i>Neurobiology of Disease</i> , 2021, 160, 105538.	4.4	9
36	Single Cycle Structure-Based Humanization of an Anti-Nerve Growth Factor Therapeutic Antibody. <i>PLoS ONE</i> , 2012, 7, e32212.	2.5	8

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37	Very Early Involvement of Innate Immunity in Peripheral Nerve Degeneration in SOD1-G93A Mice. <i>Frontiers in Immunology</i> , 2020, 11, 575792.	4.8	7
38	Dataset of botulinum toxin A influence on interleukins under neuropathy. <i>Data in Brief</i> , 2016, 9, 1020-1023.	1.0	2
39	Editorial: Neuroinflammation and Neuroautoimmunity in Peripheral Neuropathies: Old Players, New Roles. <i>Frontiers in Immunology</i> , 2021, 12, 801760.	4.8	0