Siro Luvisetto

List of Publications by Year in Descending Order

44 papers	1,327 citations	21 h-index	36 g-index
47 ext. papers	1,523 ext. citations	5.1 avg, IF	4.08 L-index

#	Paper	IF	Citations
44	Botulinum Toxin and Neuronal Regeneration after Traumatic Injury of Central and Peripheral Nervous System. *Toxins*, **2020**, 12,	4.9	4
43	Revealing the Therapeutic Potential of Botulinum Neurotoxin Type A in Counteracting Paralysis and Neuropathic Pain in Spinally Injured Mice. *Toxins*, **2020**, 12,	4.9	5
42	Botulinum Toxin B Affects Neuropathic Pain but Not Functional Recovery after Peripheral Nerve Injury in a Mouse Model. *Toxins*, **2018**, 10,	4.9	7
41	Lack of cyclin D3 induces skeletal muscle fiber-type shifting, increased endurance performance and hypermetabolism. *Scientific Reports*, **2018**, 8, 12792	4.9	1
40	Botulinum neurotoxin A promotes functional recovery after peripheral nerve injury by increasing regeneration of myelinated fibers. *Neuroscience*, **2017**, 359, 82-91	3.9	21
39	Dataset of botulinum toxin A influence on interleukins under neuropathy. *Data in Brief*, **2016**, 9, 1020-1023	2.1	2
38	Pathways Implicated in Tadalafil Amelioration of Duchenne Muscular Dystrophy. *Journal of Cellular Physiology*, **2016**, 231, 224-32	7	19
37	Analgesic effects of botulinum neurotoxin type A in a model of allyl isothiocyanate- and capsaicin-induced pain in mice. *Toxicon*, **2015**, 94, 23-8	2.8	17
36	Effects of age-related loss of P/Q-type calcium channels in a mice model of peripheral nerve injury. *Neurobiology of Aging*, **2015**, 36, 352-64	5.6	5
35	Altered cerebellum development and impaired motor coordination in mice lacking the Btg1 gene: Involvement of cyclin D1. *Developmental Biology*, **2015**, 408, 109-25	3.1	20
34	Botulinum Toxin Type a as a Therapeutic Agent against Headache and Related Disorders. *Toxins*, **2015**, 7, 3818-44	4.9	45
33	Novel adeno-associated viral vector delivering the utrophin gene regulator jazz counteracts dystrophic pathology in mdx mice. *Journal of Cellular Physiology*, **2014**, 229, 1283-91	7	21
32	Higher pain perception and lack of recovery from neuropathic pain in females: a behavioural, immunohistochemical, and proteomic investigation on sex-related differences in mice. *Pain*, **2014**, 155, 388-402	8	58
31	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. *Brain, Behavior, and Immunity*, **2013**, 32, 40-50	16.6	38
30	Botulinum neurotoxin A enhances the analgesic effects on inflammatory pain and antagonizes tolerance induced by morphine in mice. *Brain, Behavior, and Immunity*, **2012**, 26, 489-99	16.6	21
29	Tyr682 in the Aβ precursor protein intracellular domain regulates synaptic connectivity, cholinergic function, and cognitive performance. *Aging Cell*, **2012**, 11, 1084-93	9.9	26
28	The analgesic effect on neuropathic pain of retrogradely transported botulinum neurotoxin A involves Schwann cells and astrocytes. *PLoS ONE*, **2012**, 7, e47977	3.7	96

27	Cognitive and neural determinants of response strategy in the dual-solution plus-maze task. *Learning and Memory*, **2011**, 18, 241-4	2.8	23
26	The effect of botulinum neurotoxin A on sciatic nerve injury-induced neuroimmunological changes in rat dorsal root ganglia and spinal cord. *Neuroscience*, **2011**, 175, 358-66	3.9	54
25	Botulinum neurotoxin for pain management: insights from animal models. *Toxins*, **2010**, 2, 2890-913	4.9	50
24	The artificial gene Jazz, a transcriptional regulator of utrophin, corrects the dystrophic pathology in mdx mice. *Human Molecular Genetics*, **2010**, 19, 752-60	5.6	28
23	Short- but not long-lasting treadmill running reduces allodynia and improves functional recovery after peripheral nerve injury. *Neuroscience*, **2010**, 168, 273-87	3.9	78
22	Botulinum neurotoxin type A counteracts neuropathic pain and facilitates functional recovery after peripheral nerve injury in animal models. *Neuroscience*, **2010**, 171, 316-28	3.9	66
21	The Rac GTPase-activating bacterial protein toxin CNF1 induces analgesia up-regulating mu-opioid receptors. *Pain*, **2009**, 145, 219-29	8	22
20	Enhancement of anxiety, facilitation of avoidance behavior, and occurrence of adult-onset obesity in mice lacking mitochondrial cyclophilin D. *Neuroscience*, **2008**, 155, 585-96	3.9	44
19	Anti-allodynic efficacy of botulinum neurotoxin A in a model of neuropathic pain. *Neuroscience*, **2007**, 145, 1-4	3.9	80
18	Botulinum neurotoxins and formalin-induced pain: central vs. peripheral effects in mice. *Brain Research*, **2006**, 1082, 124-31	3.7	61
17	Pain sensitivity in mice lacking the Ca(v)2.1alpha1 subunit of P/Q-type Ca2+ channels. *Neuroscience*, **2006**, 142, 823-32	3.9	51
16	Modal gating of human CaV2.1 (P/Q-type) calcium channels: I. The slow and the fast gating modes and their modulation by beta subunits. *Journal of General Physiology*, **2004**, 124, 445-61	3.4	36
15	Modal gating of human CaV2.1 (P/Q-type) calcium channels: II. the b mode and reversible uncoupling of inactivation. *Journal of General Physiology*, **2004**, 124, 463-74	3.4	8
14	Toxicity of botulinum neurotoxins in central nervous system of mice. *Toxicon*, **2003**, 41, 475-81	2.8	33
13	Familial hemiplegic migraine mutations increase Ca(2+) influx through single human CaV2.1 channels and decrease maximal CaV2.1 current density in neurons. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 13284-9	11.5	209
12	Anomalous L-type calcium channels of rat spinal motoneurons. *Journal of General Physiology*, **1999**, 113, 679-94	3.4	13
11	Hyperthyroidism and mitochondrial uncoupling. *Bioscience Reports*, **1997**, 17, 17-21	4.1	9
10	The nature of uncoupling by n-hexane, 1-hexanethiol and 1-hexanol in rat liver mitochondria. *Biochimica Et Biophysica Acta - Bioenergetics*, **1996**, 1274, 39-47	4.6	7

9	Nature of respiratory stimulation in hyperthyroidism: the redox behaviour of cytochrome c. *FEBS Letters*, **1995**, 375, 206-10	3.8	9
8	The Respiratory Stimulation of Hyperthyroid Mitochondria. *Progress in Cell Research*, **1995**, 5, 13-17		
7	The effect of the protonmotive force on the redox state of mitochondrial cytochromes. *Biochimica Et Biophysica Acta - Bioenergetics*, **1994**, 1187, 140-4	4.6	2
6	The effect of respiration on the permeability of the mitochondrial membrane to ions. *Biochimica Et Biophysica Acta - Bioenergetics*, **1994**, 1186, 12-8	4.6	2
5	Tracking of proton flow during transition from anaerobiosis to steady state. 2. Effect of cation uptake on the response of a hydrophobic membrane bound pH indicator. *FEBS Journal*, **1991**, 202, 121-30		3
4	Activation of respiration and loss of thermodynamic control in hyperthyroidism. Is it due to increased slipping in mitochondrial proton pumps?. *FEBS Letters*, **1991**, 291, 17-20	3.8	10
3	On the nature of the uncoupling effect of fatty acids. *Journal of Bioenergetics and Biomembranes*, **1990**, 22, 635-43	3.7	13
2	Tracking of proton flow during transition from anaerobiosis to steady state in rat liver mitochondria. *Biochimica Et Biophysica Acta - Bioenergetics*, **1990**, 1018, 77-90	4.6	7
1	Molecular events in coupling and uncoupling of oxidative phosphorylation. *Annals of the New York Academy of Sciences*, **1988**, 550, 277-88	6.5	1