

Siro Luvisetto

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Familial hemiplegic migraine mutations increase Ca(2+) influx through single human CaV2.1 channels and decrease maximal CaV2.1 current density in neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 13284-9	11.5	209
43	The analgesic effect on neuropathic pain of retrogradely transported botulinum neurotoxin A involves Schwann cells and astrocytes. <i>PLoS ONE</i> , 2012 , 7, e47977	3.7	96
42	Anti-allodynic efficacy of botulinum neurotoxin A in a model of neuropathic pain. <i>Neuroscience</i> , 2007 , 145, 1-4	3.9	80
41	Short- but not long-lasting treadmill running reduces allodynia and improves functional recovery after peripheral nerve injury. <i>Neuroscience</i> , 2010 , 168, 273-87	3.9	78
40	Botulinum neurotoxin type A counteracts neuropathic pain and facilitates functional recovery after peripheral nerve injury in animal models. <i>Neuroscience</i> , 2010 , 171, 316-28	3.9	66
39	Botulinum neurotoxins and formalin-induced pain: central vs. peripheral effects in mice. <i>Brain Research</i> , 2006 , 1082, 124-31	3.7	61
38	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	8	58
37	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, 358-66	3.9	54
36	Pain sensitivity in mice lacking the Ca(v)2.1alpha1 subunit of P/Q-type Ca2+ channels. <i>Neuroscience</i> , 2006 , 142, 823-32	3.9	51
35	Botulinum neurotoxin for pain management: insights from animal models. <i>Toxins</i> , 2010 , 2, 2890-913	4.9	50
34	Botulinum Toxin Type a as a Therapeutic Agent against Headache and Related Disorders. <i>Toxins</i> , 2015 , 7, 3818-44	4.9	45
33	Enhancement of anxiety, facilitation of avoidance behavior, and occurrence of adult-onset obesity in mice lacking mitochondrial cyclophilin D. <i>Neuroscience</i> , 2008 , 155, 585-96	3.9	44
32	Botulinum toxin A increases analgesic effects of morphine, counters development of morphine tolerance and modulates glia activation and μ opioid receptor expression in neuropathic mice. <i>Brain, Behavior, and Immunity</i> , 2013 , 32, 40-50	16.6	38
31	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. <i>Journal of General Physiology</i> , 2004 , 124, 445-61	3.4	36
30	Toxicity of botulinum neurotoxins in central nervous system of mice. <i>Toxicon</i> , 2003 , 41, 475-81	2.8	33
29	The artificial gene Jazz, a transcriptional regulator of utrophin, corrects the dystrophic pathology in mdx mice. <i>Human Molecular Genetics</i> , 2010 , 19, 752-60	5.6	28
28	Tyr682 in the A β precursor protein intracellular domain regulates synaptic connectivity, cholinergic function, and cognitive performance. <i>Aging Cell</i> , 2012 , 11, 1084-93	9.9	26

27	Cognitive and neural determinants of response strategy in the dual-solution plus-maze task. <i>Learning and Memory</i> , 2011 , 18, 241-4	2.8	23
26	The Rac GTPase-activating bacterial protein toxin CNF1 induces analgesia up-regulating mu-opioid receptors. <i>Pain</i> , 2009 , 145, 219-29	8	22
25	Botulinum neurotoxin A promotes functional recovery after peripheral nerve injury by increasing regeneration of myelinated fibers. <i>Neuroscience</i> , 2017 , 359, 82-91	3.9	21
24	Novel adeno-associated viral vector delivering the utrophin gene regulator jazz counteracts dystrophic pathology in mdx mice. <i>Journal of Cellular Physiology</i> , 2014 , 229, 1283-91	7	21
23	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, 489-99	16.6	21
22	Altered cerebellum development and impaired motor coordination in mice lacking the Btg1 gene: Involvement of cyclin D1. <i>Developmental Biology</i> , 2015 , 408, 109-25	3.1	20
21	Pathways Implicated in Tadalafil Amelioration of Duchenne Muscular Dystrophy. <i>Journal of Cellular Physiology</i> , 2016 , 231, 224-32	7	19
20	Analgesic effects of botulinum neurotoxin type A in a model of allyl isothiocyanate- and capsaicin-induced pain in mice. <i>Toxicon</i> , 2015 , 94, 23-8	2.8	17
19	Anomalous L-type calcium channels of rat spinal motoneurons. <i>Journal of General Physiology</i> , 1999 , 113, 679-94	3.4	13
18	On the nature of the uncoupling effect of fatty acids. <i>Journal of Bioenergetics and Biomembranes</i> , 1990 , 22, 635-43	3.7	13
17	Activation of respiration and loss of thermodynamic control in hyperthyroidism. Is it due to increased slipping in mitochondrial proton pumps?. <i>FEBS Letters</i> , 1991 , 291, 17-20	3.8	10
16	Hyperthyroidism and mitochondrial uncoupling. <i>Bioscience Reports</i> , 1997 , 17, 17-21	4.1	9
15	Nature of respiratory stimulation in hyperthyroidism: the redox behaviour of cytochrome c. <i>FEBS Letters</i> , 1995 , 375, 206-10	3.8	9
14	Modal gating of human CaV2.1 (P/Q-type) calcium channels: II. the b mode and reversible uncoupling of inactivation. <i>Journal of General Physiology</i> , 2004 , 124, 463-74	3.4	8
13	Botulinum Toxin B Affects Neuropathic Pain but Not Functional Recovery after Peripheral Nerve Injury in a Mouse Model. <i>Toxins</i> , 2018 , 10,	4.9	7
12	The nature of uncoupling by n-hexane, 1-hexanethiol and 1-hexanol in rat liver mitochondria. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1996 , 1274, 39-47	4.6	7
11	Tracking of proton flow during transition from anaerobiosis to steady state in rat liver mitochondria. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1990 , 1018, 77-90	4.6	7
10	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, 352-64	5.6	5

9	Revealing the Therapeutic Potential of Botulinum Neurotoxin Type A in Counteracting Paralysis and Neuropathic Pain in Spinally Injured Mice. <i>Toxins</i> , 2020 , 12,	4.9	5
8	Botulinum Toxin and Neuronal Regeneration after Traumatic Injury of Central and Peripheral Nervous System. <i>Toxins</i> , 2020 , 12,	4.9	4
7	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. <i>FEBS Journal</i> , 1991 , 202, 121-30		3
6	The effect of the protonmotive force on the redox state of mitochondrial cytochromes. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1994 , 1187, 140-4	4.6	2
5	The effect of respiration on the permeability of the mitochondrial membrane to ions. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1994 , 1186, 12-8	4.6	2
4	Dataset of botulinum toxin A influence on interleukins under neuropathy. <i>Data in Brief</i> , 2016 , 9, 1020-1023		2
3	Lack of cyclin D3 induces skeletal muscle fiber-type shifting, increased endurance performance and hypermetabolism. <i>Scientific Reports</i> , 2018 , 8, 12792	4.9	1
2	Molecular events in coupling and uncoupling of oxidative phosphorylation. <i>Annals of the New York Academy of Sciences</i> , 1988 , 550, 277-88	6.5	1
1	The Respiratory Stimulation of Hyperthyroid Mitochondria. <i>Progress in Cell Research</i> , 1995 , 5, 13-17		