

# Boris Lamotte d'Incamps

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

669  
citations

759233

12  
h-index

996975

15  
g-index

18  
all docs

18  
docs citations

18  
times ranked

820  
citing authors

#	ARTICLE	IF	CITATIONS
1	Early intrinsic hyperexcitability does not contribute to motoneuron degeneration in amyotrophic lateral sclerosis. <i>ELife</i> , 2014, 3, .	6.0	136
2	Early electrophysiological abnormalities in lumbar motoneurons in a transgenic mouse model of amyotrophic lateral sclerosis. <i>European Journal of Neuroscience</i> , 2007, 25, 451-459.	2.6	117
3	Force encoding in muscle spindles during stretch of passive muscle. <i>PLoS Computational Biology</i> , 2017, 13, e1005767.	3.2	104
4	Four Excitatory Postsynaptic Ionotropic Receptors Coactivated at the Motoneuron-Renshaw Cell Synapse. <i>Journal of Neuroscience</i> , 2008, 28, 14121-14131.	3.6	57
5	Early abnormalities in transgenic mouse models of amyotrophic lateral sclerosis. <i>Journal of Physiology (Paris)</i> , 2006, 99, 211-220.	2.1	48
6	Mechanisms Shaping the Slow Nicotinic Synaptic Current at the Motoneuron-Renshaw Cell Synapse. <i>Journal of Neuroscience</i> , 2012, 32, 8413-8423.	3.6	34
7	Segregation of glutamatergic and cholinergic transmission at the mixed motoneuron Renshaw cell synapse. <i>Scientific Reports</i> , 2017, 7, 4037.	3.3	31
8	Near-Complete adaptation of the PRiMA knockout to the lack of central acetylcholinesterase. <i>Journal of Neurochemistry</i> , 2012, 122, 1065-1080.	3.9	29
9	Firing properties of Renshaw cells defined by <i>Chrna2</i> are modulated by hyperpolarizing and small conductance ion currents $I_h$ and $I_{SK}$ . <i>European Journal of Neuroscience</i> , 2015, 41, 889-900.	2.6	29
10	Reduction of presynaptic action potentials by PAD: model and experimental study. <i>Journal of Computational Neuroscience</i> , 1998, 5, 141-156.	1.0	23
11	High affinity and low affinity heteromeric nicotinic acetylcholine receptors at central synapses. <i>Journal of Physiology</i> , 2014, 592, 4131-4136.	2.9	17
12	Potassium currents dynamically set the recruitment and firing properties of F-type motoneurons in neonatal mice. <i>Journal of Neurophysiology</i> , 2015, 114, 1963-1973.	1.8	14
13	Subunit composition and kinetics of the Renshaw cell heteromeric nicotinic receptors. <i>Biochemical Pharmacology</i> , 2013, 86, 1114-1121.	4.4	11
14	Stoichiometry of the Heteromeric Nicotinic Receptors of the Renshaw Cell. <i>Journal of Neuroscience</i> , 2018, 38, 4943-4956.	3.6	11
15	Flexible processing of sensory information induced by axo-axonic synapses on afferent fibers. <i>Journal of Physiology (Paris)</i> , 1999, 93, 369-377.	2.1	7
16	Nicotinic Receptors in the Spinal Cord. , 2014, , 185-200.		1
17	The Preparation of Oblique Spinal Cord Slices for Ventral Root Stimulation. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	0