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List of Publications by Year in descending order

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papers

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28
all docs

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docs citations

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489
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypoxia-induced phrenic long-term facilitation: emergent properties. <i>Annals of the New York Academy of Sciences</i> , 2013, 1279, 143-153.	3.8	117
2	Severe acute intermittent hypoxia elicits phrenic long-term facilitation by a novel adenosine-dependent mechanism. <i>Journal of Applied Physiology</i> , 2012, 112, 1678-1688.	2.5	99
3	Intermittent Hypoxia and Stem Cell Implants Preserve Breathing Capacity in a Rodent Model of Amyotrophic Lateral Sclerosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 535-542.	5.6	89
4	Ventilatory control in ALS. <i>Respiratory Physiology and Neurobiology</i> , 2013, 189, 429-437.	1.6	50
5	Sustained Hypoxia Elicits Competing Spinal Mechanisms of Phrenic Motor Facilitation. <i>Journal of Neuroscience</i> , 2016, 36, 7877-7885.	3.6	36
6	Acute intermittent hypoxia induced phrenic long-term facilitation despite increased SOD1 expression in a rat model of ALS. <i>Experimental Neurology</i> , 2015, 273, 138-150.	4.1	34
7	Adenosine-dependent phrenic motor facilitation is inflammation resistant. <i>Journal of Neurophysiology</i> , 2017, 117, 836-845.	1.8	30
8	Respiratory function after selective respiratory motor neuron death from intrapleural CTB-saporin injections. <i>Experimental Neurology</i> , 2015, 267, 18-29.	4.1	25
9	Systemic inflammation inhibits serotonin receptor 2-induced phrenic motor facilitation upstream from BDNF/TrkB signaling. <i>Journal of Neurophysiology</i> , 2018, 119, 2176-2185.	1.8	22
10	Mechanisms of Enhanced Phrenic Long-Term Facilitation in <i>SOD1^{G93A}</i> Rats. <i>Journal of Neuroscience</i> , 2017, 37, 5834-5845.	3.6	21
11	Spinal Atypical Protein Kinase C Activity Is Necessary to Stabilize Inactivity-Induced Phrenic Motor Facilitation. <i>Journal of Neuroscience</i> , 2012, 32, 16510-16520.	3.6	20
12	Compensatory plasticity in diaphragm and intercostal muscle utilization in a rat model of ALS. <i>Experimental Neurology</i> , 2018, 299, 148-156.	4.1	19
13	Hypoglossal Motor Neuron Death Via Intralingual CTB-saporin (CTB-SAP) Injections Mimic Aspects of Amyotrophic Lateral Sclerosis (ALS) Related to Dysphagia. <i>Neuroscience</i> , 2018, 390, 303-316.	2.3	16
14	Optimizing the Translational Value of Mouse Models of ALS for Dysphagia Therapeutic Discovery. <i>Dysphagia</i> , 2020, 35, 343-359.	1.8	16
15	Peripheral-to-central immune communication at the area postrema glial-barrier following bleomycin-induced sterile lung injury in adult rats. <i>Brain, Behavior, and Immunity</i> , 2020, 87, 610-633.	4.1	14
16	Quantitative assessment of integrated phrenic nerve activity. <i>Respiratory Physiology and Neurobiology</i> , 2016, 226, 81-86.	1.6	13
17	Mechanisms of severe acute intermittent hypoxia-induced phrenic long-term facilitation. <i>Journal of Neurophysiology</i> , 2021, 125, 1146-1156.	1.8	13
18	Phrenic long-term facilitation following intrapleural CTB-SAP-induced respiratory motor neuron death. <i>Respiratory Physiology and Neurobiology</i> , 2018, 256, 43-49.	1.6	10

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19	5-HT2A/B receptor expression in the phrenic motor nucleus in a rat model of ALS (SOD1G93A). <i>Respiratory Physiology and Neurobiology</i> , 2020, 279, 103471.	1.6	6
20	Phrenic motor neuron survival below cervical spinal cord hemisection. <i>Experimental Neurology</i> , 2021, 346, 113832.	4.1	6
21	Differential mechanisms are required for phrenic long-term facilitation over the course of motor neuron loss following CTB-SAP intrapleural injections. <i>Experimental Neurology</i> , 2020, 334, 113460.	4.1	4
22	Tongue and hypoglossal morphology after intralingual cholera toxin B α saporin injection. <i>Muscle and Nerve</i> , 2021, 63, 413-420.	2.2	4
23	Divergent receptor utilization is necessary for phrenic long-term facilitation over the course of motor neuron loss following CTB-SAP intrapleural injections. <i>Journal of Neurophysiology</i> , 2021, 126, 709-722.	1.8	4
24	Nonsteroidal anti-inflammatory drug (ketoprofen) delivery differentially impacts phrenic long-term facilitation in rats with motor neuron death induced by intrapleural CTB-SAP injections. <i>Experimental Neurology</i> , 2022, 347, 113892.	4.1	3
25	A Strength Endurance Exercise Paradigm Mitigates Deficits in Hypoglossal-Tongue Axis Function, Strength, and Structure in a Rodent Model of Hypoglossal Motor Neuron Degeneration. <i>Frontiers in Neuroscience</i> , 0, 16, .	2.8	3
26	Impact of Limb Phenotype on Tongue Denervation Atrophy, Dysphagia Penetrance, and Survival Time in a Mouse Model of ALS. <i>Dysphagia</i> , 2022, 37, 1777-1795.	1.8	2
27	Inflammation Differentially Impacts Phrenic Long-term Facilitation (pLTF) in Rats with Motor Neuron Death Induced by Intrapleural CTB α saporin Injections. <i>FASEB Journal</i> , 2018, 32, 625.17.	0.5	1