

Didier Morin

List of Publications by Year in descending order

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27
papers

1,086
citations

430874

18
h-index

552781

26
g-index

27
all docs

27
docs citations

27
times ranked

702
citing authors

#	ARTICLE	IF	CITATIONS
1	Autophagy Induction Contributes to the Neuroprotective Impact of Intermittent Fasting on the Acutely Injured Spinal Cord. <i>Journal of Neurotrauma</i> , 2021, 38, 373-384.	3.4	17
2	Lâ€DOPA and 5â€HTP modulation of airâ€stepping in newborn rats. <i>Journal of Physiology</i> , 2021, 599, 4455-4476.	2.9	2
3	Synergistic interaction between sensory inputs and propriospinal signalling underlying quadrupedal locomotion. <i>Journal of Physiology</i> , 2021, 599, 4477-4496.	2.9	0
4	Modulation of respiratory network activity by forelimb and hindlimb locomotor generators. <i>European Journal of Neuroscience</i> , 2020, 52, 3181-3195.	2.6	10
5	Brainstem Steering of Locomotor Activity in the Newborn Rat. <i>Journal of Neuroscience</i> , 2018, 38, 7725-7740.	3.6	31
6	Acute exposure to zinc oxide nanoparticles critically disrupts operation of the respiratory neural network in neonatal rat. <i>NeuroToxicology</i> , 2018, 67, 150-160.	3.0	13
7	Bimodal Respiratoryâ€Locomotor Neurons in the Neonatal Rat Spinal Cord. <i>Journal of Neuroscience</i> , 2016, 36, 926-937.	3.6	22
8	In vitro Brainstem-spinal Cord Preparation from Newborn Rat. <i>Bio-protocol</i> , 2016, 6, .	0.4	3
9	Remote Control of Respiratory Neural Network by Spinal Locomotor Generators. <i>PLoS ONE</i> , 2014, 9, e89670.	2.5	35
10	Spinal and Pontine Relay Pathways Mediating Respiratory Rhythm Entrainment by Limb Proprioceptive Inputs in the Neonatal Rat. <i>Journal of Neuroscience</i> , 2012, 32, 11841-11853.	3.6	36
11	Cervicolumbar Coordination in Mammalian Quadrupedal Locomotion: Role of Spinal Thoracic Circuitry and Limb Sensory Inputs. <i>Journal of Neuroscience</i> , 2012, 32, 953-965.	3.6	83
12	Intercostal and Abdominal Respiratory Motoneurons in the Neonatal Rat Spinal Cord: Spatiotemporal Organization and Responses to Limb Afferent Stimulation. <i>Journal of Neurophysiology</i> , 2008, 99, 2626-2640.	1.8	38
13	Locomotor rhythmogenesis in the isolated rat spinal cord: a phase-coupled set of symmetrical flexion-extension oscillators. <i>Journal of Physiology</i> , 2007, 583, 115-128.	2.9	66
14	Comment on Point:Counterpoint "Supraspinal locomotor centers do/do not contribute significantly to the hyperpnea of dynamic exercise in humans". <i>Journal of Applied Physiology</i> , 2006, 100, 1743-1747.	2.5	6
15	Coordinated network functioning in the spinal cord: An evolutionary perspective. <i>Journal of Physiology (Paris)</i> , 2006, 100, 304-316.	2.1	64
16	Descending respiratory polysynaptic inputs to cervical and thoracic motoneurons diminish during early postnatal maturation in rat spinal cord. <i>European Journal of Neuroscience</i> , 2005, 21, 808-813.	2.6	20
17	Propriospinal Circuitry Underlying Interlimb Coordination in Mammalian Quadrupedal Locomotion. <i>Journal of Neuroscience</i> , 2005, 25, 6025-6035.	3.6	190
18	Coordinations of Locomotor and Respiratory Rhythms In Vitro Are Critically Dependent on Hindlimb Sensory Inputs. <i>Journal of Neuroscience</i> , 2002, 22, 4756-4765.	3.6	77

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19	Forelimb locomotor generators and quadrupedal locomotion in the neonatal rat. <i>European Journal of Neuroscience</i> , 2001, 14, 1727-1738.	2.6	122
20	1-Adrenergic receptor-induced slow rhythmicity in nonrespiratory cervical motoneurons of neonatal rat spinal cord. <i>European Journal of Neuroscience</i> , 2000, 12, 2950-2966.	2.6	26
21	Proprioceptive control of wrist extensor motor units in humans: dependence on handedness. <i>Somatosensory & Motor Research</i> , 1999, 16, 11-29.	0.9	20
22	Organization of Rhythmic Motor Patterns in the Lumbosacral Spinal Cord of Neonate Mouse. <i>Annals of the New York Academy of Sciences</i> , 1998, 860, 432-435.	3.8	9
23	Hemisegmental localisation of rhythmic networks in the lumbosacral spinal cord of neonate mouse. <i>Brain Research</i> , 1998, 793, 136-148.	2.2	43
24	Genesis of spontaneous rhythmic motor patterns in the lumbosacral spinal cord of neonate mouse. <i>Developmental Brain Research</i> , 1998, 108, 89-99.	1.7	52
25	Multiple Actions of 1S,3R-ACPD in Modulating Endogenous Synaptic Transmission to Spinal Respiratory Motoneurons. <i>Journal of Neuroscience</i> , 1996, 16, 4971-4982.	3.6	30
26	Compared effects of serotonin on the inspiratory activity of glossopharyngeal, vagal, hypoglossal and cervical motoneurons in neonatal rat brain stem-spinal cord preparations. <i>Neuroscience Letters</i> , 1993, 160, 61-64.	2.1	19
27	5-Hydroxytryptamine modulates central respiratory activity in the newborn rat: an in vitro study. <i>European Journal of Pharmacology</i> , 1991, 192, 89-95.	3.5	52