Didier Morin

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1770631/publications.pdf

Version: 2024-02-01

27	1,086	430874	552781
papers	citations	18 h-index	26 g-index

27	27	27	702
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Propriospinal Circuitry Underlying Interlimb Coordination in Mammalian Quadrupedal Locomotion. Journal of Neuroscience, 2005, 25, 6025-6035.	3.6	190
2	Forelimb locomotor generators and quadrupedal locomotion in the neonatal rat. European Journal of Neuroscience, 2001, 14, 1727-1738.	2.6	122
3	Cervicolumbar Coordination in Mammalian Quadrupedal Locomotion: Role of Spinal Thoracic Circuitry and Limb Sensory Inputs. Journal of Neuroscience, 2012, 32, 953-965.	3.6	83
4	Coordinations of Locomotor and Respiratory Rhythms In Vitro Are Critically Dependent on Hindlimb Sensory Inputs. Journal of Neuroscience, 2002, 22, 4756-4765.	3.6	77
5	Locomotor rhythmogenesis in the isolated rat spinal cord: a phase-coupled set of symmetrical flexion-extension oscillators. Journal of Physiology, 2007, 583, 115-128.	2.9	66
6	Coordinated network functioning in the spinal cord: An evolutionary perspective. Journal of Physiology (Paris), 2006, 100, 304-316.	2.1	64
7	5-Hydroxytryptamine modulates central respiratory activity in the newborn rat: an in vitro study. European Journal of Pharmacology, 1991, 192, 89-95.	3.5	52
8	Genesis of spontaneous rhythmic motor patterns in the lumbosacral spinal cord of neonate mouse. Developmental Brain Research, 1998, 108, 89-99.	1.7	52
9	Hemisegmental localisation of rhythmic networks in the lumbosacral spinal cord of neonate mouse. Brain Research, 1998, 793, 136-148.	2.2	43
10	Intercostal and Abdominal Respiratory Motoneurons in the Neonatal Rat Spinal Cord: Spatiotemporal Organization and Responses to Limb Afferent Stimulation. Journal of Neurophysiology, 2008, 99, 2626-2640.	1.8	38
11	Spinal and Pontine Relay Pathways Mediating Respiratory Rhythm Entrainment by Limb Proprioceptive Inputs in the Neonatal Rat. Journal of Neuroscience, 2012, 32, 11841-11853.	3.6	36
12	Remote Control of Respiratory Neural Network by Spinal Locomotor Generators. PLoS ONE, 2014, 9, e89670.	2.5	35
13	Brainstem Steering of Locomotor Activity in the Newborn Rat. Journal of Neuroscience, 2018, 38, 7725-7740.	3.6	31
14	Multiple Actions of 1S,3R-ACPD in Modulating Endogenous Synaptic Transmission to Spinal Respiratory Motoneurons. Journal of Neuroscience, 1996, 16, 4971-4982.	3.6	30
15	Î±1-Adrenergic receptor-induced slow rhythmicity in nonrespiratory cervical motoneurons of neonatal rat spinal cord. European Journal of Neuroscience, 2000, 12, 2950-2966.	2.6	26
16	Bimodal Respiratoryâ€“Locomotor Neurons in the Neonatal Rat Spinal Cord. Journal of Neuroscience, 2016, 36, 926-937.	3.6	22
17	Proprioceptive control of wrist extensor motor units in humans: dependence on handedness. Somatosensory & Motor Research, 1999, 16, 11-29.	0.9	20
18	Descending respiratory polysynaptic inputs to cervical and thoracic motoneurons diminish during early postnatal maturation in rat spinal cord. European Journal of Neuroscience, 2005, 21, 808-813.	2.6	20

#	Article	IF	Citations
19	Compared effects of serotonin on the inspiratory activity of glossopharyngeal, vagal, hypoglossal and cervical motoneurons in neonatal rat brain stem-spinal cord preparations. Neuroscience Letters, 1993, 160, 61-64.	2.1	19
20	Autophagy Induction Contributes to the Neuroprotective Impact of Intermittent Fasting on the Acutely Injured Spinal Cord. Journal of Neurotrauma, 2021, 38, 373-384.	3.4	17
21	Acute exposure to zinc oxide nanoparticles critically disrupts operation of the respiratory neural network in neonatal rat. NeuroToxicology, 2018, 67, 150-160.	3.0	13
22	Modulation of respiratory network activity by forelimb and hindlimb locomotor generators. European Journal of Neuroscience, 2020, 52, 3181-3195.	2.6	10
23	Organization of Rhythmic Motor Patterns in the Lumbosacral Spinal Cord of Neonate Mouse. Annals of the New York Academy of Sciences, 1998, 860, 432-435.	3.8	9
24	Comment on Point:Counterpoint "Supraspinal locomotor centers do/do not contribute significantly to the hyperpnea of dynamic exercise in humans". Journal of Applied Physiology, 2006, 100, 1743-1747.	2.5	6
25	In vitro Brainstem-spinal Cord Preparation from Newborn Rat. Bio-protocol, 2016, 6, .	0.4	3
26	Lâ€ÐOPA and 5â€ŀHTP modulation of airâ€ŝstepping in newborn rats. Journal of Physiology, 2021, 599, 4455-4476.	2.9	2
27	Synergistic interaction between sensory inputs and propriospinal signalling underlying quadrupedal locomotion. Journal of Physiology, 2021, 599, 4477-4496.	2.9	0