

Michelle M Rank

List of Publications by Year in descending order

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17
papers

844
citations

623734

14
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

937
citing authors

#	ARTICLE	IF	CITATIONS
1	Recovery of motoneuron and locomotor function after spinal cord injury depends on constitutive activity in 5-HT _{2C} receptors. <i>Nature Medicine</i> , 2010, 16, 694-700.	30.7	353
2	Locomotion After Spinal Cord Injury Depends on Constitutive Activity in Serotonin Receptors. <i>Journal of Neurophysiology</i> , 2010, 104, 2975-2984.	1.8	84
3	Adrenergic Receptors Modulate Motoneuron Excitability, Sensory Synaptic Transmission and Muscle Spasms After Chronic Spinal Cord Injury. <i>Journal of Neurophysiology</i> , 2011, 105, 410-422.	1.8	64
4	Polysynaptic excitatory postsynaptic potentials that trigger spasms after spinal cord injury in rats are inhibited by 5-HT _{1B} and 5-HT _{1F} receptors. <i>Journal of Neurophysiology</i> , 2011, 106, 925-943.	1.8	51
5	The impact of junk foods on the adolescent brain. <i>Birth Defects Research</i> , 2017, 109, 1649-1658.	1.5	49
6	Conditional microglial depletion in rats leads to reversible anorexia and weight loss by disrupting gustatory circuitry. <i>Brain, Behavior, and Immunity</i> , 2019, 77, 77-91.	4.1	44
7	Role of Endogenous Release of Norepinephrine in Muscle Spasms After Chronic Spinal Cord Injury. <i>Journal of Neurophysiology</i> , 2007, 97, 3166-3180.	1.8	32
8	Functional changes in deep dorsal horn interneurons following spinal cord injury are enhanced with different durations of exercise training. <i>Journal of Physiology</i> , 2015, 593, 331-345.	2.9	32
9	Exercise Training after Spinal Cord Injury Selectively Alters Synaptic Properties in Neurons in Adult Mouse Spinal Cord. <i>Journal of Neurotrauma</i> , 2013, 30, 891-896.	3.4	24
10	Evolution of thyroid hormone distributor proteins. <i>Molecular and Cellular Endocrinology</i> , 2017, 459, 43-52.	3.2	22
11	Spastic Tail Muscles Recover From Myofiber Atrophy and Myosin Heavy Chain Transformations in Chronic Spinal Rats. <i>Journal of Neurophysiology</i> , 2007, 97, 1040-1051.	1.8	21
12	Effects Of treadmill training on hindlimb muscles of spinal cord-injured mice. <i>Muscle and Nerve</i> , 2017, 55, 232-242.	2.2	18
13	Electrophysiological characterization of spontaneous recovery in deep dorsal horn interneurons after incomplete spinal cord injury. <i>Experimental Neurology</i> , 2015, 271, 468-478.	4.1	14
14	Stroke Severity, and Not Cerebral Infarct Location, Increases the Risk of Infection. <i>Translational Stroke Research</i> , 2020, 11, 387-401.	4.2	14
15	Gait recovery following spinal cord injury in mice: Limited effect of treadmill training. <i>Journal of Spinal Cord Medicine</i> , 2016, 39, 335-343.	1.4	10
16	In vivo characterization of colorectal and cutaneous inputs to lumbosacral dorsal horn neurons in the mouse spinal cord. <i>Neuroscience</i> , 2016, 316, 13-25.	2.3	8
17	Is more always better? How different doses of exercise after incomplete spinal cord injury affects the membrane properties of deep dorsal horn interneurons. <i>Experimental Neurology</i> , 2018, 300, 201-211.	4.1	4