Katinka Stecina

List of Publications by Year
in descending order

25 papers	1,003 citations	516710 16 h-index	642732 23 g-index
25 all docs	25 docs citations	25 times ranked	821 citing authors

#	Article	IF	Citations
1	Spinal and corticospinal excitability in response to reductions in skin and core temperatures via whole-body cooling. Applied Physiology, Nutrition and Metabolism, 2022, 47, 195-205.	1.9	3
2	Editorial: Propriospinal Neurons: Essential Elements in Locomotion, Autonomic Function and Plasticity After Spinal Cord Injury and Disease. Frontiers in Cellular Neuroscience, 2021, 15, 695424.	3.7	1
3	Investigations of the functional role of connexin36 in sensory and sympathetic systems in adult mice. FASEB Journal, 2021, 35, .	0.5	0
4	Effects of training with a neuro-mechano stimulator rehabilitation bicycle on functional recovery and paired-reflex depression of the soleus in individuals with incomplete paralysis: a proof-of-principle study. International Journal of Neuroscience, 2019, 129, 1066-1075.	1.6	0
5	The Subprimary Range of Firing Is Present in Both Cat and Mouse Spinal Motoneurons and Its Relationship to Force Development Is Similar for the Two Species. Journal of Neuroscience, 2018, 38, 9741-9753.	3.6	11
6	Midbrain stimulation-evoked lumbar spinal activity in the adult decerebrate mouse. Journal of Neuroscience Methods, 2017, 288, 99-105.	2.5	4
7	Serotonin controls initiation of locomotion and afferent modulation of coordination via 5â€HT₇ receptors in adult rats. Journal of Physiology, 2017, 595, 301-320.	2.9	54
8	Modulation of spontaneous locomotor and respiratory drives to hindlimb motoneurons temporally related to sympathetic drives as revealed by Mayer waves. Frontiers in Neural Circuits, 2015, 9, 1.	2.8	75
9	Information to cerebellum on spinal motor networks mediated by the dorsal spinocerebellar tract. Journal of Physiology, 2013, 591, 5433-5443.	2.9	36
10	Rhythmic activity of feline dorsal and ventral spinocerebellar tract neurons during fictive motor actions. Journal of Neurophysiology, 2013, 109, 375-388.	1.8	32
11	Reciprocal Ia inhibition contributes to motoneuronal hyperpolarisation during the inactive phase of locomotion and scratching in the cat. Journal of Physiology, 2011, 589, 119-134.	2.9	59
12	Excitatory and inhibitory intermediate zone interneurons in pathways from feline group I and II afferents: differences in axonal projections and input. Journal of Physiology, 2009, 587, 379-399.	2.9	71
13	Commissural interneurons with input from group I and II muscle afferents in feline lumbar segments: neurotransmitters, projections and target cells. Journal of Physiology, 2009, 587, 401-418.	2.9	61
14	Premotor interneurones contributing to actions of feline pyramidal tract neurones on ipsilateral hindlimb motoneurones. Journal of Physiology, 2008, 586, 557-574.	2.9	14
15	Ipsilateral actions from the feline red nucleus on hindlimb motoneurones. Journal of Physiology, 2008, 586, 5865-5884.	2.9	15
16	Uncrossed actions of feline corticospinal tract neurones on hindlimb motoneurones evoked via ipsilaterally descending pathways. Journal of Physiology, 2007, 580, 119-132.	2.9	15
17	Uncrossed actions of feline corticospinal tract neurones on lumbar interneurones evoked via ipsilaterally descending pathways. Journal of Physiology, 2007, 580, 133-147.	2.9	21
18	Differential modulation by monoamine membrane receptor agonists of reticulospinal input to laminaâ€ƒVIII feline spinal commissural interneurons. European Journal of Neuroscience, 2007, 26, 1205-1212.	2.6	21

#	Article	IF	Citations
19	Same Spinal Interneurons Mediate Reflex Actions of Group Ib and Group II Afferents and Crossed Reticulospinal Actions. Journal of Neurophysiology, 2006, 95, 3911-3922.	1.8	31
20	Neuronal relays in double crossed pathways between feline motor cortex and ipsilateral hindlimb motoneurones. Journal of Physiology, 2006, 575, 527-541.	2.9	40
21	Modelling spinal circuitry involved in locomotor pattern generation: insights from the effects of afferent stimulation. Journal of Physiology, 2006, 577, 641-658.	2.9	180
22	Stumbling Corrective Reaction During Fictive Locomotion in the Cat. Journal of Neurophysiology, 2005, 94, 2045-2052.	1.8	60
23	Parallel reflex pathways from flexor muscle afferents evoking resetting and flexion enhancement during fictive locomotion and scratch in the cat. Journal of Physiology, 2005, 569, 275-290.	2.9	55
24	Intracellular Analysis of Reflex Pathways Underlying the Stumbling Corrective Reaction During Fictive Locomotion in the Cat. Journal of Neurophysiology, 2005, 94, 2053-2062.	1.8	38
25	Control of Locomotor Cycle Durations. Journal of Neurophysiology, 2005, 94, 1057-1065.	1.8	106