

Irina A Solopova

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

547
citations

687363
13
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752698
20
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21
all docs

21
docs citations

21
times ranked

629
citing authors

#	ARTICLE	IF	CITATIONS
1	Higher Responsiveness of Pattern Generation Circuitry to Sensory Stimulation in Healthy Humans Is Associated with a Larger Hoffmann Reflex. <i>Biology</i> , 2022, 11, 707.	2.8	3
2	Maturation of the Locomotor Circuitry in Children With Cerebral Palsy. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 998.	4.1	20
3	Distinct locomotor precursors in newborn babies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9604-9612.	7.1	45
4	Synergistic influences of sensory and central stimuli on non-voluntary rhythmic arm movements. <i>Human Movement Science</i> , 2019, 64, 230-239.	1.4	0
5	Rhythmic wrist movements facilitate the soleus H-reflex and non-voluntary air-stepping in humans. <i>Neuroscience Letters</i> , 2017, 638, 39-45.	2.1	5
6	Tonic and Rhythmic Spinal Activity Underlying Locomotion. <i>Current Pharmaceutical Design</i> , 2017, 23, 1753-1763.	1.9	20
7	Human cervical spinal cord circuitry activated by tonic input can generate rhythmic arm movements. <i>Journal of Neurophysiology</i> , 2016, 115, 1018-1030.	1.8	20
8	Clinical, neurological, and neurophysiological evaluation of the efficiency of motor rehabilitation in children with cerebral palsy using robotic mechanotherapy and transcutaneous electrical stimulation of the spinal cord. <i>Pediatric Traumatology, Orthopaedics and Reconstructive Surgery</i> , 2016, 4, 47-55.	0.3	6
9	Tapping into rhythm generation circuitry in humans during simulated weightlessness conditions. <i>Frontiers in Systems Neuroscience</i> , 2015, 9, 14.	2.5	15
10	Effects of transcranial magnetic stimulation during voluntary and non-voluntary stepping movements in humans. <i>Neuroscience Letters</i> , 2014, 579, 64-69.	2.1	22
11	Lack of non-voluntary stepping responses in Parkinson's disease. <i>Neuroscience</i> , 2013, 235, 96-108.	2.3	19
12	Plasticity and Different Solutions to Reorganize Muscle Patterns during Gait. <i>Biosystems and Biorobotics</i> , 2013, , 1249-1252.	0.3	2
13	Plasticity and modular control of locomotor patterns in neurological disorders with motor deficits. <i>Frontiers in Computational Neuroscience</i> , 2013, 7, 123.	2.1	38
14	Assisted leg displacements and progressive loading by a tilt table combined with FES promote gait recovery in acute stroke. <i>NeuroRehabilitation</i> , 2011, 29, 67-77.	1.3	20
15	INTERHEMISPHERIC MOTOR CORTEX INFLUENCE DURING BIMANUAL UNLOADING. <i>Journal of Integrative Neuroscience</i> , 2009, 08, 409-416.	1.7	2
16	Tonic Central and Sensory Stimuli Facilitate Involuntary Air-Stepping in Humans. <i>Journal of Neurophysiology</i> , 2009, 101, 2847-2858.	1.8	71
17	Anticipatory postural adjustment: the role of motor cortex in the natural and learned bimanual unloading. <i>Experimental Brain Research</i> , 2008, 186, 215-223.	1.5	17
18	Asymmetric leg loading during sit-to-stand, walking and quiet standing in patients after unilateral total hip replacement surgery. <i>Clinical Biomechanics</i> , 2008, 23, 424-433.	1.2	119

#	ARTICLE	IF	CITATIONS
19	TMS-responses during anticipatory postural adjustment in bimanual unloading in humans. Neuroscience Letters, 2005, 383, 246-250.	2.1	20
20	Vibration-Induced Postural Reaction Continues after the Contact with Additional Back Support. Motor Control, 2000, 4, 407-419.	0.6	7
21	The direction of postural instability affects postural reactions to ankle muscle vibration in humans. Neuroscience Letters, 2000, 292, 103-106.	2.1	76