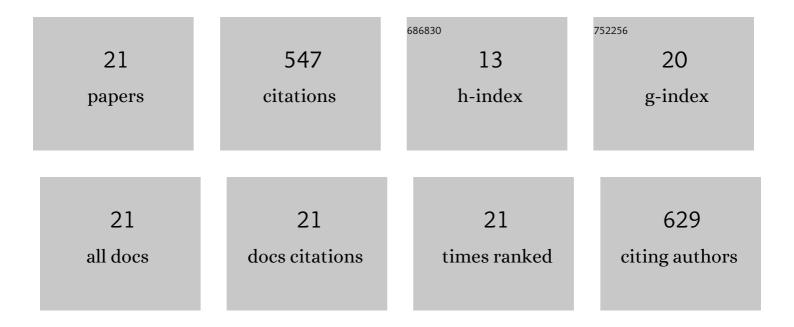
Irina A Solopova

List of Publications by Year in descending order

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IDINA A SOLODOVA

#	Article	IF	CITATIONS
1	Asymmetric leg loading during sit-to-stand, walking and quiet standing in patients after unilateral total hip replacement surgery. Clinical Biomechanics, 2008, 23, 424-433.	0.5	119
2	The direction of postural instability affects postural reactions to ankle muscle vibration in humans. Neuroscience Letters, 2000, 292, 103-106.	1.0	76
3	Tonic Central and Sensory Stimuli Facilitate Involuntary Air-Stepping in Humans. Journal of Neurophysiology, 2009, 101, 2847-2858.	0.9	71
4	Distinct locomotor precursors in newborn babies. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9604-9612.	3.3	45
5	Plasticity and modular control of locomotor patterns in neurological disorders with motor deficits. Frontiers in Computational Neuroscience, 2013, 7, 123.	1.2	38
6	Effects of transcranial magnetic stimulation during voluntary and non-voluntary stepping movements in humans. Neuroscience Letters, 2014, 579, 64-69.	1.0	22
7	TMS-responses during anticipatory postural adjustment in bimanual unloading in humans. Neuroscience Letters, 2005, 383, 246-250.	1.0	20
8	Assisted leg displacements and progressive loading by a tilt table combined with FES promote gait recovery in acute stroke. NeuroRehabilitation, 2011, 29, 67-77.	0.5	20
9	Human cervical spinal cord circuitry activated by tonic input can generate rhythmic arm movements. Journal of Neurophysiology, 2016, 115, 1018-1030.	0.9	20
10	Maturation of the Locomotor Circuitry in Children With Cerebral Palsy. Frontiers in Bioengineering and Biotechnology, 2020, 8, 998.	2.0	20
11	Tonic and Rhythmic Spinal Activity Underlying Locomotion. Current Pharmaceutical Design, 2017, 23, 1753-1763.	0.9	20
12	Lack of non-voluntary stepping responses in Parkinson's disease. Neuroscience, 2013, 235, 96-108.	1.1	19
13	Anticipatory postural adjustment: the role of motor cortex in the natural and learned bimanual unloading. Experimental Brain Research, 2008, 186, 215-223.	0.7	17
14	Tapping into rhythm generation circuitry in humans during simulated weightlessness conditions. Frontiers in Systems Neuroscience, 2015, 9, 14.	1.2	15
15	Vibration-Induced Postural Reaction Continues after the Contact with Additional Back Support. Motor Control, 2000, 4, 407-419.	0.3	7
16	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. Pediatric Traumatology, Orthopaedics and Reconstructive Surgery, 2016, 4, 47-55.	0.1	6
17	Rhythmic wrist movements facilitate the soleus H-reflex and non-voluntary air-stepping in humans. Neuroscience Letters, 2017, 638, 39-45.	1.0	5
18	Higher Responsiveness of Pattern Generation Circuitry to Sensory Stimulation in Healthy Humans Is Associated with a Larger Hoffmann Reflex. Biology, 2022, 11, 707.	1.3	3

#	Article	IF	CITATIONS
19	INTERHEMISPHERIC MOTOR CORTEX INFLUENCE DURING BIMANUAL UNLOADING. Journal of Integrative Neuroscience, 2009, 08, 409-416.	0.8	2
20	Plasticity and Different Solutions to Reorganize Muscle Patterns during Gait. Biosystems and Biorobotics, 2013, , 1249-1252.	0.2	2
21	Synergistic influences of sensory and central stimuli on non-voluntary rhythmic arm movements. Human Movement Science, 2019, 64, 230-239.	0.6	0