

# Laurent Ballaz

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

400  
citations

759233

12  
h-index

752698

20  
g-index

22  
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22  
docs citations

22  
times ranked

514  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of power training on locomotion capacities in children with cerebral palsy with GMFCS level III-IV. Disability and Rehabilitation, 2023, 45, 2329-2335.	1.8	4
2	Relationship between lower limb strength and walking capacities in children with spastic bilateral cerebral palsy. Disability and Rehabilitation, 2022, 44, 1916-1922.	1.8	8
3	Short Walking Exercise Leads to Gait Changes and Muscle Fatigue in Children With Cerebral Palsy Who Walk With Jump Gait. American Journal of Physical Medicine and Rehabilitation, 2021, 100, 1093-1099.	1.4	4
4	Effect of low dose robotic-gait training on walking capacity in children and adolescents with cerebral palsy. Neurophysiologie Clinique, 2020, 50, 507-519.	2.2	26
5	Muscle fatigue during a short walking exercise in children with cerebral palsy who walk in a crouch gait. Gait and Posture, 2019, 72, 22-27.	1.4	21
6	Lower limb extension is improved in fast walking condition in children who walk in crouch gait. Disability and Rehabilitation, 2019, 41, 3210-3215.	1.8	8
7	The effect of viewing a virtual environment through a head-mounted display on balance. Gait and Posture, 2016, 48, 261-266.	1.4	68
8	Impact of a short walking exercise on gait kinematics in children with cerebral palsy who walk in a crouch gait. Clinical Biomechanics, 2016, 34, 18-21.	1.2	20
9	Agreement of spatio-temporal gait parameters between a vertical ground reaction force decomposition algorithm and a motion capture system. Gait and Posture, 2016, 43, 257-264.	1.4	17
10	Gross Motor Function Measure Evolution Ratio: Use as a Control for Natural Progression in Cerebral Palsy. Archives of Physical Medicine and Rehabilitation, 2016, 97, 807-814.e2.	0.9	19
11	Analysing gait using a force-measuring walkway: intrasession repeatability in healthy children and adolescents. Computer Methods in Biomechanics and Biomedical Engineering, 2014, 17, 1447-1451.	1.6	2
12	Impaired visually guided weight-shifting ability in children with cerebral palsy. Research in Developmental Disabilities, 2014, 35, 1970-1977.	2.2	20
13	Kinetic measurements of gait for osteoarthritis research in dogs and cats. Canadian Veterinary Journal, 2014, 55, 1057-65.	0.0	9
14	Exercise Intensity Levels in Children With Cerebral Palsy While Playing With an Active Video Game Console. Physical Therapy, 2013, 93, 1084-1091.	2.4	41
15	Group aquatic training improves gait efficiency in adolescents with cerebral palsy. Disability and Rehabilitation, 2011, 33, 1616-1624.	1.8	33
16	Ankle range of motion is key to gait efficiency in adolescents with cerebral palsy. Clinical Biomechanics, 2010, 25, 944-948.	1.2	54
17	Peripheral Vascular Changes After Home-Based Passive Leg Cycle Exercise Training in People With Paraplegia: A Pilot Study. Archives of Physical Medicine and Rehabilitation, 2008, 89, 2162-2166.	0.9	14
18	Acute Peripheral Blood Flow Response Induced by Passive Leg Cycle Exercise in People With Spinal Cord Injury. Archives of Physical Medicine and Rehabilitation, 2007, 88, 471-476.	0.9	28