

# Dorothy BarthÃ©lemy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5992452/publications.pdf>

Version: 2024-02-01

13  
papers

344  
citations

1307594

7  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

524  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impaired Transmission in the Corticospinal Tract and Gait Disability in Spinal Cord Injured Persons. <i>Journal of Neurophysiology</i> , 2010, 104, 1167-1176.	1.8	96
2	Involvement of the corticospinal tract in the control of human gait. <i>Progress in Brain Research</i> , 2011, 192, 181-197.	1.4	76
3	Corticospinal contribution to arm muscle activity during human walking. <i>Journal of Physiology</i> , 2010, 588, 967-979.	2.9	67
4	Assessment of transmission in specific descending pathways in relation to gait and balance following spinal cord injury. <i>Progress in Brain Research</i> , 2015, 218, 79-101.	1.4	43
5	Lower extremity outcome measures: considerations for clinical trials in spinal cord injury. <i>Spinal Cord</i> , 2018, 56, 628-642.	1.9	23
6	Interhemispheric interactions between trunk muscle representations of the primary motor cortex. <i>Journal of Neurophysiology</i> , 2017, 118, 1488-1500.	1.8	14
7	H-reflex modulation preceding changes in soleus EMG activity during balance perturbation. <i>Experimental Brain Research</i> , 2019, 237, 777-791.	1.5	10
8	Assessment of vestibulocortical interactions during standing in healthy subjects. <i>PLoS ONE</i> , 2020, 15, e0233843.	2.5	5
9	Alteration of H-reflex amplitude modulation is a marker of impaired postural responses in individuals with incomplete spinal cord injury. <i>Experimental Brain Research</i> , 2021, 239, 1779-1794.	1.5	5
10	Assessing head acceleration to identify a motor threshold to galvanic vestibular stimulation. <i>Journal of Neurophysiology</i> , 2021, 125, 2191-2205.	1.8	3
11	Delayed and reduced intralimb muscular coupling during postural reactions in individuals with incomplete spinal cord injury. <i>Gait and Posture</i> , 2021, 88, 84-93.	1.4	1
12	Quantitative electrophysiological assessments as predictive markers of lower limb motor recovery after spinal cord injury: a pilot study with an adaptive trial design. <i>Spinal Cord Series and Cases</i> , 2022, 8, 26.	0.6	1
13	Immediate effects of postural repositioning on maximum phonation duration tasks in seated individuals with acquired dysarthria: a pilot study. <i>Disability and Rehabilitation</i> , 2021, , 1-13.	1.8	0