

# Cristina BayÃ³n

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8054819/publications.pdf>

Version: 2024-02-01

16  
papers

298  
citations

1163117

8  
h-index

1058476

14  
g-index

20  
all docs

20  
docs citations

20  
times ranked

279  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and evaluation of a novel robotic platform for gait rehabilitation in patients with Cerebral Palsy: CPWalker. <i>Robotics and Autonomous Systems</i> , 2017, 91, 101-114.	5.1	54
2	Robotic Therapies for Children with Cerebral Palsy: A Systematic Review. <i>Translational Biomedicine</i> , 2016, 7, .	0.1	48
3	A robot-based gait training therapy for pediatric population with cerebral palsy: goal setting, proposal and preliminary clinical implementation. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2018, 15, 69.	4.6	44
4	Locomotor training through a novel robotic platform for gait rehabilitation in pediatric population: short report. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2016, 13, 98.	4.6	37
5	Evaluation of biomechanical gait parameters of patients with Cerebral Palsy at three different levels of gait assistance using the CPWalker. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2019, 16, 15.	4.6	25
6	CPWalker: Robotic platform for gait rehabilitation in patients with Cerebral Palsy. , 2016, , .		20
7	Automatic versus manual tuning of robot-assisted gait training in people with neurological disorders. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2020, 17, 9.	4.6	19
8	Cooperative ankle-exoskeleton control can reduce effort to recover balance after unexpected disturbances during walking. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2022, 19, 21.	4.6	15
9	Can Momentum-Based Control Predict Human Balance Recovery Strategies?. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2020, 28, 2015-2024.	4.9	9
10	Pilot study of a novel robotic platform for gait rehabilitation in children with cerebral palsy. , 2016, , .		4
11	BCI-Based Facilitation of Cortical Activity Associated to Gait Onset After Single Event Multi-level Surgery in Cerebral Palsy. <i>Springer Briefs in Electrical and Computer Engineering</i> , 2017, , 99-110.	0.5	4
12	Effects of selectively assisting impaired subtasks of walking in chronic stroke survivors. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2020, 17, 143.	4.6	4
13	Development and Evaluation of BenchBalance: A System for Benchmarking Balance Capabilities of Wearable Robots and Their Users. <i>Sensors</i> , 2022, 22, 119.	3.8	4
14	Human-Robot interaction strategy for overground rehabilitation in patients with Cerebral Palsy. , 2016, , .		3
15	The CP Walker for Strength Training in Children with Spastic Cerebral Palsy: A Training Program Proposal. <i>Biosystems and Biorobotics</i> , 2017, , 1211-1215.	0.3	2
16	Pilot Study of a Performance-Based Adaptive Assistance Controller for Stroke Survivors. <i>Biosystems and Biorobotics</i> , 2019, , 302-306.	0.3	2