

# Mario F JimÃ©nez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7643403/publications.pdf>

Version: 2024-02-01

13  
papers

163  
citations

1478505

6  
h-index

1474206

9  
g-index

14  
all docs

14  
docs citations

14  
times ranked

152  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bringing proxemics to walker-assisted gait: using admittance control with spatial modulation to navigate in confined spaces. <i>Personal and Ubiquitous Computing</i> , 2022, 26, 1491-1509.	2.8	9
2	Control Strategies for Human-Robot Environment Interaction in Assisted Gait with Smart Walkers. , 2022, , 259-286.		5
3	Semi-Remote Gait Assistance Interface: A Joystick with Visual Feedback Capabilities for Therapists. <i>Sensors</i> , 2021, 21, 3521.	3.8	3
4	Assistive locomotion device with haptic feedback for guiding visually impaired people. <i>Medical Engineering and Physics</i> , 2020, 80, 18-25.	1.7	21
5	Admittance Controller with Spatial Modulation for Assisted Locomotion using a Smart Walker. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2019, 94, 621-637.	3.4	36
6	A Novel Multimodal Cognitive Interaction for Walker-Assisted Rehabilitation Therapies. , 2019, 2019, 905-910.		18
7	Recognition of Navigation Commands for a Smart Walker Through Force Sensors. <i>IFMBE Proceedings</i> , 2019, , 689-694.	0.3	1
8	Plane-by-Plane Written, Low-Loss Polymer Optical Fiber Bragg Grating Arrays for Multiparameter Sensing in a Smart Walker. <i>IEEE Sensors Journal</i> , 2019, 19, 9221-9228.	4.7	22
9	Remote-Operated Multimodal Interface for Therapists During Walker-Assisted Gait Rehabilitation: A Preliminary Assessment. , 2019, , .		6
10	On Human-in-the-Loop CPS in Healthcare: A Cloud-Enabled Mobility Assistance Service. <i>Robotica</i> , 2019, 37, 1477-1493.	1.9	13
11	A Therapist Helping Hand for Walker-Assisted Gait Rehabilitation: A Pre-Clinical Assessment. , 2019, , .		5
12	Polymer Optical Fiber-Based Sensor System for Smart Walker Instrumentation and Health Assessment. <i>IEEE Sensors Journal</i> , 2019, 19, 567-574.	4.7	20
13	Assistive Device for Guiding Visually Impaired People With Mobility Disorders. , 2018, , .		1