

Sergio D Sierra M

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

111
citations

1937685

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1872680

6
g-index

13
all docs

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docs citations

13
times ranked

61
citing authors

#	ARTICLE	IF	CITATIONS
1	Introduction to Robotics for Gait Assistance and Rehabilitation. , 2022, , 1-41.		1
2	Control Strategies for Humanâ€“Robotâ€“Environment Interaction in Assisted Gait with Smart Walkers. , 2022, , 259-286.		5
3	Kinematics, Actuation, and Sensing Architectures for Rehabilitation and Assistive Robotics. , 2022, , 43-92.		0
4	Sensing Methodologies for Gait Parameters Estimation and Control. , 2022, , 143-168.		0
5	Fundamentals for the Design of Smart Walkers. , 2022, , 121-141.		1
6	The PoundCloud framework for ROS-based cloud robotics: Case studies on autonomous navigation and humanâ€“robot interaction. Robotics and Autonomous Systems, 2022, 150, 103981.	5.1	15
7	Online System for Gait Parameters Estimation Using a LRF Sensor for Assistive Devices. IEEE Sensors Journal, 2021, 21, 14272-14280.	4.7	6
8	Semi-Remote Gait Assistance Interface: A Joystick with Visual Feedback Capabilities for Therapists. Sensors, 2021, 21, 3521.	3.8	3
9	Evaluation of Physical Interaction during Walker-Assisted Gait with the AGoRA Walker: Strategies Based on Virtual Mechanical Stiffness. Sensors, 2021, 21, 3242.	3.8	10
10	Assessment of a Robotic Walker in Older Adults With Parkinson's Disease in Daily Living Activities. Frontiers in Neurorobotics, 2021, 15, 742281.	2.8	2
11	A Novel Multimodal Cognitive Interaction for Walker-Assisted Rehabilitation Therapies. , 2019, 2019, 905-910.		18
12	Humanâ€“Robotâ€“Environment Interaction Interface for Smart Walker Assisted Gait: AGoRA Walker. Sensors, 2019, 19, 2897.	3.8	45
13	A Therapist Helping Hand for Walker-Assisted Gait Rehabilitation: A Pre-Clinical Assessment. , 2019, , .		5