

Jonathan A Casas

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

284
citations

1478280

6
h-index

1719901

7
g-index

15
all docs

15
docs citations

15
times ranked

260
citing authors

#	ARTICLE	IF	CITATIONS
1	Personalised socially assistive robot for cardiac rehabilitation: Critical reflections on long-term interactions in the real world. <i>User Modeling and User-Adapted Interaction</i> , 2023, 33, 497-544.	2.9	3
2	Socially Assistive Robotics for Gait Rehabilitation. , 2022, , 287-307.		0
3	Social Assistive Robots: Assessing the Impact of a Training Assistant Robot in Cardiac Rehabilitation. <i>International Journal of Social Robotics</i> , 2021, 13, 1189-1203.	3.1	23
4	Closed-Loop Torque and Kinematic Control of a Hybrid Lower-Limb Exoskeleton for Treadmill Walking. <i>Frontiers in Robotics and AI</i> , 2021, 8, 702860.	2.0	9
5	Using a Personalised Socially Assistive Robot for Cardiac Rehabilitation: A Long-Term Case Study. , 2020, , .		10
6	Human-robot interaction for rehabilitation scenarios. , 2020, , 1-31.		9
7	Motorized and Functional Electrical Stimulation Induced Cycling via Switched Adaptive Concurrent Learning Control. , 2020, , .		5
8	Feasibility study: Towards Estimation of Fatigue Level in Robot-Assisted Exercise for Cardiac Rehabilitation. , 2019, 2019, 911-916.		2
9	Expectation vs. Reality: Attitudes Towards a Socially Assistive Robot in Cardiac Rehabilitation. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4651.	1.3	22
10	Large-Range Polymer Optical-Fiber Strain-Gauge Sensor for Elastic Tendons in Wearable Assistive Robots. <i>Materials</i> , 2019, 12, 1443.	1.3	21
11	Quasi-Distributed Torque and Displacement Sensing on a Series Elastic Actuator's Spring Using FBG Arrays Inscribed in CYTOP Fibers. <i>IEEE Sensors Journal</i> , 2019, 19, 4054-4061.	2.4	70
12	Social Assistive Robot for Cardiac Rehabilitation. , 2018, , .		6
13	Architecture for a Social Assistive Robot in Cardiac Rehabilitation. , 2018, , .		6
14	Application of Additive Layer Manufacturing Technique on the Development of High Sensitive Fiber Bragg Grating Temperature Sensors. <i>Sensors</i> , 2018, 18, 4120.	2.1	68
15	Human-robot sensor interface for cardiac rehabilitation. , 2017, 2017, 1013-1018.		30