

Cesar A Martin

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

648
citations

1307594

7
h-index

1281871

11
g-index

28
all docs

28
docs citations

28
times ranked

899
citing authors

#	ARTICLE	IF	CITATIONS
1	Un esquema de decisiones para intervenciones adaptativas comportamentales de actividad física basado en control predictivo por modelo híbrido: ilustración con Just Walk. RIAI - Revista Iberoamericana De Automatica E Informatica Industrial, 2022, 19, 297-308.	1.0	1
2	Development of a Control-Oriented Model of Social Cognitive Theory for Optimized mHealth Behavioral Interventions. IEEE Transactions on Control Systems Technology, 2020, 28, 331-346.	5.2	25
3	System Identification of Just Walk: Using Matchable-Observable Linear Parametrizations. IEEE Transactions on Control Systems Technology, 2020, 28, 264-275.	5.2	3
4	An Adaptive Identification Test Monitoring Procedure for Nonlinear Behavioral Interventions. IFAC-PapersOnLine, 2020, 53, 16476-16481.	0.9	0
5	Modeling individual differences: A case study of the application of system identification for personalizing a physical activity intervention. Journal of Biomedical Informatics, 2018, 79, 82-97.	4.3	37
6	Adaptive step goals and rewards: a longitudinal growth model of daily steps for a smartphone-based walking intervention. Journal of Behavioral Medicine, 2018, 41, 74-86.	2.1	83
7	Design of Digital PID Controllers Relying on FPGA-based Techniques. IFAC-PapersOnLine, 2018, 51, 936-941.	0.9	3
8	A Control Engineering and System Identification Approach to Improve a Cocoa Biofertilization Process. , 2018, , .		0
9	Tutorial for Using Control Systems Engineering to Optimize Adaptive Mobile Health Interventions. Journal of Medical Internet Research, 2018, 20, e214.	4.3	109
10	Control Systems Engineering for Optimizing Behavioral mHealth Interventions. , 2017, , 455-493.		7
11	System identification of Just Walk: A behavioral mHealth intervention for promoting physical activity. , 2017, , .		22
12	A MoliZoft System Identification Approach of the Just Walk Data. IFAC-PapersOnLine, 2017, 50, 12508-12513.	0.9	2
13	Control-Relevant Design of System Identification Experiments to Improve Behavioral Interventions. IFAC-PapersOnLine, 2017, 50, 15115-15120.	0.9	1
14	Finding a dynamical model of a social norm physical activity intervention. , 2017, , .		4
15	A control theory approach for managing cloud computing resources: A proof-of-concept on memory partitioning. , 2017, , .		2
16	An enhanced identification test monitoring procedure for MIMO systems relying on uncertainty estimates. , 2016, , .		4
17	A decision framework for an adaptive behavioral intervention for physical activity using hybrid model predictive control. , 2016, , .		16
18	A control engineering approach for optimizing physical activity behavioral interventions. , 2016, , .		3

#	ARTICLE	IF	CITATIONS
19	Agile science: creating useful products for behavior change in the real world. Translational Behavioral Medicine, 2016, 6, 317-328.	2.4	171
20	Development of a dynamic computational model of social cognitive theory. Translational Behavioral Medicine, 2016, 6, 483-495.	2.4	47
21	Design of Informative Identification Experiments for Behavioral Interventions. IFAC-PapersOnLine, 2015, 48, 1325-1330.	0.9	11
22	An identification test monitoring procedure for MIMO systems based on statistical uncertainty estimation. , 2015, , .		10
23	A system identification approach for improving behavioral interventions based on Social Cognitive Theory. , 2015, , .		20
24	The importance of behavior theory in control system modeling of physical activity sensor data. , 2014, 2014, 6880-3.		15
25	Leveraging intensive longitudinal data to better understand health behaviors. , 2014, 2014, 6888-91.		4
26	A dynamical systems model of Social Cognitive Theory. , 2014, , .		48