

Dario Amaya

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

65
citations

2258059

3
h-index

1872680

6
g-index

22
all docs

22
docs citations

22
times ranked

70
citing authors

#	ARTICLE	IF	CITATIONS
1	Approach of Kinematic Control for a Nonholonomic Wheeled Robot using Artificial Neural Networks and Genetic Algorithms. , 2017, , .		14
2	Control structure for a car-like robot using artificial neural networks and genetic algorithms. Neural Computing and Applications, 2020, 32, 15771-15784.	5.6	14
3	Proposal of a Smart Hospital Based on Internet of Things (IoT) Concept. Lecture Notes in Computer Science, 2019, , 93-104.	1.3	9
4	Application of Automation and Manufacture techniques oriented to a service-based business using the Internet of Things (IoT) and Industry 4.0 concepts. Case study: Smart Hospital. GestÃ£o & ProduÃ§Ã£o, 2020, 27, .	0.5	5
5	Procesamiento de imÃ¡genes para reconocimiento de daÃ±os causados por plagas en el cultivo de Begonia semperflorens (flor de azÃ©car). Acta Agronomica, 2015, 64, 273-279.	0.1	4
6	Towards Health 4.0: e-Hospital Proposal Based Industry 4.0 and Artificial Intelligence Concepts. Lecture Notes in Computer Science, 2019, , 84-89.	1.3	4
7	Design, Simulation, and Control of an Omnidirectional Mobile Robot. International Review of Mechanical Engineering, 2018, 12, 382.	0.2	3
8	Approach to Assistive Robotics Based on an EEG Sensor and a 6-DoF Robotic Arm. International Review of Mechanical Engineering, 2016, 10, 253.	0.2	2
9	Virtual Laboratory of Bottling Process with Temperature Control in an Autoclave. International Journal of Software Engineering and Its Applications, 2015, 9, 127-136.	0.2	2
10	Parabolic Trough Collector and Central Receiver Coupled with Fresnel Lens: Experimental Tests. International Journal of Automation and Computing, 2020, 17, 572-587.	4.5	1
11	Smart Management of Telemedicine Rooms in an e-Hospital Emergency Department. Studies in Fuzziness and Soft Computing, 2021, , 65-97.	0.8	1
12	Prediction of Solar Global Radiation in BogotÃ¡ Colombia Based on Mathematical Models. International Journal of Smart Home, 2015, 9, 91-100.	0.4	1
13	Embedded Mel Frequency Cepstral Coefficient Feature Extraction System for Speech Processing. International Review on Computers and Software, 2016, 11, 207.	0.1	1
14	Estimated Energy Consumption for a Building Based on Weather and Time Conditions Using Neural Networks. International Journal of Control and Automation, 2016, 9, 15-22.	0.3	1
15	Hardware-In-The-Loop for the Design and Testing of Control Systems. International Journal of Control and Automation, 2016, 9, 241-252.	0.3	1
16	Pre-emphasis, Windowing and Spectral Estimation of Silent Speech Signals Using Embedded Systems. International Journal of Multimedia and Ubiquitous Engineering, 2016, 11, 349-360.	0.4	1
17	Event-based Control for a Second Order Continuous System. , 2011, , .		0
18	Design and Development of a Multivariable Control for a Distillation System Using Fuzzy Logic. International Review of Automatic Control, 2016, 9, 122.	0.3	0

#	ARTICLE	IF	CITATIONS
19	Processing and Analysis of EEG Signals Related to Short Time Memory Using a Brain-Computer Interface Device. International Review of Electrical Engineering, 2016, 11, 223.	0.2	0
20	Estimating Retention Times for Carbamates Pesticides by Training Bee's Swarm-Particles. International Journal of Control and Automation, 2016, 9, 137-146.	0.3	0
21	Prediction of Reproductive System Affection in Sprague Dawley Rats by Food Intake Exposed with Fenthion, Using Naïve Bayes Classifier and Genetic Algorithms. Biosciences, Biotechnology Research Asia, 2017, 14, 1291-1297.	0.5	0