

# Dario Amaya

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3109041/publications.pdf>

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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	Smart Management of Telemedicine Rooms in an e-Hospital Emergency Department. Studies in Fuzziness and Soft Computing, 2021, , 65-97.	0.8	1
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	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
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	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
6	Proposal of a Smart Hospital Based on Internet of Things (IoT) Concept. Lecture Notes in Computer Science, 2019, , 93-104.	1.3	9
7	Design, Simulation, and Control of an Omnidirectional Mobile Robot. International Review of Mechanical Engineering, 2018, 12, 382.	0.2	3
8	Approach of Kinematic Control for a Nonholonomic Wheeled Robot using Artificial Neural Networks and Genetic Algorithms. , 2017, , .		14
9	Prediction of Reproductive System Affection in Sprague Dawley Rats by Food Intake Exposed with Fenthion, Using NaÃve Bayes Classifier and Genetic Algorithms. Biosciences, Biotechnology Research Asia, 2017, 14, 1291-1297.	0.5	0
10	Embedded Mel Frequency Cepstral Coefficient Feature Extraction System for Speech Processing. International Review on Computers and Software, 2016, 11, 207.	0.1	1
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	Procesamiento de imÃ¡genes para reconocimiento de daÃ±os causados por plagas en el cultivo de Begonia semperflorens (flor de azÃºcar). Acta Agronomica, 2015, 64, 273-279.	0.1	4

#	ARTICLE	IF	CITATIONS
19	Prediction of Solar Global Radiation in Bogotá, Colombia Based on Mathematical Models. International Journal of Smart Home, 2015, 9, 91-100.	0.4	1
20	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
21	Event-based Control for a Second Order Continuous System. , 2011, , .		0