

# Diego A Bravo M

## List of Publications by Year in descending order

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21  
papers

55  
citations

1937685

4  
h-index

1872680

6  
g-index

24  
all docs

24  
docs citations

24  
times ranked

31  
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine learning for predictive maintenance scheduling of distribution transformers. Journal of Quality in Maintenance Engineering, 2023, 29, 188-202.	1.7	6
2	Teaching Physical Sciences using Arduino Physics Lab at the Universidad del Cauca. Revista Iberoamericana De Tecnologías Del Aprendizaje, 2022, , 1-1.	0.9	0
3	Identification of a synchronous generator parameters using recursive least squares and Kalman filter. Ciencia En Desarrollo, 2021, 12, 13-21.	0.1	0
4	Estabilidad y control de sistemas mecánicos de base móvil. Revista Mexicana De Física E, 2021, 18, 69-75.	0.1	2
5	Fuente de corriente para aplicaciones de bioimpedancia utilizando un dispositivo de señal mixta, PSoC 5LP. Ingeniería Y Desarrollo, 2021, 38, 85-103.	0.1	0
6	Design of a Dynamic Simulator for a Biped Robot. Modelling and Simulation in Engineering, 2021, 2021, 1-12.	0.7	2
7	Generación de trayectorias de marcha para un robot humanoide a partir de captura de movimiento. Ciencia En Desarrollo, 2021, 12, .	0.1	0
8	Dataset of distribution transformers for predictive maintenance. Data in Brief, 2021, 38, 107454.	1.0	4
9	Design and construction of a bipedal robot prototype for experimentation in balance tests during the static standing phase. , 2021, , .		1
10	An experimental energy consumption comparison between trajectories generated by using the cart-table model and an optimization approach for the Bioloid robot. International Journal of Advanced Robotic Systems, 2020, 17, 172988142091780.	2.1	6
11	A Project-Based Learning Approach to Teach Identification and Control Systems. Revista Iberoamericana De Tecnologías Del Aprendizaje, 2020, 15, 10-16.	0.9	6
12	Dynamics and Preview Control of a Robotics Bicycle. Lecture Notes in Networks and Systems, 2020, , 248-257.	0.7	1
13	Estudio de la Dinámica y Control de una Bicicleta Robótica. Revista Mexicana De Física E, 2020, 17, 62-68.	0.1	0
14	Comparative Analysis between Computed Torque Control, LQR Control and PID Control for a Robotic Bicycle. , 2019, , .		2
15	A Sinusoidal Current Source for Bioimpedance Applications Based on a Nonlinear Discrete Time Closed Loop Control Algorithm. Ciencia En Desarrollo, 2019, 10, .	0.1	1
16	Control of a Robotic Bicycle. , 2018, , .		2
17	A performance comparison of nonlinear and linear control for a DC series motor. Ciencia En Desarrollo, 2017, 8, .	0.1	3
18	Dynamics filter for walking trajectories from human motion capture. , 2016, , .		6

#	ARTICLE	IF	CITATIONS
19	Trajectory Generation from Motion Capture for a Planar Biped Robot in Swing Phase. IngenierÃa Y Ciencia, 2015, 11, 25-47.	0.3	5
20	Motion capture system for applications in robotics. , 2014, , .		1
21	Modeling and structural control of a building with holonomic constraints. Australian Journal of Structural Engineering, 0, , 1-14.	1.1	0