

# Mario Edgardo Magaña

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

264  
citations

1039880

9  
h-index

940416

16  
g-index

31  
all docs

31  
docs citations

31  
times ranked

259  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antenna Characterization for Bluetooth-Based Travel Time Data Collection. <i>Journal of Intelligent Transportation Systems: Technology, Planning, and Operations</i> , 2013, 17, 142-151.	2.6	36
2	Power optimisation of a point absorber wave energy converter by means of linear model predictive control. <i>IET Renewable Power Generation</i> , 2014, 8, 203-215.	1.7	34
3	Design of an MC-CDMA System That Uses Complete Complementary Orthogonal Spreading Codes. <i>IEEE Transactions on Vehicular Technology</i> , 2007, 56, 2976-2989.	3.9	32
4	Dynamic Frequency and Amplitude Estimation for Three-Phase Unbalanced Power Systems Using the Unscented Kalman Filter. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2019, 68, 3387-3395.	2.4	31
5	Model Predictive Control of a Nonlinear 2-Body Point Absorber Wave Energy Converter With Estimated State Feedback. <i>IEEE Transactions on Sustainable Energy</i> , 2015, 6, 336-345.	5.9	25
6	Centralised model predictive controller design for wave energy converter arrays. <i>IET Renewable Power Generation</i> , 2015, 9, 142-153.	1.7	22
7	Second Order Sliding Mode Control of Oscillating Water Column Wave Energy Converters for Power Improvement. <i>IEEE Transactions on Sustainable Energy</i> , 2021, 12, 1151-1160.	5.9	19
8	Non-Data-Aided Parametric- and Nonparametric-Based Carrier Frequency Estimators for Burst GMSK Communication Systems. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2010, 59, 1783-1792.	2.4	15
9	Adaptive master-slave unscented Kalman filter for grid voltage frequency estimation. <i>IET Signal Processing</i> , 2018, 12, 496-505.	0.9	14
10	Statistical Modeling of the Interference Noise Generated by Computing Platforms. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2012, 54, 574-584.	1.4	7
11	A Communication System Based on Walsh-Hadamard Codes and Constellations for Fading Environments. <i>IEEE Transactions on Vehicular Technology</i> , 2008, 57, 1596-1605.	3.9	5
12	Partial network coding with cooperation: A cross-layer design for multi-hop wireless networks. , 2009, , .		3
13	Performance of a Binary PPM Ultra-Wideband Communication System with Direct Sequence Spreading for Multiple Access. <i>Wireless Personal Communications</i> , 2012, 65, 125-142.	1.8	3
14	Maximization of Wave Energy Conversion Into Electricity Using Oscillating Water Columns and Nonlinear Model Predictive Control. <i>IEEE Transactions on Sustainable Energy</i> , 2022, 13, 1283-1292.	5.9	3
15	Complete Complementary Orthogonal (CCO) Code-Based CDMA Using Natural Mapping QAM Constellations. <i>Wireless Personal Communications</i> , 2006, 38, 435-442.	1.8	2
16	A channelized digital receiver design for UWB systems in a multi-path indoor environment. <i>Wireless Personal Communications</i> , 2007, 43, 1389-1397.	1.8	2
17	On the exact bit error performance of opportunistic network coding in wireless networks. , 2011, , .		2
18	Pilot-Aided Channel Estimation for Massive MIMO Systems in TDD-mode Using Walsh-Hadamard Transformed Subsampled Data at the Base Station. <i>Wireless Personal Communications</i> , 2021, 119, 423-440.	1.8	2

#	ARTICLE	IF	CITATIONS
19	Title is missing!. Wireless Personal Communications, 2003, 25, 293-305.	1.8	1
20	Collaborative Distributed Admission Control (CDAC) for Wireless Ad Hoc Networks. Wireless Personal Communications, 2008, 47, 171-191.	1.8	1
21	Model Matching Approach in RF Power Amplifier Linearization. Wireless Personal Communications, 2009, 48, 395-409.	1.8	1
22	Energy efficient multi-hop communication using partial network coding with cooperation. , 2011, , .		1
23	Cooperative Diverse Opportunistic Network Coding for Wireless Networks. Wireless Personal Communications, 2021, 119, 363-380.	1.8	1
24	Design and optimisation for a piezoelectric frame to harvest energy from structure vibrations. International Journal of Ambient Energy, 0, , 1-13.	1.4	1
25	Secrecy of Massive MIMO Systems Under Antenna Failure. , 2021, , .		1
26	A Decision Feedback Reverse Link Receiver Implementation for IS-95 CDMA Communications. Wireless Personal Communications, 1999, 11, 209-217.	1.8	0
27	Title is missing!. Wireless Personal Communications, 1999, 11, 219-229.	1.8	0
28	Title is missing!. Wireless Personal Communications, 2001, 18, 193-209.	1.8	0
29	Signal Space Diversity Augmented Space Time Block Coded Communication System. Wireless Personal Communications, 2006, 39, 487-502.	1.8	0
30	Euclidean Geometry LDPC-VBLAST System Design and Performance Evaluation. Wireless Personal Communications, 2009, 50, 401-416.	1.8	0
31	Application of adaptive time delay neural network to mitigate instability due to time delays on networked control systems using variable sampling. , 2010, , .		0