

Mario Edgardo Magaña

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

264
citations

1039880

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all docs

31
docs citations

31
times ranked

259
citing authors

#	ARTICLE	IF	CITATIONS
1	Maximization of Wave Energy Conversion Into Electricity Using Oscillating Water Columns and Nonlinear Model Predictive Control. IEEE Transactions on Sustainable Energy, 2022, 13, 1283-1292.	5.9	3
2	Cooperative Diverse Opportunistic Network Coding for Wireless Networks. Wireless Personal Communications, 2021, 119, 363-380.	1.8	1
3	Pilot-Aided Channel Estimation for Massive MIMO Systems in TDD-mode Using Walsh-Hadamard Transformed Subsampled Data at the Base Station. Wireless Personal Communications, 2021, 119, 423-440.	1.8	2
4	Second Order Sliding Mode Control of Oscillating Water Column Wave Energy Converters for Power Improvement. IEEE Transactions on Sustainable Energy, 2021, 12, 1151-1160.	5.9	19
5	Secrecy of Massive MIMO Systems Under Antenna Failure. , 2021, , .		1
6	Dynamic Frequency and Amplitude Estimation for Three-Phase Unbalanced Power Systems Using the Unscented Kalman Filter. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 3387-3395.	2.4	31
7	Adaptive master-slave unscented Kalman filter for grid voltage frequency estimation. IET Signal Processing, 2018, 12, 496-505.	0.9	14
8	Centralised model predictive controller design for wave energy converter arrays. IET Renewable Power Generation, 2015, 9, 142-153.	1.7	22
9	Model Predictive Control of a Nonlinear 2-Body Point Absorber Wave Energy Converter With Estimated State Feedback. IEEE Transactions on Sustainable Energy, 2015, 6, 336-345.	5.9	25
10	Power optimisation of a point absorber wave energy converter by means of linear model predictive control. IET Renewable Power Generation, 2014, 8, 203-215.	1.7	34
11	Antenna Characterization for Bluetooth-Based Travel Time Data Collection. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2013, 17, 142-151.	2.6	36
12	Performance of a Binary PPM Ultra-Wideband Communication System with Direct Sequence Spreading for Multiple Access. Wireless Personal Communications, 2012, 65, 125-142.	1.8	3
13	Statistical Modeling of the Interference Noise Generated by Computing Platforms. IEEE Transactions on Electromagnetic Compatibility, 2012, 54, 574-584.	1.4	7
14	Energy efficient multi-hop communication using partial network coding with cooperation. , 2011, , .		1
15	On the exact bit error performance of opportunistic network coding in wireless networks. , 2011, , .		2
16	Non-Data-Aided Parametric- and Nonparametric-Based Carrier Frequency Estimators for Burst GMSK Communication Systems. IEEE Transactions on Instrumentation and Measurement, 2010, 59, 1783-1792.	2.4	15
17	Application of adaptive time delay neural network to mitigate instability due to time delays on networked control systems using variable sampling. , 2010, , .		0
18	Model Matching Approach in RF Power Amplifier Linearization. Wireless Personal Communications, 2009, 48, 395-409.	1.8	1

#	ARTICLE	IF	CITATIONS
19	Euclidean Geometry LDPC-VBLAST System Design and Performance Evaluation. <i>Wireless Personal Communications</i> , 2009, 50, 401-416.	1.8	0
20	Partial network coding with cooperation: A cross-layer design for multi-hop wireless networks. , 2009, , .		3
21	Collaborative Distributed Admission Control (CDAC) for Wireless Ad Hoc Networks. <i>Wireless Personal Communications</i> , 2008, 47, 171-191.	1.8	1
22	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
23	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
24	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
25	Complete Complementary Orthogonal (CCO) Code-Based CDMA Using Natural Mapping QAM Constellations. <i>Wireless Personal Communications</i> , 2006, 38, 435-442.	1.8	2
26	Signal Space Diversity Augmented Space Time Block Coded Communication System. <i>Wireless Personal Communications</i> , 2006, 39, 487-502.	1.8	0
27	Title is missing!. <i>Wireless Personal Communications</i> , 2003, 25, 293-305.	1.8	1
28	Title is missing!. <i>Wireless Personal Communications</i> , 2001, 18, 193-209.	1.8	0
29	A Decision Feedback Reverse Link Receiver Implementation for IS-95 CDMA Communications. <i>Wireless Personal Communications</i> , 1999, 11, 209-217.	1.8	0
30	Title is missing!. <i>Wireless Personal Communications</i> , 1999, 11, 219-229.	1.8	0
31	Design and optimisation for a piezoelectric frame to harvest energy from structure vibrations. <i>International Journal of Ambient Energy</i> , 0, , 1-13.	1.4	1