

# Raymundo Cordero

## List of Publications by Year in descending order

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22  
papers

55  
citations

2258059

3  
h-index

1872680

6  
g-index

22  
all docs

22  
docs citations

22  
times ranked

32  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a Resonant Generalized Predictive Controller for Sinusoidal Reference Tracking. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1218-1222.	3.0	3
2	Application of Frequency Division Multiplexing and Neural Networks in the Operation and Diagnosis of the Stator Current and Shaft Position Sensors Used in Electric/Hybrid Vehicles. Lecture Notes in Mechanical Engineering, 2022, , 443-454.	0.4	0
3	Ramp-Tracking Generalized Predictive Control System-Based on Second-Order Difference. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 1283-1287.	3.0	12
4	Development of a Resolver-to-Digital Converter Based on Second-Order Difference Generalized Predictive Control. Energies, 2021, 14, 459.	3.1	2
5	Improved Acquisition System for Sensored Vector Control Through Frequency-Domain Multiplexing, Synchronous Sampling, and Differential Evolution. IEEE Sensors Journal, 2021, 21, 7784-7792.	4.7	3
6	Development of a Generalized Predictive Control System for Polynomial Reference Tracking. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2875-2879.	3.0	8
7	Analysis of the Application of Polynomial Reference Tracking Generalized Predictive Control in the Control of an LCL Filter. , 2021, , .		0
8	Application of a Poly-GPC System to Control a LCL-Filtered Grid Converter. , 2021, , .		1
9	Design of an Angle Tracking Observer for Resolver Sensors using a Type-II System and Root Locus Technique. , 2020, , .		1
10	Tuning of a Type-III Software-Based Resolver-to-Digital Converter through Genetic Algorithm. , 2020, , .		3
11	Modeling and Simulation of a Stirling-Engine-based Generator Connected to the Grid. , 2019, , .		0
12	Modeling and Simulation of a Stirling Engine in SCILAB. , 2019, , .		1
13	Simplification of the Acquisition System for Sensored Vector Control using Resolver Sensor based on FDM and Current Synchronous Sampling. , 2018, , .		5
14	Angular Position Tracking Controller for PMSM Based on Compensated Non-Linearities and Type-II Internal Model Control. , 2018, , .		0
15	Estimation of Angular Speed and Park Matrix from Resolver Position Sensor Signals without Using Trigonometric Functions. , 2018, , .		3
16	Angular Position Control of Permanent Magnet Synchronous Motor Using Compensation of the Nonlinearities of the DQ-Model. , 2018, , .		1
17	Design of a MIMO IMC-TS fuzzy speed controller for PMSM. , 2017, , .		1
18	Simplified educational platform for SVPWM control of a two-level three-phase inverter using Matlab GUI and FPGA. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
19	Analysis and convergence theorem of complex quadratic form as decision boundary for data classification. Electronics Letters, 2015, 51, 561-562.	1.0	3
20	Position control of PMSM based on augmented Fuzzy Takagi-Sugeno SISO models and LMIs. , 2012, , .		1
21	Application of frequency domain multiplexing for the reduction of ADCs in vector control of PMSM. , 2012, , .		6
22	New simplification of SV-PWM based on conditional rotation of the reference vector. , 2010, , .		1