

Nicolas Toro

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

67
citations

1937685

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h-index

1588992

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g-index

20
all docs

20
docs citations

20
times ranked

40
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust control technique in power converter with linear induction motor. International Journal of Power Electronics and Drive Systems, 2022, 13, 340.	0.6	0
2	Social impact of renewable energy systems: solar energy system in vulnerable community case study. Bulletin of Electrical Engineering and Informatics, 2021, 10, 2337-2344.	0.8	2
3	Fall risk in the aging population: fall prevention using smartphones technology and multiscale sample entropy. Telkomnika (Telecommunication Computing Electronics and Control), 2020, 18, 3058.	0.8	1
4	Parameter estimation of three-phase linear induction motor by a DSP-based electric-drives system. International Journal of Electrical and Computer Engineering, 2020, 10, 626.	0.7	2
5	Experimental Verification of two Theoretical Solutions of the Pendulum for Large Angles in Frequency Domain for Teaching Support. International Journal of Interactive Mobile Technologies, 2020, 14, 140.	1.2	0
6	Experimental Validation of a Non-Linear Sliding-Mode Control Based on a Washout Filter Applied to Microgrids. International Review of Automatic Control, 2020, 13, 162.	0.3	0
7	Unit vector template generator applied to a new control algorithm for an UPQC with instantaneous power tensor formulation, a simulation case study. International Journal of Electrical and Computer Engineering, 2020, 10, 3889.	0.7	0
8	Histopathology color image processing in prostate carcinoma. , 2020, , .		1
9	Discrete and continuous model of three-phase linear induction motors considering attraction force and end-effects. International Journal of Power Electronics and Drive Systems, 2020, 11, 1737.	0.6	1
10	Discrete and Continuous Model of Three-Phase Linear Induction Motors "LIMs" Considering Attraction Force. Energies, 2019, 12, 655.	3.1	4
11	PID controller using rapid control prototyping techniques. International Journal of Electrical and Computer Engineering, 2019, 9, 1645.	0.7	7
12	Numerical and experimental validation with bifurcation diagrams for a controlled DC"DC converter with quasi-sliding control. Tecnol"gicas, 2018, 21, 147-167.	0.3	4
13	Acondicionador Unificado de Calidad de la Potencia en Topolog" Dual iUPQC para Compensaci"n Activa de Sobretensiones Transitorias. Inge Cuc, 2017, 13, 112-117.	0.2	1
14	New Application"s Approach to Unified Power Quality Conditioners for Mitigation of Surge Voltages. Journal of Electrical and Computer Engineering, 2016, 2016, 1-8.	0.9	1
15	Adaptive Control for Buck Power Converter Using Fixed Point Inducting Control and Zero Average Dynamics Strategies. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2015, 25, 1550049.	1.7	10
16	Comparison between the improved sequence network model of wind turbines and the classical model based on sequence networks for short-circuit studies. , 2015, , .		0
17	Voltage Regulation in a Power Inverter Using a Quasi-Sliding Control Technique. DYNA (Colombia), 2015, 82, 52-59.	0.4	1
18	Adaptive Quasi-Sliding Mode Control for Permanent Magnet DC Motor. Mathematical Problems in Engineering, 2013, 2013, 1-12.	1.1	18

#	ARTICLE	IF	CITATIONS
19	Rapid Control Prototyping of a permanent magnet DC motor using non-linear sliding control ZAD and FPIC. , 2012, , .		4
20	EFFECTS OF QUANTIZATION, DELAY AND INTERNAL RESISTANCES IN DIGITALLY ZAD-CONTROLLED BUCK CONVERTER. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2012, 22, 1250245.	1.7	10