

Nicolas Toro

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

67
citations

1937685

4
h-index

1588992

8
g-index

20
all docs

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docs citations

20
times ranked

40
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Adaptive Quasi-Sliding Mode Control for Permanent Magnet DC Motor. Mathematical Problems in Engineering, 2013, 2013, 1-12. | 1.1 | 18 |
| 2 | 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 |
| 3 | 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 |
| 4 | PID controller using rapid control prototyping techniques. International Journal of Electrical and Computer Engineering, 2019, 9, 1645. | 0.7 | 7 |
| 5 | Rapid Control Prototyping of a permanent magnet DC motor using non-linear sliding control ZAD and FPIC. , 2012, , . | | 4 |
| 6 | Discrete and Continuous Model of Three-Phase Linear Induction Motors "LIMs" Considering Attraction Force. Energies, 2019, 12, 655. | 3.1 | 4 |
| 7 | Numerical and experimental validation with bifurcation diagrams for a controlled DC"DC converter with quasi-sliding control. Tecno L3gicas, 2018, 21, 147-167. | 0.3 | 4 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | Fall risk in the aging population: fall prevention using smartphones technology and multiscale sample entropy. Telekomnika (Telecommunication Computing Electronics and Control), 2020, 18, 3058. | 0.8 | 1 |
| 12 | Voltage Regulation in a Power Inverter Using a Quasi-Sliding Control Technique. DYNA (Colombia), 2015, 82, 52-59. | 0.4 | 1 |
| 13 | Acondicionador Unificado de Calidad de la Potencia en TopologÃa Dual iUPQC para Compensaci3n Activa de Sobretensiones Transitorias. Inge Cuc, 2017, 13, 112-117. | 0.2 | 1 |
| 14 | Histopathology color image processing in prostate carcinoma. , 2020, , . | | 1 |
| 15 | 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 |
| 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 | 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | 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 |
| 20 | Robust control technique in power converter with linear induction motor. International Journal of Power Electronics and Drive Systems, 2022, 13, 340. | 0.6 | 0 |