

Juan Sebastián Solís Chaves

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

195
citations

1163117

8
h-index

1058476

14
g-index

21
all docs

21
docs citations

21
times ranked

214
citing authors

#	ARTICLE	IF	CITATIONS
1	A Proposal of Project of PI controller gains used on the Control of Doubly-Fed Induction Generators. IEEE Latin America Transactions, 2017, 15, 173-180.	1.6	28
2	GPRS/EGPRS standards applied to DTC of a DFIG using fuzzy PI controllers. International Journal of Electrical Power and Energy Systems, 2017, 93, 365-373.	5.5	25
3	Extracting potable water from humid air plus electric wind generation: A possible application for a Brazilian prototype. Renewable Energy, 2018, 121, 102-115.	8.9	22
4	A direct power control for DFIG under a three phase symmetrical voltage sag condition. Control Engineering Practice, 2017, 65, 48-58.	5.5	20
5	Deadbeat fuzzy controller for the power control of a Doubly Fed Induction Generator based wind power system. ISA Transactions, 2019, 88, 258-267.	5.7	20
6	A long-range generalized predictive control algorithm for a DFIG based wind energy system. IEEE/CAA Journal of Automatica Sinica, 2019, 6, 1209-1219.	13.1	15
7	Predictive Direct Torque Control for a Squirrel Cage Induction Generator Grid Connected for Wind Energy Applications. IEEE Latin America Transactions, 2016, 14, 4454-4461.	1.6	13
8	Computational Simulation of PT6A Gas Turbine Engine Operating with Different Blends of Biodiesel A Transient-Response Analysis. Energies, 2019, 12, 4258.	3.1	9
9	Predictive Incremental Vector Control for DFIG With Weighted-Dynamic Objective Constraint-Handling Method-PSO Weighting Matrices Design. IEEE Access, 2020, 8, 114112-114122.	4.2	8
10	A Generalized Predictive Controller for a Wind Turbine Providing Frequency Support for a Microgrid. Energies, 2022, 15, 2562.	3.1	7
11	Sequence Component Extraction Based on Recursive Least Squares for Wind Energy Applications. Journal of Control, Automation and Electrical Systems, 2018, 29, 110-118.	2.0	6
12	Comparative Analysis of the Doubly Fed Induction Generator (DFIG) Under Balanced Voltage Sag Using a Deadbeat Controller. IEEE Latin America Transactions, 2017, 15, 869-876.	1.6	5
13	Electrostatic field of angular-dependent surface electrodes. European Physical Journal Plus, 2020, 135, 1.	2.6	5
14	Morphological PLL for potential applications on renewable energy. Electric Power Systems Research, 2018, 156, 15-23.	3.6	3
15	Improvement of Robustness of MPC Adding Repetitive Behavior for the DFIG Current Control. Energies, 2022, 15, 4114.	3.1	3
16	A Wireless OFDM Control System of SCIG for Applications in Smart Grids Jointly Employing Convolutional Coding and FWMA Filtering. Journal of Control, Automation and Electrical Systems, 2019, 30, 360-370.	2.0	2
17	Controle Direto De Potência Do Tipo Deadbeat Com Desacoplamento Do Fluxo Do Estator Para O Gerador De Indução Duplamente Alimentado. Eletrônica De Potência, 2024, 22, 246-257.	0.1	2
18	Power Control of a Doubly Fed Induction Wind Generator employing a Takagi-Sugeno Fuzzy Logic Controller. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
19	Diseño e implementación de un control mecánico con cables tipo Push-Pull para un banco de pruebas en tierra de motores PT6. Ciencia Y Poder Aeroespacial, 2020, 15, 135-151.	0.1	1
20	Domestic Hot Water Consumption Profiles Applied to a Flat Tubular Collector for Solar Water Heating in Bogotá. Tecciencia, 2020, 16, 29-52.	0.5	0