

Patxi Alkorta

List of Publications by Year in descending order

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papers

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citations

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times ranked

432
citing authors

#	ARTICLE	IF	CITATIONS
1	Position Control of the Induction Motor Using an Adaptive Sliding-Mode Controller and Observers. IEEE Transactions on Industrial Electronics, 2014, 61, 6556-6565.	7.9	136
2	A robust vector control for induction motor drives with an adaptive sliding-mode control law. Journal of the Franklin Institute, 2011, 348, 300-314.	3.4	63
3	Efficient Multivariable Generalized Predictive Control for Sensorless Induction Motor Drives. IEEE Transactions on Industrial Electronics, 2014, 61, 5126-5134.	7.9	56
4	A Real-Time Sliding Mode Control for a Wind Energy System Based on a Doubly Fed Induction Generator. Energies, 2014, 7, 6412-6433.	3.1	27
5	A real-time estimation and control scheme for induction motors based on sliding mode theory. Journal of the Franklin Institute, 2014, 351, 4251-4270.	3.4	26
6	A real time sliding mode control for a wave energy converter based on a wells turbine. Ocean Engineering, 2018, 163, 275-287.	4.3	18
7	Sensors Data Analysis in Supervisory Control and Data Acquisition (SCADA) Systems to Foresee Failures with an Undetermined Origin. Sensors, 2021, 21, 2762.	3.8	14
8	An Enhanced Sliding Mode Speed Control for Induction Motor Drives. Actuators, 2022, 11, 18.	2.3	10
9	Effective generalized predictive control of induction motor. ISA Transactions, 2020, 103, 295-305.	5.7	9
10	Double Fed Induction Generator Control Design Based on a Fuzzy Logic Controller for an Oscillating Water Column System. Energies, 2021, 14, 3499.	3.1	9
11	Grid Frequency and Amplitude Control Using DFIG Wind Turbines in a Smart Grid. Mathematics, 2021, 9, 143.	2.2	8
12	Effective Position Control for a Three-Phase Motor. Electronics (Switzerland), 2020, 9, 241.	3.1	6
13	A robust control of double-feed induction generator for wind power generation. , 2009, , .		5
14	Effective and Robust Generalized Predictive Speed Control of Induction Motor. Mathematical Problems in Engineering, 2013, 2013, 1-14.	1.1	4
15	Influence of the rotor angle precision in control of interior permanent magnet synchronous machine drives and improvement method using sensorless estimator with Hall sensors. IET Power Electronics, 2019, 12, 383-391.	2.1	4
16	Adaptive Sliding Mode Position Control for Electrical Motors. , 2014, , .		1
17	Effective Proportional Derivative position control of induction motor drives. , 2016, , .		1
18	A Robust Induction Motor Control using Sliding Mode Rotor Flux and Load Torque Observers. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	RENEWABLE ENERGY RESEARCH EQUIPMENT AS EDUCATIONAL SCENARIOS FOR TEACHING AND LEARNING PROMOTION. , 2021, , .		0