

Jes s Linares-Flores

List of Publications by Year in descending order

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759190

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docs citations

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times ranked

959
citing authors

#	ARTICLE	IF	CITATIONS
1	Sliding Mode Control Based on Linear Extended State Observer for DC-to-DC Buck Boost Power Converter System With Mismatched Disturbances. IEEE Transactions on Industry Applications, 2022, 58, 940-950.	4.9	21
2	A Cooperative ADRC-Based Approach for Angular Velocity Synchronization and Load-Sharing in Servomechanisms. Energies, 2022, 15, 5121.	3.1	1
3	Modern Semi-Active Control Schemes for a Suspension with MR Actuator for Vibration Attenuation. Actuators, 2021, 10, 22.	2.3	13
4	PWM techniques for an asymmetric multilevel binary inverter: an FPGA based implementation. IET Power Electronics, 2021, 14, 1529-1539.	2.1	2
5	Bounded Attitude Control with Active Disturbance Rejection Capabilities for Multirotor UAVs. Applied Sciences (Switzerland), 2021, 11, 5960.	2.5	5
6	Control mediante rechazo activo de perturbaciones de la temperatura de un mÃ³dulo termoelectrÃ³nico. RIAI - Revista Iberoamericana De Automatica E Informatica Industrial, 2021, 19, 48-60.	1.0	1
7	Robust sensorless low-speed trajectory tracking for a Permanent Magnet Synchronous Motor: An ESO based Backstepping control approach. Advanced Control for Applications, 2020, 2, e49.	1.7	3
8	Control de velocidad de un motor sÃ­ncrono de imanes permanentes accionado por un inversor trifÃ¡sico multinivel. Ingenius: Revista De Ciencia Y TecnologÃ­a, 2020, , 97-108.	0.1	1
9	Control para el voltaje de salida de un inversor multinivel de capacitores flotantes. Ingenius: Revista De Ciencia Y TecnologÃ­a, 2020, , 68-80.	0.1	0
10	Control para el voltaje de salida de un inversor multinivel de capacitores flotantes. Ingenius: Revista De Ciencia Y TecnologÃ­a, 2020, , 68-80.	0.1	0
11	FPGA Implementation of Passivity-Based Control and Output Load Algebraic Estimation for Transformerless Multilevel Active Rectifier. IEEE Transactions on Industrial Informatics, 2019, 15, 1877-1889.	11.3	10
12	A Backstepping Approach to Decentralized Active Disturbance Rejection Control of Interacting Boost Converters. IEEE Transactions on Industry Applications, 2017, 53, 4063-4072.	4.9	31
13	Comparative of nonlinear tracking control techniques for the three-phase squirrel-cage induction motor positioning system. , 2017, , .		0
14	Decentralized adaptive control for interconnected boost converters based on backstepping approach. , 2016, , .		2
15	On the sensorless rotor position control of the permanent magnet synchronous motor: An active disturbance rejection approach. , 2016, , .		6
16	Adaptive nonlinear zero-dynamic tracking controller for the three-phase squirrel-cage induction motor positioning system. , 2016, , .		0
17	FPGA-based level-shift PWM for an asymmetric multilevel trinary inverter. , 2016, , .		4
18	Robust flat filtering DSP based control of the boost converter. Control Theory and Technology, 2016, 14, 224-236.	1.6	13

#	ARTICLE	IF	CITATIONS
19	Robust backstepping tracking controller for low speed PMSM positioning system: Design, analysis, and implementation. , 2015, , .		4
20	Robust Backstepping Tracking Controller for Low-Speed PMSM Positioning System: Design, Analysis, and Implementation. IEEE Transactions on Industrial Informatics, 2015, 11, 1130-1141.	11.3	121
21	On the Control of the Permanent Magnet Synchronous Motor: An Active Disturbance Rejection Control Approach. IEEE Transactions on Control Systems Technology, 2014, 22, 2056-2063.	5.2	293
22	Generalized Proportional Integral Tracking Controller for a Single-Phase Multilevel Cascade Inverter: An FPGA Implementation. IEEE Transactions on Industrial Informatics, 2014, 10, 256-266.	11.3	41
23	Robust Nonlinear Adaptive Control of a "Boost" Converter via Algebraic Parameter Identification. IEEE Transactions on Industrial Electronics, 2014, 61, 4105-4114.	7.9	112
24	Robust Passivity-Based Control of a Buck"Boost-Converter/DC-Motor System: An Active Disturbance Rejection Approach. IEEE Transactions on Industry Applications, 2012, 48, 2362-2371.	4.9	90
25	A comparison between the algebraic and the reduced order observer approaches for online load torque estimation in a unit power factor rectifier"DC motor system. Asian Journal of Control, 2012, 14, 45-57.	3.0	31
26	A Comparison Between the GPI and PID Controllers for the Stabilization of a DC"DC "Buck" Converter: A Field Programmable Gate Array Implementation. IEEE Transactions on Industrial Electronics, 2011, 58, 5251-5262.	7.9	75
27	Sensorless Passivity Based Control of a DC Motor via a Solar Powered Sepic Converter-Full Bridge Combination. Journal of Power Electronics, 2011, 11, 743-750.	1.5	44
28	Load Torque Estimation and Passivity-Based Control of a Boost-Converter/DC-Motor Combination. IEEE Transactions on Control Systems Technology, 2010, , .	5.2	62
29	An exact tracking error dynamics passive output feedback controller for a Buck-Boost-converter driven DC motor. , 2006, , .		14
30	Angular Speed Control of an Induction Motor Via a Solar Powered Boost Converter-Voltage Source Inverter Combination. , 0, , .		0