

G A Ramos

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

239
citations

1163117

8
h-index

1058476

14
g-index

33
all docs

33
docs citations

33
times ranked

223
citing authors

#	ARTICLE	IF	CITATIONS
1	Generalized proportional integral control for periodic signals under active disturbance rejection approach. ISA Transactions, 2014, 53, 1901-1909.	5.7	34
2	Robust Repetitive Control of Power Inverters for Standalone Operation in DG Systems. IEEE Transactions on Energy Conversion, 2020, 35, 237-247.	5.2	33
3	Adaptive compensation strategy for the tracking/rejection of signals with time-varying frequency in digital repetitive control systems. Journal of Process Control, 2010, 20, 551-558.	3.3	26
4	Robust Active Disturbance Rejection Control Approach to Maximize Energy Capture in Variable-Speed Wind Turbines. Mathematical Problems in Engineering, 2013, 2013, 1-12.	1.1	17
5	Voltage H \hat{a} z Control of a Vanadium Redox Flow Battery. Electronics (Switzerland), 2020, 9, 1567.	3.1	14
6	Analysis and design of a robust odd-harmonic repetitive controller for an active filter under variable network frequency. Control Engineering Practice, 2012, 20, 895-903.	5.5	13
7	Energy Management Strategies for Hybrid Energy Storage Systems Based on Filter Control: Analysis and Comparison. Electronics (Switzerland), 2022, 11, 1631.	3.1	12
8	Optimal anti-windup synthesis for repetitive controllers. Journal of Process Control, 2013, 23, 1149-1158.	3.3	11
9	Second-order odd-harmonic repetitive control and its application to active filter control. , 2010, , .		10
10	Precompensated Second Order Repetitive Control of an Active Filter Under Varying Network Frequency. Asian Journal of Control, 2015, 17, 1243-1254.	3.0	8
11	Digital repetitive control under time-varying sampling period: An LMI stability analysis. , 2009, , .		7
12	A Varying Frequency LPV-Based Control Strategy for Three-Phase Inverters. IEEE Transactions on Industrial Electronics, 2017, 64, 7599-7608.	7.9	7
13	Robust high-order repetitive control of an active filter using an odd-harmonic internal model. , 2010, , .		6
14	High performance control of a three-phase PWM rectifier using odd harmonic high order repetitive control. DYNA (Colombia), 2016, 83, 27-36.	0.4	5
15	Industrial Robots Fuel Cell Based Hybrid Power-Trains: A Comparison between Different Configurations. Electronics (Switzerland), 2021, 10, 1431.	3.1	4
16	Odd-harmonic repetitive control of an active filter under varying network frequency: Control design and stability analysis. , 2010, , .		3
17	Digital Repetitive Control under Nonuniform Sampling: An LMI Stability Analysis. Mathematical Problems in Engineering, 2011, 2011, 1-16.	1.1	3
18	LPV Observer-Based Strategy for Rejection of Periodic Disturbances with Time-Varying Frequency. Mathematical Problems in Engineering, 2015, 2015, 1-9.	1.1	3

#	ARTICLE	IF	CITATIONS
19	Comparison of Different Repetitive Control Architectures: Synthesis and Comparison. Application to VSI Converters. Electronics (Switzerland), 2018, 7, 446.	3.1	3
20	Robust H _∞ Design for Resonant Control in a CVCF Inverter Application over Load Uncertainties. Electronics (Switzerland), 2020, 9, 66.	3.1	3
21	Power Quality Improvement through a UPQC and a Resonant Observer-Based MIMO Control Strategy. Energies, 2021, 14, 6938.	3.1	3
22	Adaptive compensation strategy for the tracking/rejection of signals with time-varying frequency in digital repetitive control systems. , 2009, , .		2
23	Odd-harmonic repetitive control of an active filter under varying network frequency: Practical considerations. , 2010, , .		2
24	An optimal anti-windup strategy for repetitive control systems. , 2011, , .		2
25	Power factor correction and harmonic compensation in an active filter application through a discrete-time active disturbance rejection control approach. , 2015, , .		2
26	Iterative Learning Control Experimental Results in Twin-Rotor Device. Mathematical Problems in Engineering, 2017, 2017, 1-12.	1.1	2
27	Repetitive control of an active filter under varying network frequency: Power factor correction. , 2011, , .		1
28	An active disturbance rejection approach based on signal processing. , 2015, , .		1
29	Anti-windup schemes comparison for digital repetitive control. , 2010, , .		0
30	A varying frequency resonant control strategy for single phase PWM controlled rectifiers. , 2016, , .		0
31	Performance of different ADRC based control methods in a nonlinear plant with uncertainties. , 2019, , .		0
32	High performance control of a three-phase PWM rectifier using odd harmonic high order repetitive control. DYNA (Colombia), 2016, 83, 27.	0.4	0