

Gerardo V Guerrero-Ramírez

List of Publications by Year in descending order

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papers

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citations

1040056

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22
all docs

22
docs citations

22
times ranked

513
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic modeling and simulation of the human cardiovascular system with PDA. Biomedical Signal Processing and Control, 2022, 71, 103151.	5.7	2
2	Robust Formation Control Based on Leader-Following Consensus in Multi-Agent Systems With Faults in the Information Exchange: Application in a Fleet of Unmanned Aerial Vehicles. IEEE Access, 2021, 9, 104940-104949.	4.2	9
3	FPGA-based active disturbance rejection control and maximum power point tracking for a photovoltaic system. International Transactions on Electrical Energy Systems, 2020, 30, e12398.	1.9	5
4	On the trajectory tracking control for an SCARA robot manipulator in a fractional model driven by induction motors with PSO tuning. Multibody System Dynamics, 2018, 43, 257-277.	2.7	47
5	DC Motor Speed Control through Parallel DC/DC Buck Converters. IEEE Latin America Transactions, 2017, 15, 819-826.	1.6	13
6	Grey-box model identification of temperature dynamics in a photobioreactor. Chemical Engineering Research and Design, 2017, 121, 125-133.	5.6	7
7	Master-Slave Synchronization of Robot Manipulators Driven by Induction Motors. IEEE Latin America Transactions, 2016, 14, 3986-3991.	1.6	30
8	Triple pendulum model involving fractional derivatives with different kernels. Chaos, Solitons and Fractals, 2016, 91, 248-261.	5.1	60
9	Resonant switched capacitor voltage multiplier with interleaving capability. Electric Power Systems Research, 2016, 133, 365-372.	3.6	8
10	Fractional dynamics of charged particles in magnetic fields. International Journal of Modern Physics C, 2016, 27, 1650084.	1.7	24
11	Monitoring and Control Interface Based on Virtual Sensors. Sensors, 2014, 14, 20645-20666.	3.8	3
12	Voltage balancing in an interleaved high gain boost converter. , 2014, , .		0
13	Interleaved high-gain boost converter with low input-current ripple for fuel cell electric vehicle applications. , 2013, , .		6
14	Adaptive nonlinear control of induction motor. International Journal of Control, Automation and Systems, 2011, 9, 176-186.	2.7	8
15	Sensor fault detection and isolation via high-gain observers: Application to a double-pipe heat exchanger. ISA Transactions, 2011, 50, 480-486.	5.7	48
16	Robust Nonlinear Control of AC Brushless Motor for Electric Vehicles Application. Journal of Power Electronics, 2011, 11, 430-438.	1.5	0
17	Bounded neuro-control position regulation for a geared DC motor. Engineering Applications of Artificial Intelligence, 2010, 23, 1398-1407.	8.1	10
18	Observer-based monitoring of heat exchangers. ISA Transactions, 2008, 47, 15-24.	5.7	46

#	ARTICLE	IF	CITATIONS
19	Motion control of rigid robots driven by current-fed induction motors. Mechatronics, 2001, 11, 13-25.	3.3	10
20	Decentralized robust control of mechanical systems. IEEE Transactions on Automatic Control, 2000, 45, 771-776.	5.7	110