Allan G. S. SÃ¡nchez

List of Publications by Year
in descending order

19 papers	160 citations	1163117 8 h-index	1199594 12 g-index
19 all docs	19 docs citations	19 times ranked	171 citing authors

#	Article	IF	Citations
1	Comparison Between Discretization Techniques on HIL Fractional-Order Controllers. , 2022, , .		2
2	An Overview on Electric-Stress Degradation Empirical Models for Electrochemical Devices in Smart Grids. Energies, 2021, 14, 2117.	3.1	0
3	Experimental Validation of Voltage Regulation in Buck Converters through Fractional-Order PID Approximation. International Journal on Engineering, Science and Technology, 2021, 3, 44-51.	0.4	1
4	A Comparison of Integrated Filtering and Prediction Methods for Smart Grids. Energies, 2021, 14, 1980.	3.1	4
5	Nonlinear Stabilization Controller for the Boost Converter with a Constant Power Load in Both Continuous and Discontinuous Conduction Modes. Micromachines, 2021, 12, 522.	2.9	3
6	Non-Integer Order Approximation of a PID-Type Controller for Boost Converters. Energies, 2021, 14, 3153.	3.1	5
7	Fractional-Order Approximation of PID Controller for Buck–Boost Converters. Micromachines, 2021, 12, 591.	2.9	11
8	Study on Multiple Input Asymmetric Boost Converters with Simultaneous and Sequential Triggering. Electronics (Switzerland), 2021, 10, 1421.	3.1	3
9	Determining efficiency of small-world algorithms: A comparative approach. Mathematics and Computers in Simulation, 2021, 187, 687-699.	4.4	4
10	Design and Implementation of a Germicidal UVC-LED Lamp. IEEE Access, 2020, 8, 196951-196962.	4.2	19
11	Advanced Ferromagnetic Materials in Power Electronic Converters: A State of the Art. IEEE Access, 2020, 8, 56238-56252.	4.2	16
12	Fractional-Order Approximation and Synthesis of a PID Controller for a Buck Converter. Energies, 2020, 13, 629.	3.1	20
13	Increasing synchronizability in a scale-free network via edge elimination. Mathematics and Computers in Simulation, 2020, 174, 233-243.	4.4	1
14	Synchronization of fractional-order Lü chaotic oscillators for voice encryption. Revista Mexicana De Física, 2020, 66, 364-371.	0.4	9
15	Noninvasive Vehicle-to-Load Energy Management Strategy to Prevent Li-Ion Batteries Premature Degradation. Mathematical Problems in Engineering, 2019, 2019, 1-9.	1.1	5
16	Synchronization and FPGA realization of complex networks with fractional–order Liu chaotic oscillators. Applied Mathematics and Computation, 2018, 332, 250-262.	2.2	22
17	Smart pattern to generate small–world networks. Chaos, Solitons and Fractals, 2018, 114, 415-422.	5.1	7
18	Coupling strength computation for chaotic synchronization of complex networks with multi-scroll attractors. Applied Mathematics and Computation, 2016, 275, 305-316.	2.2	15

#	ARTICLE	IF	CITATIONS
19	Performance improvement of chaotic encryption via energy and frequency location criteria. Mathematics and Computers in Simulation, 2015, 112, 14-27.	4.4	13