Cristian Napole

List of Publications by Year
in descending order

19	259	840776 11	940533 16
papers	citations	h-index	g-index

19	19	19	164
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Real-Time Implementation of a New MPPT Control Method for a DC-DC Boost Converter Used in a PEM Fuel Cell Power System. Actuators, 2020, 9, 105.	2.3	30
2	A global integral terminal sliding mode control based on a novel reaching law for a proton exchange membrane fuel cell system. Applied Energy, 2021, 301, 117473.	10.1	27
3	Experimental Validation of a Sliding Mode Control for a Stewart Platform Used in Aerospace Inspection Applications. Mathematics, 2020, 8, 2051.	2.2	25
4	Provision of Frequency Response from Wind Farms: A Review. Energies, 2021, 14, 6689.	3.1	24
5	Maximum Power Point Tracking Techniques for Photovoltaic Panel: A Review and Experimental Applications. Energies, 2021, 14, 7806.	3.1	21
6	High-Performance Tracking for Proton Exchange Membrane Fuel Cell System PEMFC Using Model Predictive Control. Mathematics, 2021, 9, 1158.	2.2	17
7	Feedforward Compensation Analysis of Piezoelectric Actuators Using Artificial Neural Networks with Conventional PID Controller and Single-Neuron PID Based on Hebb Learning Rules. Energies, 2020, 13, 3929.	3.1	16
8	Advances in Tracking Control for Piezoelectric Actuators Using Fuzzy Logic and Hammerstein-Wiener Compensation. Mathematics, 2020, 8, 2071.	2.2	13
9	Fuzzy Logic Approach for Maximum Power Point Tracking Implemented in a Real Time Photovoltaic System. Applied Sciences (Switzerland), 2021, 11, 5927.	2.5	13
10	Machine Learning Approach for Modeling and Control of a Commercial Heliocentris FC50 PEM Fuel Cell System. Mathematics, 2021, 9, 2068.	2.2	12
11	High-Performance Tracking for Piezoelectric Actuators Using Super-Twisting Algorithm Based on Artificial Neural Networks. Mathematics, 2021, 9, 244.	2.2	11
12	Fractional Order PID Design for a Proton Exchange Membrane Fuel Cell System Using an Extended Grey Wolf Optimizer. Processes, 2022, 10, 450.	2.8	11
13	An Efficient and Robust Current Control for Polymer Electrolyte Membrane Fuel Cell Power System. Sustainability, 2021, 13, 2360.	3.2	9
14	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
15	Advanced Trajectory Control for Piezoelectric Actuators Based on Robust Control Combined with Artificial Neural Networks. Applied Sciences (Switzerland), 2021, 11, 7390.	2.5	7
16	Reliable Control Applications with Wireless Communication Technologies: Application to Robotic Systems. Sensors, 2021, 21, 7107.	3.8	6
17	Tracking Control for Piezoelectric Actuators with Advanced Feed-forward Compensation Combined with PI Control.. , 0, , .		5
18	Experimental Analysis of a Fuzzy Scheme against a Robust Controller for a Proton Exchange Membrane Fuel Cell System. Symmetry, 2022, 14, 139.	2.2	2

#	Article	IF	Citations
19	Design and Performance of a XBee 900 MHz Acquisition System Aimed at Industrial Applications. Applied Sciences (Switzerland), 2021, 11, 8174.	2.5	1