

Cristian Napole

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

259
citations

840776

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all docs

19
docs citations

19
times ranked

164
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Analysis of a Fuzzy Scheme against a Robust Controller for a Proton Exchange Membrane Fuel Cell System. <i>Symmetry</i> , 2022, 14, 139.	2.2	2
2	Fractional Order PID Design for a Proton Exchange Membrane Fuel Cell System Using an Extended Grey Wolf Optimizer. <i>Processes</i> , 2022, 10, 450.	2.8	11
3	An Efficient and Robust Current Control for Polymer Electrolyte Membrane Fuel Cell Power System. <i>Sustainability</i> , 2021, 13, 2360.	3.2	9
4	High-Performance Tracking for Proton Exchange Membrane Fuel Cell System PEMFC Using Model Predictive Control. <i>Mathematics</i> , 2021, 9, 1158.	2.2	17
5	Fuzzy Logic Approach for Maximum Power Point Tracking Implemented in a Real Time Photovoltaic System. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5927.	2.5	13
6	Double Fed Induction Generator Control Design Based on a Fuzzy Logic Controller for an Oscillating Water Column System. <i>Energies</i> , 2021, 14, 3499.	3.1	9
7	Advanced Trajectory Control for Piezoelectric Actuators Based on Robust Control Combined with Artificial Neural Networks. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7390.	2.5	7
8	Machine Learning Approach for Modeling and Control of a Commercial Heliocentris FC50 PEM Fuel Cell System. <i>Mathematics</i> , 2021, 9, 2068.	2.2	12
9	Design and Performance of a XBee 900 MHz Acquisition System Aimed at Industrial Applications. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8174.	2.5	1
10	A global integral terminal sliding mode control based on a novel reaching law for a proton exchange membrane fuel cell system. <i>Applied Energy</i> , 2021, 301, 117473.	10.1	27
11	High-Performance Tracking for Piezoelectric Actuators Using Super-Twisting Algorithm Based on Artificial Neural Networks. <i>Mathematics</i> , 2021, 9, 244.	2.2	11
12	Provision of Frequency Response from Wind Farms: A Review. <i>Energies</i> , 2021, 14, 6689.	3.1	24
13	Reliable Control Applications with Wireless Communication Technologies: Application to Robotic Systems. <i>Sensors</i> , 2021, 21, 7107.	3.8	6
14	Maximum Power Point Tracking Techniques for Photovoltaic Panel: A Review and Experimental Applications. <i>Energies</i> , 2021, 14, 7806.	3.1	21
15	Real-Time Implementation of a New MPPT Control Method for a DC-DC Boost Converter Used in a PEM Fuel Cell Power System. <i>Actuators</i> , 2020, 9, 105.	2.3	30
16	Experimental Validation of a Sliding Mode Control for a Stewart Platform Used in Aerospace Inspection Applications. <i>Mathematics</i> , 2020, 8, 2051.	2.2	25
17	Advances in Tracking Control for Piezoelectric Actuators Using Fuzzy Logic and Hammerstein-Wiener Compensation. <i>Mathematics</i> , 2020, 8, 2071.	2.2	13
18	Feedforward Compensation Analysis of Piezoelectric Actuators Using Artificial Neural Networks with Conventional PID Controller and Single-Neuron PID Based on Hebb Learning Rules. <i>Energies</i> , 2020, 13, 3929.	3.1	16

#	ARTICLE	IF	CITATIONS
19	Tracking Control for Piezoelectric Actuators with Advanced Feed-forward Compensation Combined with PI Control.. , 0, , .		5