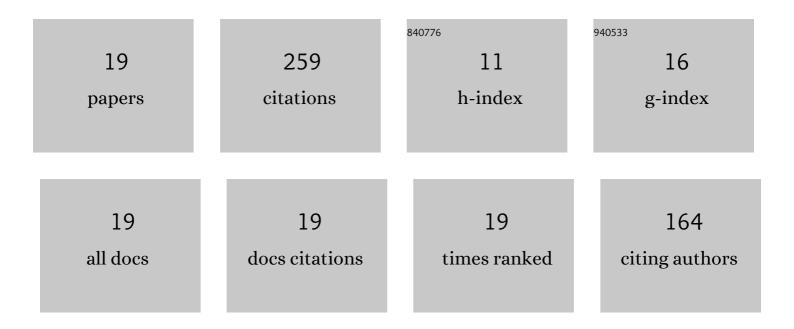
## **Cristian Napole**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8444927/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	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
2	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
3	An Efficient and Robust Current Control for Polymer Electrolyte Membrane Fuel Cell Power System. Sustainability, 2021, 13, 2360.	3.2	9
4	High-Performance Tracking for Proton Exchange Membrane Fuel Cell System PEMFC Using Model Predictive Control. Mathematics, 2021, 9, 1158.	2.2	17
5	Fuzzy Logic Approach for Maximum Power Point Tracking Implemented in a Real Time Photovoltaic System. Applied Sciences (Switzerland), 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. Energies, 2021, 14, 3499.	3.1	9
7	Advanced Trajectory Control for Piezoelectric Actuators Based on Robust Control Combined with Artificial Neural Networks. Applied Sciences (Switzerland), 2021, 11, 7390.	2.5	7
8	Machine Learning Approach for Modeling and Control of a Commercial Heliocentris FC50 PEM Fuel Cell System. Mathematics, 2021, 9, 2068.	2.2	12
9	Design and Performance of a XBee 900 MHz Acquisition System Aimed at Industrial Applications. Applied Sciences (Switzerland), 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. Applied Energy, 2021, 301, 117473.	10.1	27
11	High-Performance Tracking for Piezoelectric Actuators Using Super-Twisting Algorithm Based on Artificial Neural Networks. Mathematics, 2021, 9, 244.	2.2	11
12	Provision of Frequency Response from Wind Farms: A Review. Energies, 2021, 14, 6689.	3.1	24
13	Reliable Control Applications with Wireless Communication Technologies: Application to Robotic Systems. Sensors, 2021, 21, 7107.	3.8	6
14	Maximum Power Point Tracking Techniques for Photovoltaic Panel: A Review and Experimental Applications. Energies, 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. Actuators, 2020, 9, 105.	2.3	30
16	Experimental Validation of a Sliding Mode Control for a Stewart Platform Used in Aerospace Inspection Applications. Mathematics, 2020, 8, 2051.	2.2	25
17	Advances in Tracking Control for Piezoelectric Actuators Using Fuzzy Logic and Hammerstein-Wiener Compensation. Mathematics, 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. Energies, 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