

Nelson Batista

List of Publications by Year in descending order

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23
papers

429
citations

1478280

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23
all docs

23
docs citations

23
times ranked

468
citing authors

#	ARTICLE	IF	CITATIONS
1	Upgrading a Legacy Manufacturing Cell to IoT. Journal of Sensor and Actuator Networks, 2021, 10, 65.	2.3	3
2	Large Geographical Area Aerial Surveillance Systems Data Network Infrastructure Managed by Artificial Intelligence and Certified over Blockchain: A Review. Network, 2021, 1, 335-353.	1.5	1
3	A wind turbine and its robust control using the CRONE method. Renewable Energy, 2020, 160, 483-497.	4.3	5
4	Wireless Networks for Traffic Light Control on Urban and Aerotropolis Roads. Journal of Sensor and Actuator Networks, 2020, 9, 26.	2.3	9
5	Robust Control of a Wind Turbine Using Third Generation CRONE Control. , 2019, , .		4
6	Darrieus Wind Turbine Prototype Control Study. , 2018, , .		0
7	Darrieus wind turbine prototype: Dynamic modeling parameter identification and control analysis. Energy, 2018, 159, 961-976.	4.5	15
8	Darrieus-type vertical axis rotary-wings with a new design approach grounded in double-multiple streamtube performance prediction model. AIMS Energy, 2018, 6, 673-694.	1.1	5
9	Services enabler architecture for smart grid and smart living services providers under industry 4.0. Energy and Buildings, 2017, 141, 16-27.	3.1	53
10	Wireless technologies for controlling a traffic lights prototype. , 2016, , .		2
11	Innovative design on technology of urban Darrieus VAWT: Field tests. , 2015, , .		0
12	On a self-start Darrieus wind turbine: Blade design and field tests. Renewable and Sustainable Energy Reviews, 2015, 52, 508-522.	8.2	48
13	Wireless Monitoring of Urban Wind Turbines by ZigBee Protocol: Support Application Software and Sensor Modules. Procedia Technology, 2014, 17, 461-470.	1.1	5
14	Layered Smart Grid architecture approach and field tests by ZigBee technology. Energy Conversion and Management, 2014, 88, 49-59.	4.4	42
15	Photovoltaic and wind energy systems monitoring and building/home energy management using ZigBee devices within a smart grid. Energy, 2013, 49, 306-315.	4.5	160
16	Darrieus Wind Turbine Performance Prediction: Computational Modeling. IFIP Advances in Information and Communication Technology, 2013, , 382-391.	0.5	5
17	ZigBee wireless area network for home automation and energy management: Field trials and installation approaches. , 2012, , .		10
18	Zigbee devices for distributed generation management: field tests and installation approaches. , 2012, , .		2

#	ARTICLE	IF	CITATIONS
19	ZigBee standard in the creation of wireless networks for advanced metering infrastructures. , 2012, , .		16
20	Self-start evaluation in lift-type vertical axis wind turbines: Methodology and computational tool applied to asymmetrical airfoils. , 2011, , .		7
21	New blade profile for Darrieus wind turbines capable to self-start. , 2011, , .		15
22	Self-start performance evaluation in Darrieus-type vertical axis wind turbines: Methodology and computational tool applied to symmetrical airfoils. Renewable Energy and Power Quality Journal, 0, , 250-255.	0.2	16
23	Vertical Axis Wind Turbine Performance Prediction: An Approach to the Double Multiple Streamtube Model. Renewable Energy and Power Quality Journal, 0, , 633-636.	0.2	6