

Marco Mauri

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

297
citations

1478505

6
h-index

1474206

9
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18
all docs

18
docs citations

18
times ranked

307
citing authors

#	ARTICLE	IF	CITATIONS
1	Wireless sensor nodes for freight trains condition monitoring based on geo-localized vibration measurements. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2023, 237, 193-204.	2.0	8
2	Energy Autonomous Wireless Sensor Nodes for Freight Train Braking Systems Monitoring. Sensors, 2022, 22, 1876.	3.8	13
3	Design of a Rotary Transformer for Installations on Large Shafts. Applied Sciences (Switzerland), 2022, 12, 2932.	2.5	2
4	Electrothermal Aging Model of Li-Ion Batteries for Vehicle-to-Grid Services Evaluation. Electronics (Switzerland), 2022, 11, 1042.	3.1	8
5	Design and Field Validation of a Low Power Wireless Sensor Node for Structural Health Monitoring. Sensors, 2021, 21, 1050.	3.8	23
6	Adjustable Speed Control and Damping Analysis of Torsional Vibrations in VSD Compressor Systems. Machines, 2021, 9, 374.	2.2	4
7	Sensor Nodes for Continuous Monitoring of Structures Through Accelerometric Measurements. , 2020, , .		9
8	Power control of series connected passive-active rectifiers for a dual-star PMS wind generator. , 2017, , .		3
9	Torsional issues related to variable frequency control of elastic drive systems. , 2016, , .		5
10	Generation of torsional excitation in a variable-speed-drive system. , 2016, , .		8
11	Energy recovery and efficiency optimisation in a wood cutting machines. , 2013, , .		1
12	Parallel-Connected Photovoltaic Inverters: Zero Frequency Sequence Harmonic Analysis and Solution. International Journal of Emerging Electric Power Systems, 2013, 14, 199-206.	0.8	0
13	A Novel Mechanical Hardware in the Loop Platform for Distributed Generation Systems. Distributed Generation and Alternative Energy Journal, 2013, 28, 7-27.	0.8	4
14	Plug-In Hybrid Electric Vehicle: Modeling, Prototype Realization, and Inverter Losses Reduction Analysis. IEEE Transactions on Industrial Electronics, 2010, 57, 598-607.	7.9	128
15	Design and analysis of a Medium Voltage DC wind farm with a transformer-less wind turbine generator. , 2010, , .		26
16	Hardware-in-the-Loop Overhead Line Emulator for Active Pantograph Testing. IEEE Transactions on Industrial Electronics, 2009, 56, 4071-4078.	7.9	53
17	The Inductance Set Design in Wide Bandwidth Multiswitching Converters. , 2006, , .		2