

Iulian Munteanu

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

498
citations

933447

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h-index

1199594

12
g-index

16
all docs

16
docs citations

16
times ranked

448
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of variable speed wind power systems based on a LQG approach. Control Engineering Practice, 2005, 13, 903-912.	5.5	157
2	Adaptive MPPT Applied to Variable-Speed Microhydropower Plant. IEEE Transactions on Energy Conversion, 2013, 28, 34-43.	5.2	74
3	Hardware-in-the-Loop-based Simulator for a Class of Variable-speed Wind Energy Conversion Systems: Design and Performance Assessment. IEEE Transactions on Energy Conversion, 2010, 25, 564-576.	5.2	71
4	LQG Optimal Control Applied to On-Board Energy Management System of All-Electric Vehicles. IEEE Transactions on Control Systems Technology, 2015, 23, 1427-1439.	5.2	33
5	Output power maximization of low-power wind energy conversion systems revisited: Possible control solutions. Energy Conversion and Management, 2010, 51, 305-310.	9.2	28
6	Hardware-in-the-loop simulation applied to protection devices testing. International Journal of Electrical Power and Energy Systems, 2014, 54, 55-64.	5.5	26
7	Energy Management System within Electric Vehicles Using Ultracapacitors: An LQG-optimal-control-based Solution. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 229-234.	0.4	19
8	Hardware-in-the-loop testing of PV control systems using RT-Lab simulator. , 2010, , .		18
9	Management and Control of Operating Regimes of Cross-Flow Water Turbines. IEEE Transactions on Industrial Electronics, 2011, 58, 1866-1876.	7.9	18
10	Operation of Grid-Connected Cross-Flow Water Turbines in the Stall Region by Direct Power Control. IEEE Transactions on Industrial Electronics, 2011, 58, 1132-1140.	7.9	16
11	Real-time replication of a stand-alone wind energy conversion system: Error analysis. International Journal of Electrical Power and Energy Systems, 2014, 55, 562-571.	5.5	15
12	Optimal control of wind energy conversion systems: From energy optimization to multi-purpose criteria - A short survey. , 2008, , .		9
13	Unitary power control strategy for low-power wind energy conversion system using active speed stall control for full-load regime. IET Renewable Power Generation, 2014, 8, 696-706.	3.1	6
14	Real-time Physical Simulation of Wind Energy Conversion Systems. , 2010, , .		4
15	PHIL simulation for validating power management strategies in all-electric vehicles. , 2013, , .		3
16	Low-Power Wind Energy Conversion Systems: Generation Configurations and Control Objectives. Energy Systems, 2013, , 773-803.	0.5	1