Diego Feroldi

List of Publications by Year
in descending order

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28 papers	885 citations	840776 11 h-index	839539 18 g-index
30 all docs	30 docs citations	30 times ranked	891 citing authors

#	Article	IF	Citations
1	Multivariable Control Structure Design for Voltage Regulation in Active Distribution Networks. IEEE Latin America Transactions, 2022, 20, 839-847.	1.6	5
2	Optimal Operation for the IEEE 33 Bus Benchmark Test System With Energy Storage. , 2021, , .		3
3	Energy Management via Passivity-Based Control for Battery/Supercapacitor Electric Vehicles. , 2020, , .		0
4	Integration of sizing and energy management based on economic predictive control for standalone hybrid renewable energy systems. Renewable Energy, 2019, 140, 436-451.	8.9	103
5	Control predictivo aplicado a un proceso de producciÃ³n continua de biodiÃ©sel. RIAI - Revista Iberoamericana De Automatica E Informatica Industrial, 2019, 16, 296.	1.0	1
6	Energy Management Strategy for a Bioethanol Isolated Hybrid System: Simulations and Experiments. Energies, 2018, 11, 1362.	3.1	6
7	Energy management strategy for fuel cell-supercapacitor hybrid vehicles based on prediction of energy demand. Journal of Power Sources, 2017, 360, 419-433.	7.8	98
8	Sizing for fuel cell/supercapacitor hybrid vehicles based on stochastic driving cycles. Applied Energy, 2016, 183, 645-658.	10.1	93
9	Identification of PEM fuel cells based on support vector regression and orthonormal bases. , 2016, , .		0
10	Sizing and energy management for fuel cell hybrid vehicles with supercapacitors. , 2015, , .		0
11	Energy management strategy based on receding horizon for a power hybrid system. Renewable Energy, 2015, 75, 550-559.	8.9	26
12	Sizing methodology for hybrid systems based on multiple renewable power sources integrated to the energy management strategy. International Journal of Hydrogen Energy, 2014, 39, 8609-8620.	7.1	68
13	Energy management of a hybrid system based on windâ€“solar power sources and bioethanol. Chemical Engineering Research and Design, 2013, 91, 1440-1455.	5.6	51
14	Improvements on hydrogen production efficiency based on switching multiple renewable power sources. Computer Aided Chemical Engineering, 2012, 30, 342-346.	0.5	0
15	Experimental model for a DMC-based control applied to a PEM fuel cell. , 2012, , .		0
16	Hydrogen production based on bio-ethanol and solar energy for feeding PEM fuel cells. , 2012, , .		3
17	Description of PEM Fuel Cells System. Green Energy and Technology, 2012, , 49-72.	0.6	17
18	Fault Diagnosis and Fault Tolerant Control of PEM Fuel Cell Systems. Green Energy and Technology, 2012, , 185-206.	0.6	3

#	Article	IF	Citations
19	Fuel Cell Hybrid Systems. Green Energy and Technology, 2012, , 207-232.	0.6	0
20	Advanced Control Strategies for the Oxygen in the Cathode. Green Energy and Technology, 2012, , 73-116.	0.6	0
21	Dynamic Modeling and Control of a Fuel Cell Hybrid Vehicle with Onboard Fuel Processor. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 565-570.	0.4	1
22	Adaptive predictive robust control for fuel cells hybrid vehicles. , 2010, , .		3
23	Design and Analysis of Fuel-Cell Hybrid Systems Oriented to Automotive Applications. IEEE Transactions on Vehicular Technology, 2009, 58, 4720-4729.	6.3	79
24	Energy Management Strategies based on efficiency map for Fuel Cell Hybrid Vehicles. Journal of Power Sources, 2009, 190, 387-401.	7.8	149
25	Model-based fault diagnosis in PEM fuel cell systems. Journal of Power Sources, 2009, 192, 216-223.	7.8	113
26	Fault-Tolerant MPC Control of PEM Fuel Cells. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 11112-11117.	0.4	8
27	Performance improvement of a PEMFC system controlling the cathode outlet air flow. Journal of Power Sources, 2007, 169, 205-212.	7.8	50
28	Performance of diagonal control structures at different operating conditions for polymer electrolyte membrane fuel cells. Journal of Power Sources, 2006, 158, 1317-1323.	7.8	5