

Hugo Mi Pousinho

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,878
citations

304602

22
h-index

501076

28
g-index

40
all docs

40
docs citations

40
times ranked

1580
citing authors

#	ARTICLE	IF	CITATIONS
1	Short-term wind power forecasting in Portugal by neural networks and wavelet transform. <i>Renewable Energy</i> , 2011, 36, 1245-1251.	4.3	258
2	Hybrid Wavelet-PSO-ANFIS Approach for Short-Term Electricity Prices Forecasting. <i>IEEE Transactions on Power Systems</i> , 2011, 26, 137-144.	4.6	214
3	A hybrid PSO-ANFIS approach for short-term wind power prediction in Portugal. <i>Energy Conversion and Management</i> , 2011, 52, 397-402.	4.4	145
4	Hybrid Wavelet-PSO-ANFIS Approach for Short-Term Wind Power Forecasting in Portugal. <i>IEEE Transactions on Sustainable Energy</i> , 2010, , .	5.9	110
5	Short-term electricity prices forecasting in a competitive market by a hybrid PSO-ANFIS approach. <i>International Journal of Electrical Power and Energy Systems</i> , 2012, 39, 29-35.	3.3	91
6	Stochastic coordination of joint wind and photovoltaic systems with energy storage in day-ahead market. <i>Energy</i> , 2017, 124, 310-320.	4.5	87
7	Hydro energy systems management in Portugal: Profit-based evaluation of a mixed-integer nonlinear approach. <i>Energy</i> , 2011, 36, 500-507.	4.5	78
8	Optimal hydro scheduling and offering strategies considering price uncertainty and risk management. <i>Energy</i> , 2012, 37, 237-244.	4.5	77
9	An Artificial Neural Network Approach for Short-Term Wind Power Forecasting in Portugal. , 2009, , .		69
10	Hybrid intelligent approach for short-term wind power forecasting in Portugal. <i>IET Renewable Power Generation</i> , 2011, 5, 251.	1.7	69
11	Scheduling of head-dependent cascaded hydro systems: Mixed-integer quadratic programming approach. <i>Energy Conversion and Management</i> , 2010, 51, 524-530.	4.4	64
12	Self-scheduling for energy and spinning reserve of wind/CSP plants by a MILP approach. <i>Energy</i> , 2014, 78, 524-534.	4.5	59
13	Short-term electricity prices forecasting in a competitive market by a hybrid intelligent approach. <i>Energy Conversion and Management</i> , 2011, 52, 1061-1065.	4.4	56
14	A risk-averse optimization model for trading wind energy in a market environment under uncertainty. <i>Energy</i> , 2011, 36, 4935-4942.	4.5	53
15	Mixed-integer nonlinear approach for the optimal scheduling of a head-dependent hydro chain. <i>Electric Power Systems Research</i> , 2010, 80, 935-942.	2.1	45
16	Bidding strategy of wind-thermal energy producers. <i>Renewable Energy</i> , 2016, 99, 673-681.	4.3	44
17	Scheduling of head-dependent cascaded reservoirs considering discharge ramping constraints and start/stop of units. <i>International Journal of Electrical Power and Energy Systems</i> , 2010, 32, 904-910.	3.3	39
18	Optimal Offering Strategies for Wind Power Producers Considering Uncertainty and Risk. <i>IEEE Systems Journal</i> , 2012, 6, 270-277.	2.9	38

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19	Bilevel approach to wind-CSP day-ahead scheduling with spinning reserve under controllable degree of trust. <i>Renewable Energy</i> , 2016, 85, 917-927.	4.3	38
20	Bidding and Optimization Strategies for Wind-PV Systems in Electricity Markets Assisted by CPS. <i>Energy Procedia</i> , 2016, 106, 111-121.	1.8	36
21	Self-scheduling and bidding strategies of thermal units with stochastic emission constraints. <i>Energy Conversion and Management</i> , 2015, 89, 975-984.	4.4	34
22	A stochastic programming approach for the development of offering strategies for a wind power producer. <i>Electric Power Systems Research</i> , 2012, 89, 45-53.	2.1	33
23	Decision making for sustainable aggregation of clean energy in day-ahead market: Uncertainty and risk. <i>Renewable Energy</i> , 2019, 133, 692-702.	4.3	33
24	Scheduling of a hydro producer considering head-dependency, price scenarios and risk-aversion. <i>Energy Conversion and Management</i> , 2012, 56, 96-103.	4.4	23
25	Neural Networks and Wavelet Transform for Short-Term Electricity Prices Forecasting. , 2009, , .		20
26	Application of adaptive neuro-fuzzy inference for wind power short-term forecasting. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2011, 6, 571-576.	0.8	17
27	Mixed-Integer Nonlinear Programming Approach for Short-Term Hydro Scheduling. <i>IEEE Latin America Transactions</i> , 2010, 8, 658-663.	1.2	12
28	Short-term optimal scheduling of a price-maker hydro producer in a pool-based day-ahead market. <i>IET Generation, Transmission and Distribution</i> , 2012, 6, 1243-1251.	1.4	11
29	Wind power short-term prediction by a hybrid PSO-ANFIS approach. , 2010, , .		6
30	Operations planning of a hydro producer acting as a price-maker in an electricity market. , 2012, , .		4
31	Hybrid neuro-fuzzy evolutionary approach for short-term wind power forecasting. , 2012, , .		3
32	Intelligent approach for forecasting in power engineering systems. , 2012, , .		3
33	Profit-based head-sensitive behavior of a hydro Chain: Mixed-integer nonlinear method. , 2009, , .		2
34	Price-maker strategies of a hydro producer in a day-ahead electricity market. , 2012, , .		2
35	Stochastic Emission Constraints on Unit Commitment. <i>Procedia Technology</i> , 2014, 17, 437-444.	1.1	2
36	Mixed-integer nonlinear programming for head-dependent short-term hydro scheduling. , 2009, , .		1

#	ARTICLE	IF	CITATIONS
37	Optimal offering strategies to the day-ahead market by a wind power producer. , 2011, , .		1
38	Hybrid Evolutionary Neuro-fuzzy Computational Tool to Forecast Wind Power and Electricity Prices. International Federation for Information Processing, 2012, , 321-328.	0.4	1
39	Wavelet-neuro-fuzzy approach for predicting short-term electricity prices in a competitive market. , 2010, , .		0
40	Offer strategy for a wind power producer in day-ahead market. , 2015, , .		0