

# J Pereira

## List of Publications by Year in descending order

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27  
papers

623  
citations

933410

10  
h-index

1058452

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27  
all docs

27  
docs citations

27  
times ranked

617  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distribution Systems Reconfiguration Based on OPF Using Benders Decomposition. IEEE Transactions on Power Delivery, 2009, 24, 2166-2176.	4.3	157
2	Reconstructing Missing Data in State Estimation With Autoencoders. IEEE Transactions on Power Systems, 2012, 27, 604-611.	6.5	82
3	Artificial immune algorithm applied to distribution system reconfiguration with variable demand. International Journal of Electrical Power and Energy Systems, 2016, 82, 561-568.	5.5	63
4	Advanced control and management functionalities for multi- $\mu$ microgrids. European Transactions on Electrical Power, 2011, 21, 1159-1177.	1.0	54
5	Load allocation in DMS with a fuzzy state estimator. IEEE Transactions on Power Systems, 2000, 15, 529-534.	6.5	52
6	State estimation in distribution smart grids using autoencoders. , 2014, , .		34
7	State Estimation Based on Correntropy: A Proof of Concept. IEEE Transactions on Power Systems, 2009, 24, 1888-1889.	6.5	26
8	Towards an Auto-Associative Topology State Estimator. IEEE Transactions on Power Systems, 2013, 28, 3311-3318.	6.5	25
9	An Improved Fuzzy Inference System for Voltage/VAR Control. IEEE Transactions on Power Systems, 2007, 22, 2013-2020.	6.5	21
10	Exploiting autoencoders for three-phase state estimation in unbalanced distributions grids. Electric Power Systems Research, 2015, 123, 108-118.	3.6	18
11	Identification of operation strategies of distribution networks using a simulated annealing approach. , 0, , .		14
12	Comparison of approaches to identify topology errors in the scope of state estimation studies. , 0, , .		11
13	Distribution Optimal Power Flow. , 2007, , .		11
14	Reconfiguration of Radial Distribution Systems with Variable Demands Using the Clonal Selection Algorithm and the Specialized Genetic Algorithm of Chuâ€Beasley. Journal of Control, Automation and Electrical Systems, 2016, 27, 689-701.	2.0	10
15	A new interior point solver with generalized correntropy for multiple gross error suppression in state estimation. Electric Power Systems Research, 2019, 176, 105937.	3.6	10
16	A meta- $\mu$ heuristic approach to the unit commitment problem under network constraints. International Journal of Energy Sector Management, 2008, 2, 449-467.	2.3	7
17	Social welfare analysis of the Iberian electricity market accounting for carbon emission prices. IET Generation, Transmission and Distribution, 2010, 4, 231.	2.5	6
18	evolvDSO grid management tools to support TSO-DSO cooperation. , 2016, , .		6

#	ARTICLE	IF	CITATIONS
19	Distribution System Reconfiguration with variable demands using the Clonal selection Algorithm. , 2015, , .		4
20	Support at Decision in Electrical Systems of subtransmission through selection of Topologies by a Paraconsistent Simulator. IEEE Latin America Transactions, 2016, 14, 1993-1999.	1.6	4
21	A State Estimator for LV Networks: Results from the EvolvDSO Project. , 2016, , .		2
22	LV SCADA Project: in-Field Validation of a Distribution State Estimation Tool for LV Networks. , 2016, , .		2
23	Pseudo-Measurements Generation Using Energy Values from Smart Metering Devices. , 2016, , .		2
24	An Improved Fuzzy Inference System for Voltage/VAR Control. , 2007, , .		1
25	Most relevant measurements for state estimation according to information theoretic criteria. , 2014, , .		1
26	Component technology for modeling power networks in an integrated DMS. , 2005, , .		0
27	529: Failed Back Surgery Syndrome. Regional Anesthesia and Pain Medicine, 2008, 33, e210-e210.	2.3	0