Michiel Nijhuis

List of Publications by Year
in descending order

11 papers	311 citations	1039406 9 h-index	1372195 10 g-index
11 all docs	11 docs citations	11 times ranked	394 citing authors

#	Article	IF	Citations
1	Bottom-up Markov Chain Monte Carlo approach for scenario based residential load modelling with publicly available data. Energy and Buildings, 2016, 112, 121-129.	3.1	57
2	Variance-Based Global Sensitivity Analysis for Power Systems. IEEE Transactions on Power Systems, 2018, 33, 1670-1682.	4.6	51
3	Assessment of the impacts of the renewable energy and ICT driven energy transition on distribution networks. Renewable and Sustainable Energy Reviews, 2015, 52, 1003-1014.	8.2	49
4	Gaussian Mixture Based Probabilistic Load Flow For LV-Network Planning. IEEE Transactions on Power Systems, 2017, 32, 2878-2886.	4.6	36
5	Integrating Direct and Indirect Load Control for Congestion Management in LV Networks. IEEE Transactions on Smart Grid, 2019, 10, 741-751.	6.2	36
6	Demand Response: Social Welfare Maximization in an Unbundled Energy Market Case Study for the Low-Voltage Networks of a Distribution Network Operator in The Netherlands. IEEE Transactions on Industry Applications, 2017, 53, 32-38.	3.3	26
7	Stochastic Residential Harmonic Source Modeling for Grid Impact Studies. Energies, 2017, 10, 372.	1.6	21
8	Bayesian-Inference-Based Voltage Dip State Estimation. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 2977-2987.	2.4	16
9	Prediction of power fluctuation classes for photovoltaic installations and potential benefits of dynamic reserve allocation. IET Renewable Power Generation, 2014, 8, 314-323.	1.7	10
10	Riskâ€based framework for the planning of lowâ€voltage networks incorporating severe uncertainty. IET Generation, Transmission and Distribution, 2017, 11, 419-426.	1.4	5
11	Classification technique to quantify the significance of partly cloudy conditions for reserve requirements due to photovoltaic plants. , 2011, , .		4