International and national Refereed Conference Papers

Submitted:

Accepted:
1. Ahmed Elsayed; Tarek Youseff and Osama Mohammed, "Modelling and control of a Low Speed Flywheel Driving System for Pulsed Load Mitigation in DC Distribution Networks" 2015 IEEE IAS Meeting, October 2015
5. Mehmet H. Cintuglu; Ricardo de Azevedo; Tan Ma and Osama Mohammed "Real-time experimental analysis for protection and control of Smart Substations" Innovative Smart Grid Technologies Latin America (ISGT LA), October, 2015
6. Mehmet H. Cintuglu; and Osama Mohammed "Multiagent-based decentralized operation of microgrids considering data interoperability" International Conference on Smart Grid Communications, November, 2015
8. Tan Ma ; Mehmet H. Cintuglu; and Osama Mohammed "Control of Hybrid AC/DC Microgrid Involving Storage, Renewable energy and Pulsed loads" Intelligent System Applications to Power Systems (ISAP), September, 2015

Published:


24. Farhadi, M.; Mohammed, O., "Experimental study on the effects of the pulse load characteristics on the performance of the slack bus generator," in Electrical Machines and


27. Tan Ma, O. A. Mohammed, "Laboratory Scaled Plug-in Electric Vehicles Car Park Infrastructure Emulator Design", by iCEER 2014, Ontario, Canada


38. Mustafa Farhadi and Osama Mohammed, "Adaptive Energy Management of Hybrid DC Microgrids Featuring Ultracapacitors and Voltage Protection Scheme with Hardware
Implementation”, Presented at the International Smart Grid Conference & Exhibition, ISGC&E, Jeju Island, Korea, July 2013


43. Tan Ma, Osama Mohammed, "Real-Time Plug-In Electric Vehicles Charging Control for V2G Frequency Regulation", presented at the IEEE, IECON 2013, Vienna, Austria, and for publication in the conference proceedings


64. A. Mohamed, V. Salehi and Osama Mohammed, “Reactive Power Compensation in Hybrid AC/DC Networks for Smart Grid Applications,” in Proc. of Innovative Smart Grid Technologies Conf., ISGT Europe 2012, Berlin, Germany, October 14-17, 2012.


108. Nejadpak, A.; Mirafzal, B.; Mohammed, O.; Lixiang Wei "Effects of different switching algorithms on the thermal behavior of IGBT modules under pulse-load conditions," IECON


175. O. A. Mohammed, S. Liu, and Z. Liu, "Simulation of a Speed Regulation System Using Finite Element Motor Model," proceedings of the Second LACCEI International Latin American and


223. Üler, G.F.; Mohammed, O.A. "Utilizing genetic algorithms for the optimal design of electromagnetic devices," SoutheastCon '95. 'Visualize the Future', Proceedings., IEEE , pp.92-95, 26-29 Mar 1995,


