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### Papers in Journals

1. 2. Soheil Ranjbar, Ameena S. Al , Sumaiti, Reza Sangrody, Young , Ji Byon and Mousa Marzband, Dynamic Clustering Model Reduction Scheme for Damping Control of Large Power Systems Using TCSC-based Damping Controller from WAMS Data, International Journal of Electrical Power and Energy Systems (EPES), 2021 04 21.
2. Abdollah Hosseinzadeh, Alireza Zakariazadeh, Soheil Ranjbar, Fast Restoration of Microgrids Using Online Evaluation Metrics Considering Severe Windstorms, Sustainable Energy, Grids and Networks, 2021 06 19.
3. Seyyed Hamid Hosseini, Masoud Radmehr and Soheil Ranjbar, Central Damping Controller for Microgrid Voltage and Frequency Dynamic Stability Using Adaptive Artificial Neural Network, Journal of Control, Automation and Electrical Systems, 2021 04 23.
4. Sahar Roudi, Reza Ebrahimi, Mahmood Ghanbari, Soheil Ranjbar, Virtual generator-based damping controller for microgrids with low inertia resources based on energy storage systems, International Transactions on Electrical Energy Systems, March 2021, 2021 03 14.
5. Iman Sepehrirad, Reza Ebrahimi, Esmaeil Alibeiki, Soheil Ranjbar, Intelligent Differential Protection Scheme for Controlled Islanding of Microgrids based on Decision Tree Technique, Journal of Control, Automation and Electrical Systems (JCAE), 2020 04 16.
6. Masoud Rezaee, Mahmoud Samiei Moghadam and Soheil Ranjbar, Online estimation of power system separation as controlled islanding scheme in the presence of inter-area oscillations, Sustainable Energy, Grids and Networks, 2020 03 09.
7. Soheil Ranjbar, Mohammad Reza Aghamohammadi and Farhad Haghjoo, Damping Inter- Area Oscillation in Power Systems Using Local PSSs based on Global Control Signals, Tabriz Journal of Electrical Engineering (TJEE), ۲۰۱۷ ۰۹ ۱۹.
8. 8. Soheil Ranjbar, Mohammad Reza Aghamohammadi and Farhad Haghjoo, A New Scheme of WADC for Damping Inter-Area Oscillation based on CART Technique and Thevenine Impedance, International Journal of Electrical Power and Energy Systems (EPES), 2018 01 01.
9. Turaj Amraee, Soheil Ranjbar, Transient Instability Prediction Using Decision Tree Technique, IEEE Transactions on Power Systems, 2013 08 19.