

### **Dr.C.Subramani – Publications**

1. S.Raghuraman, Subramani, C. S.S.Dash “A modified whale optimization algorithm based adaptive fuzzy logic PID controller for load frequency control of autonomous power generation systems”, *Automatika: Journal for Control, Measurement, Electronics, Computing and Communications*, 58(4), pp: 410–421, May 2018 (SCIE)
2. Krithika V, Subramani, C. “ A Comprehensive Review on Choice of Hybrid Vehicles and Power Converters, Control Strategies for Hybrid Electric Vehicles *International Journal of Energy Research.*, 42(5), pp: 1789-1812, April 2018, (SCIE)
3. Subramani C and K.R.Ramanand. “A Brief Review on Electric Spring: Analysis, Control and Applications” *Journal of Circuits, Systems, and Computers*” Vol. 27, No. 5, May 2018 (SCIE)
4. Subramani Chinnamuthu, C. Vimala, A. A. Jimoh, Adedayo Ademola Yusuff., ‘Applications of wavelet transform on power engineering problems — A brief review’”, *International Journal of Wavelets, Multiresolution and Information Processing.* 15(3), 2017 (DOI: 10.1142/S0219691317300018) (SCIE)
5. S Iro, Zaharaddeen ; C, Subramani; T, Kesavan; Sundramoorthy. "MnO<sub>2</sub> nanorods/SiO<sub>2</sub> sphere coated on single-wall carbon nanotubes as supercapacitor electrode for high energy storage applications" , *Materials Research Express*, 4 - 124004, 2017,(SCIE)
6. Raghuraman Sivalingam, Subramani Chinnamuthu, Subhransu Sekhar Dash, “ A hybrid stochastic fractal search and local Unimodal sampling based multistage PDF plus (1+PI) controller for automatic generation control of power systems”, *Journal of the Franklin Institute (Elsevier)*, 12, pp. 4762-4783; 2017 (SCIE)
7. S.Usha, C. Subramani, “An Experimental Fault Analysis and Speed Control of an Induction Motor using Motor Solver”, *Journal of Electrical Engineering and Technology*, Volume 12, Number 2, 2017, pp 761-768 (SCIE)
8. Geetha, A., Subramani, C, “A comprehensive review on energy management strategies of hybrid energy storage system for electric vehicles” *International Journal of Energy Research*, 41: 2017, pp: 1817–1834 (SCIE)
9. G. Prakash, C. Subramani, C. Bharatiraja, Mohammad Shabin, A low cost single phase grid connected reduced switch PV inverter based on Time Frame Switching Scheme, *International Journal of Electrical Power & Energy Systems (Elsevier)*, 77, 2016, pp: 100–111 (SCIE)
10. Zaharaddeen S. Iro, C. Subramani, S.S. Dash, “A Brief Review on Electrode Materials for Supercapacitor”, *International Journal of Electrochemical Sciences*, Volume 11, 2016, pp 10628-10643 (SCIE)
11. Panda, S., Kiran, S.H, Dash, S.S., Subramani, C. A PD-type Multi Input Single Output SSSC damping controller design employing hybrid improved differential evolution-pattern search approach, *Applied Soft Computing Journal (Elsevier)* Volume 32, pp: 532-543, July 2015 (SCIE)
12. Chandra Babu PADUCHURI, Subhransu Sekhar DASH, C.Subramani, S.Harishkiran, “An Efficient Control Strategy based Multi Converter UPQC using with Fuzzy Logic Controller for Power Quality Problems”, *Journal of Electrical Engineering and Technology*, Vol.10 (1), pp: 379-387, 2015 (SCIE)
13. Paduchuri Chandra Babu, C.Subramani, Ramazan Bayındır, S.S Dash, Mihir Narayan Mohanty , A new control strategy with fuzzy logic technique in the distribution system for

power quality issues, International Journal of Renewable Energy Research, Volume 5, Issue 1, 2015, Pages 287-293 (ESCI)