

## Dr.C.Subramani

### Journal Publication

1. **Dr.C.Subramani**, S Usha. A Geetha, TMT Thendral, , M.Venkatesan, “Mitigation of common mode voltage in five phase multilevel inverter “Materials Today Proceedings, 2020
2. **Dr.C.Subramani** , A Geetha, , “ An idea for students project work : Energy management in hybridization of energy sources for transportation application” the international journal of Electrical Engineering & Education, Volume 9, Issue 3, Pages 253-271,2020
3. **Dr.C.Subramai**, S.Usha “An energy efficient induction motor design for performance intensification using magnet software” International Transaction on Elctrical Energy Systems, Volume 30, Issue 4, Pages 12306,2020
4. **Dr.C.Subramani**, G.Praksah, C.Vimala, TM Thamizh Temdral, “ Implementation of smart systems for home security systems” Solid state technology volume 63, Issue 3 , Pages 396-399, 2020
5. **Dr.C.Subramani**, S. Surenderanath, C. Vimala, A Geetha “ Methodology of an RFID based Attendance Management System” Solid State Technology, Volume 63, Issue 3, Pages 384-386, 2020
6. **Dr.C.Subramai** TM Thamizh Temdral, S.Usha, A Geetha, , Archana Arun, “ Automated Plant Watering System, Solid sate Technology, volume 63, Issue 3, Pages 524-528,2020
7. **Dr.C Subramani** , A Geetha , , “ Development of driving cycle under real world traffic conditions: a case study” International Journal of Electrical and Computer Engineering “ Volume 9 Issue 6 , Pages 4798, 2019
8. **Dr.C.Subramani** , A Geetha, , “A Significant energy management control strategy for a hybrid source EV “ International Journal of Electrical & Computer Engineering, Volume 9, 2019
9. **Dr.Subramani, .C**, S.Raghuraman,. S.S.Dash “A modified whale optimization algorithm based adaptive fuzzy logic PID controller for load frequency control of autonomous power generation systems”, Automatic: Journal for Control, Measurement, Electronics, Computing and Communications, 58(4), pp: 410–421, May 2018 (SCIE)

10. **Dr.Subramani, C**, Krithika V, “ 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)
11. **Dr.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)
12. **Dr.Subramani Chinnamuthu**, 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)
13. **Dr.C.Subramani**, S Iro, Zaharaddeen ;; 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)
14. **Dr.Subramani Chinnamuthu**, RaghuramanSivalingam, , SubhransuSekhar 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)
15. **Dr.C.Subramani**, S.Usha, , “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)
16. **Dr.Subramani.C**, Geetha, A., , “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)
17. **Dr.C. Subramani**, G. Prakash, 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)
18. **Dr.C. Subramani**, Zaharaddeen S. Iro, S.S. Dash, “A Brief Review on Electrode Materials for Supercapacitor”, International Journal of Electrochemical Sciences, Volume 11, 2016, pp 10628-10643 (SCIE)

19. **Dr.Subramani, C**, Panda, S., Kiran, S.H, Dash, S.S.,. 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)
20. **Dr.C.Subramani**, Chandra Babu PADUCHURI, Subhransu Sekhar DASH, , 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)
21. **Dr.C.Subramani**, Paduchuri Chandra Babu, , Ramazan Bayindir, 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)
22. **Dr.Subramani Chinnamuthu**, Rajasekaran Dharmalingam, Subhransu Sekhar Dash, , “Power Quality Improvement by Unified Power Quality Conditioner Based on CSC Topology Using Synchronous Reference Frame Theory,” The Scientific World Journal, vol. June 2014, pp:1-7 (SCIE on 2014)
23. **Dr.C.Subramani**, SubhransuSekhar Dash, M Arunbhaskar and M Jagadeeshkumar “Stability Index Based Voltage Collapse Prediction and Contingency Analysis” Journal of Electrical Engineering and Technology, Volume 4, Number 4, 2009, pp 438-442. (SCIE)