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LIST OF PUBLICATIONS

1. D. Sivakumar, **A. Amudha**, **K. Balachander**, M. Siva Ramkumar: (2019), "Implementation of Harmonic Mitigation of Grid Connected Modified MLI for Variable-Speed Wind Energy Conversion System", Mathematical and Computational Forestry & Natural-Resource Sciences, Vol. 11(01), pp 223-230.
2. Muthukumar. K, **Dr. A. Amudha** and Dr. V. Gomathy A: (2019) "Hybrid Topology for Feature Extraction and Classification of Vision Based Hand Gesture Recognition", Journal of Advanced Research in Dynamical and Control Systems, 11(4S), 761-769.
3. G. Ravivarman, **Dr. A. Amudha**: (2019) "A Single Stage ZVS PFC Converter with minimized Losses and High-Power Factor", Journal of Advanced Research in Dynamical and Control Systems, 11(3S), 1067-1072.
4. **Dr. A. Amudha**: (2017) "Home Automation using IoT", International Journal of Electronics Engineering Research. 09(06), 939-944.
5. **A.Amudha**, S. Selvaperumal, P. NedumalPugazhenthithi : (2017) "Closed Loop Performance Investigation of Various Controllers Based Chopper for DC Drive in Marine Applications", Indian Journal of Geo Marine Sciences, 46 (05).
6. Balachander Kalappan, **A. Amudha**& K. Keerthivasan (2020): "Technoeconomic study of hybrid renewable energy system of Metropolitan Cities in India", Tyler and Francis – International Journal of Ambient Energy, DOI: 10.1080/01430750.2019.1708791
7. Dr. K. Balachander, **Dr. A. Amudha**, Dr. M. Venkatesan, Dr. A. NagamaniPrabhu, R. Sundar: (2020) "Energy Efficient Measures in Textile Mill", Test Engineering and Management, Vol. 82, pp. 6233 – 6239.
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9. M. Sivaramkrishnan, **Dr.A. Amudha** and Dr.M. Siva Ramkumar “Modulation Techniques of the Matrix Converter Using RSV” in Journal of Advanced Research in Dynamical and Control Systems, 11(12) pp: 1041-1053 (Scopus Indexed)DOI: 10.5373/JARDCS/V11SP12/20193310
10. P. Sivakumar, M.SivaRamkumar, **A. Amudha**, K. Balachander, D. Kavitha “A Single Stage Three Phase Inverter Based On Cuk Converter For Pv Application” Mathematical and Computational Forestry & Natural-Resource Sciences (MCFNS); Vol 11, No 1: pp 9-13 MCFNS(Scopus,E-SCI ,WEB OF SCIENCE Indexed)
11. S.Vivekanandan, M. Siva Ramkumar, **Dr.A.Amudha**, M. SivaramKrishan, D. Kavitha “Design and Implementation of Series Z-Source Matrix Converters” Journal of Advanced Research in Dynamical and Control Systems, 10(5) ,pp 1095-1102 (Scopus Indexed)
12. M. Siva RamKumar, **Dr.AAmudha**, R.Rajeev “Optimization For A Novel Single Switch Resonant Power Converter Using GaTo Improve Mppt Efficiency Of Pv Applications” in International Journal of Applied Engineering Research (IJAER) 11(9) pp 6485-6488 . (Scopus Indexed)
13. S. Divyapriya, S. Mohanraj, **Dr.A. Amudha**, Dr.G. Emayavaramban, Dr.Viyathukattuva and Dr.M. SivaRamkumar “Technical and Economical Analysis of Power Management System for Electric and Hydrogen Vehicles Charging Station Using Solar Powered, Hydrogen and Fuel Cell Technology” International Journal of Psychosocial Rehabilitation, Vol. 23, Issue 04,2019.
14. S. Divyapriya, B. Lalitha, **Dr.A. Amudha**, Dr.G. Emayavaramban, Dr.Viyathukattuva, Dr.M. SivaRamkumar and M. Nivetha “Design, Analysis and Application of Dynamic Wireless Power Transfer Technique at High Switching Frequency for a Electric Vehicle Battery Chargers” International Journal of Psychosocial Rehabilitation, Vol. 23, Issue 04,2019.
15. S. Divyapriya, **A. Amudha**, R Vijayakumar “Automatic Frequency Response for AutonomousDistributed V2G (Vehicle-to-Grid) Using IoT Technology” Journal of Electrical Engineering19(1),2018.
16. S. Divyapriya, **A. Amudha**, R. Vijayakumar “Design and Implementation of Grid Connected Solar/Wind/Diesel Generator Powered Charging Station for Electric Vehicles with Vehicle toGrid Technology Using IoT”, Current Signal Transduction Therapy Research article 13(1),2018.
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18. Emayavaramban, G; **Amudha, A**; Rajendran, T; Sivaramkumar, M; Balachandar, K; Ramesh, T;“Identifying user suitability in semg based hand prosthesis using neural networks”, Current SignalTransduction Therapy, 158-164, 2019, Bentham Science Publishers.Fang, Shao; Hussein, Ahmed Faeq;