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AREA OF SPECIALIZATION: Power Quality, Power converters, Renewable energy systems

PUBLICATION UPLOAD (LAST 5 YEARS PUBLICATION LISTS)

1. B. V. Manikandan, **V. Jayasankar**, S. Rajesh Babu, “Study on Suitability of controllers for D-STATCOM for enhancing Power Quality” Solid State Technology, Vol. 62, No. 2, (2019).
2. Jawahar Marimuthu, **Jayasankar V**, Karthik Kumar K, Edward Rajan S, “Efficiency enhancement of solar PV powers micro-integrated high frequency isolated vehicle battery charging converter”, International Journal of Power Electronics and Drive System (IJPEDS) Vol. 10, No. 2, June 2019, pp. 953 to 960.
3. Alagammal S , Jawahar M , **Jayasankar V**, “Design and Simulation Analysis of 3 ϕ to 3 ϕ Matrix Converter using Modified Hysteresis Current Controller” International Journal of Pure and Applied Mathematics, Vol. No.118, Issue No. 22, Page No. 1575-1580.
4. **Jayasankar V** , “Trends in renewable energy sources for Smart Grids and Micro Grids” Indian Journal of Science and Research, Vol. 17(2): 50-55, 2018.