

LIST OF PUBLICATIONS

1. S. Jayanthi, N. Stalin, and S. Sutha 2017, "Internet Of Things (IoT) Based Generous Transformational Optimization Algorithm (GTOA) For Hybrid Renewable Energy System Synchronization And Status Monitoring", International Journal of Wireless Personal Communications, Accepted for Publications Dated 18-Dec-2017. SCIE, Scopus Indexed, IF = 0.951
2. AL. Mayilvahanan, N. Stalin, and S. Sutha 2017 "Improving Solar Power Generation And Defects Detection Using A Smart IoT System For Sophisticated Distribution Control (SDC) And Independent Component Analysis (ICA) Techniques", International Journal of Wireless Personal Communications Accepted for Publications Dated Dec 14, 2017. SCIE, Scopus Indexed, IF = 0.951
3. S. Jayanthi , N. Stalin, and S. Sutha 2017, "Augmented Blossom Fertilization Algorithm Based Optimization for Isolated Power Systems" International Journal of Computational and Theoretical Nanoscience Vol. 14, 5963–5971, 2017. SCIE, Scopus Indexed, IF = 1.42
4. AL. Mayilvahanan, N. Stalin, and S. Sutha, 2017, "Performance Enhancement of Photovoltaic Systems Using Dynamic Rule Soft Switching Controller Based Maximum Power Point Tracker" International Journal of Computational and Theoretical Nanoscience Vol. 14, 5215–5225, 2017. SCIE, Scopus Indexed, IF = 1.42.
5. G. Chitrakala, N. Stalin and V. Mohan, 2017, "A Novel Programmed Low Frequency PWM Method for Performance Enhancement of Single-Phase to Single-Phase Cycloconverter" CIIT International Journal Of Digital Image Processing Volume 9, No 2, February 2017 pp. 39-46. IF 0.652.
6. V. Mohan, G. Chitrakala, N. Stalin, 2017, " A Low Frequency PWM Based Multilevel DC-Link Inverter with Cascaded Sources " International Journal of Asian Journal of Research in Social Sciences and Humanities Vol. 7, No. 1, January 2017, pp. 686-697. SJIF= 5.161.
7. N. Shobanadevi, V. Krishnamurty and N. Stalin, 2016 "Voltage Stress Analysis of cascaded Quasi Impedance Source Network Based DC/DC Converter Using SB Control" I J C T A, 9(25), 2016, pp. 633-646. Scopus Indexed, IF = 8.40.
8. Shobanadevi Nagarajan, Krishnamurty Venkatachalapathy, Stalin Narayanasamy 2016, " A Simple Boost Shoot through Control for Single phase Quasi ZSI DC-DC Converters

Based on Voltage Doubler Rectifier" International Journal of Przegląd Elektrotechniczny, ISSN 0033-2097, R. 91 Nr/2015. Scopus Indexed, IF =0.38.

9. Saravanan KK, Stalin N, Sree Renga Raja T 2016, "Design and Investigation of Grid Connected Current Source Inverter for Photovoltaic System", International Journal of Advanced Engineering Technology (Anna University recommended Journal: Updated List of Journals 2016), ISSN 0976-3945 vol. 7 no.2 pp.280-284. Scopus Indexed, IF = 3.43.

10. N. Shobanadevi, V. Krishnamurthy and N. Stalin, 2016 " PISB Control of Single Phase Cascaded Quasi ZSI DC-DC Converter" Middle-East Journal of Scientific Research 24(5): 1700-1707, 2016 ISSN 1990-9233. Scopus indexed, IF=0.36

11. Saravanan KK, Stalin N, Sree Renga Raja T 2016, "Design of Single-Phase Seven Level GridConnected Inverter Using Solar System ", Asian Journal of Research in Social Sciences and 3 Humanities.(Anna University recommended Journal: Updated List of Journals 2016,Accepted for publication in November 2016 Issue). Scopus Indexed, IF = 0.676.

12. Saravanan KK, Stalin N, Sree Renga Raja T 2016,"Simulation of New Multi-Input Three Level DC-DC Converter", Transylvanian Review. (Anna University recommended Journal: Annexure-I, Accepted for publication). Scopus Indexed, IF = 0.08.

13. Saravanan KK, Stalin N, Sree Renga Raja T 2016," Performance Analysis on Photo Voltaic System Stability for Grid Connected Load", Brazilian Archives of Biology and Technology –BABT.(Anna University recommended Journal: Annexure-I, Scopus Indexed, IF = 0.546.

14. Gajendran T and Stalin N, "Purification and flux decline of protein solution using series model through modified cellulose acetate ultra-filtration membrane" Research Journal of Chemistry and Environment, Vol. 19 (6) June (2015) Res. J. Chem. Environ Scopus Indexed, IF = 0.38.

15. Mohan, V, Stalin, N & Jeevananthan,S, 'A double random pulse width modulation based on discrete carrier frequencies and random pulse position for induction motor drives', International Journal of Applied Engineering Research, vol. 10, no. 51, pp. 479-484, 2015. Scopus Indexed, IF=1.8233.

16. V.Mohan, N.Stalin and S.Jeevananthan, "A Tactical Chaos based PWM Technique for Distortion Restraint and Power Spectrum Shaping in Induction Motor Drives", Intl. Journal of Power Electronics and Drive System,Vol.5, No.3, pp: 383 - 392, Feb 2015. Scopus Indexed, IF=1.08.

17. Saravanan KK , Stalin N 2015," Design of three Phase Fifteen level Cascaded Multilevel Inverter using Embedded Controller", International Journal of Applied Engineering Research (Anna University recommended Journal: Annexure-II, Version 2014.2), ISSN 0973-4562 vol.10 no.72 pp.437-443. Scopus Indexed, IF= 0.15.

18. Saravanan KK, Stalin N, Satthiyaraj S 2015,"Analysis of Fault-Current Limiting Scheme for the Micro grid", International Journal of Applied Engineering Research, ISSN 0973-4562 Vol.10 No.72 (2015), pp.269-274. Scopus Indexed, IF= 0.15.

19. Saravanan KK, Stalin N, Annandharaj R 2015,"Design and Analysis of Bidirectional Isolated LLC Resonant Converter", International Journal of Applied Engineering Research, ISSN 0973-4562 vol. 10 no.51, pp.330-335. Scopus Indexed, IF= 0.15.

20. Elankurisil SA, Saravanan KK, Stalin N ,Mahendra Peruman P 2015," Investigation on Full Bridge and Coupled Inductor ZVS DC-DC Converter Fed PMDC Motor", International Journal of Applied Engineering Research ISSN 0973-4562 volume 10, number 9, pp. 24407-24422. Scopus Indexed, IF= 0.15.

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N. Shobanadevi¹, V. Krishnamurthy and N. Stalin, 2016, "PISB Control of Single Phase Quasi Impedance Source DC-DC Converter" Indian Journal of Science and Technology, Vol 8(13), 55446, July 2015. ISSN (Online) : 0974-5645. Scopus, IF= 0.97.

INTERNATIONAL CONFERENCE

1.G. Chitrakala, N. Stalin and V. Mohan, 2017, "A Novel Programmed Low Frequency PWM Method for Performance Enhancement of Single-Phase to Single-Phase Cycloconverter" TEQIP II Sponsored International Conference conducted by PEC, Pondicherry, GOI.

2. KK.Sravanan, DR.N.Stalin. "Modelling and Analysis on Photo Voltaic System Stability for Grid Connected Load". 4th International Conference on Engineering Technology and Science, Namakkal, 2017.

3. KK.Sravanan, DR.N.Stalin. "Modelling and Simulation Analysis of Power Cables For Matrix Converter Fed Induction Motor Drive (MCIMD)". Modelling and Simulation Analysis of Power Cables For Matrix Converter Fed Induction Motor Drive (MCIMD), 2016.

4. KK.Sravanan, DR.N.Stalin. "Simulation of New Multi-Input Three Level DC-DC Converter". International Conference on Innovative Research in Electrical Sciences Nagapattinam, 2016.

5. KK.Sravanan, DR.N.Stalin. "Design & Analysis of Bidirectional isolated LLC resonant Converter". International Conference on Innovative Research in Electronics Engineering Sciences 2015 Nagapattinam, 2015.