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PUBLICATIONS

Papers in SCI Journals:

- 1.T. Arunkumari, V. Indragandhi “An overview of high voltage conversion ratio DC- DC converter configurations used in DC micro-grid architectures”, Renewable and Sustainable Energy Reviews, Vol. 77 ,pp.670–687,2017,**Elsevier (Impact factor: 10.556).**
- 2 Indragandhi, V, Subramaniaswamy, V& Logesh R –Resources, configurations, and soft computing techniques for power management and control of PV/wind hybrid system|| Renewable and Sustainable Energy Reviews, Vol. 69, pp. 129-143, 2017. **Elsevier, (Impact factor: 10.556).**
- 3 Ashok Kumar L ; **Indragandhi V** ; Sujith Kumar N Design and implementation of single phase inverter without transformer for PV applications, **IET Renewable Power Generation**, 2018, Vol. 12 Iss. 5, pp. 547-554 (**Impact factor: 3.605**).
- 4 **V.Indragandhi**, Logesh R, Subramaniaswamy V, Vijayakumar V, Patrick Siarry, Lorna Uden –Multi-Objective Optimization and Energy Management in Renewable based AC/DC Microgrid|| Computer and Electrical Engineering, **Elsevier**, Volume 70, August 2018, Pages 179-198 .(**Impact factor: 2.189**).
- 5 R. Logesh , V. Subramaniaswamy , V. Vijayakumar , Xiao-Zhi Gao , V. Indragandhi –A hybrid quantum-induced swarm intelligence clustering for the urban trip recommendation in smart city|| Future Generation Computer Systems, **Elsevier, (Impact factor: 5.768).** Vol .83,653-673,2018.
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11 Arunkumari, T., Indragandhi, V., Arunkumar, G., Sanjeevikumar, P., Holm-Nielsen, J.B. –Implementation of high-gain nonisolated DC-DC converter for PV-fed applications| International Transactions on Electrical Energy Systems, 30(1),e12165,2020. **(Impact factor: 1.5)**

12 Rameshkumar K, Indragandhi V, Sanjeevikumar P –Design and prototyping of single-phase shunt active power filter for harmonics elimination using model predictive current control| International Transactions on Electrical Energy Systems,2019. **(Impact factor: 1.5)**

13 Enhancing cyber–physical systems with hybrid smart city cyber security architecture for secure public data-smart network ,2020 , Future Generation Computer Systems 112 724 737 10.1016/j.future.2020.06.028. **(Impact factor: 6.5)**

14 IoT embedded cloud-based intelligent power quality monitoring system for industrial drive application 2020 Future Generation Computer Systems 112 884 898 10.1016/j.future.2020.06.032. **(Impact factor: 6.5)**

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8. Indragandhi, V, Veena, P & Jeyabharath, R _‘An Interleaved Soft Switching Boost Converter with Cascaded H-Bridge Inverter for Photovoltaic Power Generation’, International Review on Modeling and Simulations, vol. 6, no. 2, pp. 329-335, 2013.
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12. G. Arunkumar, D. Elangovan, Indragandhi V, Gokulakrishnan G and Dhanamjayulu C –Analysis, Modeling and Experimentation of Quadrupler Boost Converter for Renewable Source Applications|| IJMET, Volume 8, Issue 10, October 2017, pp. 768–773.

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20. Kokila, M., Manimekalai, P., Indragandhi, V. -Design and development of battery management system (BMS) using hybrid multilevel converter|| International Journal of Ambient Energy, pp. 1-9.
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