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PUBLICATIONS DETAILS:

International Journals

1. Critical Review of PV Grid-Tied Inverters**,** *Energies* **2019,** *12***(10), SCIE,(Impact factor -2.676)**

2. Design and Analysis of Electric Potential and Space Charge Density in a Portable Electrostatic Precipitator, **Results in Physics**, **Elsevier(2.147-SCI INDEXED).**

3. A Review on Carbon Nanotube Field Effect Transistors (CNTFETs) for Ultra-Low Power Applications, **Renewable & Sustainable Energy Reviews**, 2018 **Elsevier(Impact Factor 9.11-SCI INDEXED)**

4. "PV-fed eleven-level capacitor switching multi-level inverter for grid integration" Lecture Notes in Electrical Engineering (Springer), 435, pp. 57-64, 2018 .**(SCOPUS).**

5. "Design of feasible energy generation using solar panel and control using an IoT" International Journal of Engineering and Technology(UAE)Volume 7, Issue 2, 2018, Pages 191-196**(SCOPUS).**

6. "An atrial fibrillation with normal limits using signal processing- A review" International Journal of Engineering and Technology(UAE) Volume 7, Issue 2, 2018, Pages 453-456 **(SCOPUS).**

7. "Design of full swing local bitline SRAM architecture based on FinFET using SVL technique ARPN Journal of Engineering and Applied Sciences Volume 13, Issue 5, 1 March 2018, Pages 1807-1812. **(SCOPUS).**

8. "Design of low power carry skip adder using DTCMOS" International Journal on Smart Sensing and Intelligent SystemsVolume 2017, Issue Special issue, 1 September 2017, Pages 284-294 **(SCOPUS).**

9. "Design of low leakage current average power CMOS current comparator using SVL technique with Pseudo nmos and transmission gate logics" International Journal on Smart Sensing and Intelligent Systems,, pp.344-357,2017. **(SCOPUS).**

10. "Fuzzy logic controlled thyristor controlled series compensator in fourteen bus system with reduced congestion and improved voltage stability"Journal of Computational and Theoretical Nanoscience, 14 (3), pp. 1563-1571, 2017. **(SCOPUS).**

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19. Power quality disturbance classification using wavelet packet transform and back propagation algorithm Journal of Computational and Theoretical Nanoscience, 13 (10), pp. 7099-7109, 2016. **(SCOPUS).**

20. Grey wolf optimization algorithm based speed control of three phase induction motor International Journal of Control Theory and Applications, 9 (9), pp. 3889-3895, 2016. **(SCOPUS).**

21. Fuzzy logic and firefly algorithm based hybrid system for energy efficient operation of three phase induction motor drives Indian Journal of Science and Technology, 9 (1), 5 p, 2016. **(SCOPUS).**

22. A novel multiport bidirectional dual active bridge dc-dc converter for renewable power generation systems Indian Journal of Science and Technology, 9 (1), 4 p, 2016. **(SCOPUS).**

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26. Optimal power flow using Hybrid intelligent algorithm Indian Journal of Science and Technology, 8 (23), art. no. 70889, 2015. **(SCOPUS).**

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29. A TCSC placement for transmission congestion for minimizing the power loss Applied Mechanics and Materials, 573, pp. 741-746, 2014. **(SCOPUS).**

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31. "Feedback Controller Design for Variable Voltage Variable Speed Induction Motor Drive via Ant Colony Optimization" Applied soft computing (Elsevier) Vol.12, No.8, pp. 2132-2136, 2012.(**Impact Factor 2.99) (SCI INDEXED).**