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Journal/Conference Publication:

1. Krishna paramathma, .D.Devaraj, **Dr.V.Agnes Idhaya Selvi,** Karuppasamypandiyan, "Development of online demand response framework for Smart Grid infrastructure towards social welfare" International Transactions on Electrical Energy Systems (2020) **(IF=1.692) (Accepted for Publication) (Scopus Cited)**
   DOI: 10.1109/INCCES47820.2019 **(Scopus Cited)**
2. Karuppasamypandiyan, Dr.P.Aruna Jeyanthy, Dr.D.Devaraj, **Dr.V.Agnes Idhaya Selvi,** "Day ahead dynamic available transfer capability evaluation incorporating probabilistic transmission capacity margins in presence of wind generators" International Transactions on Electrical Energy Systems (2020) **(IF=1.692)**
3. Danalakshmi, S. Prathiba, **V. Agnes Idhaya Selvi**, , "Control Strategies on Speed of DC motor and power sensor based speed regulator using SCILAB" Journal of Green energy Vol – 10, (03) PP. 646 - 661. **(Scopus Cited)**
4. Sundaramoorthi S, **Agnes Idhaya Selvi V**, Karuppasamypandiyan M, "Implementation of Embedded System Based High Performance Protective System in Vehicles", International Journal of Recent Engineering and Technology, Volume Number 8, Issue Number 4S2, PP 344-347, 2019 Dec

5. **Mrs.** J. Kohila, Dr. D. Devaraj, **Agnes Idhaya Selvi, "**Development and Performance analysis of PSO optimized Sliding Mode Controller based Dynamic Voltage Restorer for power quality enhancement" International Transactions on Electrical Energy Systems (2019) **(IF=1.692)**

6. **Agnes IdhayaSelvi**, Sivan Kumar, Karuppasamypandiyan, Sheela, "IoT Based Power Management and Condition Monitoring in Microgrid", Lectures Notes in Electrical Engineering, Springer. **(SCOPUS INDEXED)** 1876-1100
7. B.Kanagasakthivel, D.Devaraj, R.NarmathaBanuand **V.Agnes Idhaya Selvi,** "A Hybrid Wind - Solar Energy System with ANFIS based MPPT Controller", Journal of Intelligent & Fuzzy Systems (Article in press), **IF: 1.261**.
8. **V.Agnes Idhaya Selvi**, Dr.R.Narmatha Banu, D.Devaraj, Karuppasamypandiyan: Differential evolutionary algorithm-based optimal support vector machine for online dynamic available transfer capability estimation incorporating transmission capacity margins. International Transactions on Electrical Energy Systems 06/2017; **(IF=1.08)**
9. B.Kanagasakthivel, D.Devaraj, R.NarmathaBanu and **V.Agnes Idhaya Selvi, "**Doubly Fed Induction Generator Based Wind Energy Conversion System Using Matrix Converter

With Model Predictive Controller", International Journal of Pure and Applied Mathematics, Volume 118 No. 22 2018, 109-125.

10. **V. Agnes IdhayaSelvi**, R.Narmathabanu, D.Devaraj, M.Karuppasamypandiyan, Estimation of dynamic available transfer capability including Hopf bifurcation limit using step by step algorithm. International Journal of Power and Energy Conversion 09/2015; 8(2)., DOI:10.1504/IJPEC.2017.10002905
11. Danalakshmi, ThiruppathyKesavan, **V. Agnes Idhaya Selvi**," Consumer CentricFlexible Reactive Power Pricing Using Scalable Technologies", ECTI Transactions on Electrical Engineering, Electronics, and Communications, VOL.16, issue NO.2 August 2018 (pp. 1-9)
12. **V. Agnes Idhaya Selvi**, R. Narmathabanu, D. Devaraj, M. Karuppasamypandiyan: Differential evolution algorithm for computation of ATC in deregulated power system. International Journal of Control Theory and Applications (I J C T A), 9(15), 2016, pp. 7073-7080, International Science Press.
13. A.Sheela, V**. Agnes Idhaya Selvi**, "Compensation of Voltage Sag, Swell and Electrical Noise Using Distributed Generation Dynamic Voltage Restorer" Journal of controllers and converters, Volume 1 issue 1, May 2016 pp:1-13.