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### **List of Journals**

1. J Ganesh Moorthy, Sumit Manual, S Moorthi and P. Raja, “Performance analysis of solar PV based DC optimizer distributed system with simplified MPPT method”, Springer Journal on SN Applied Sciences, | <https://doi.org/10.1007/s42452-020-2010-2>, available on-line, January 2020.
2. Suryanarayana G, Raja P , Selvan M P and VenkataKirthiga Murali., “An Effective Algorithm for Fault Discrimination and Estimation of Fault Location in Transmission Lines”, IET Generation, Transmission and Distribution, 10.1049/iet-gtd.2018.5815, available on-line, May 2019.
3. Vijayapriya, R, Raja, P. and Selvan, M.P., “Systematised Active Power Control of PMSG-based Wind-driven Generators”, IEEE Systems Journal, Vol. 14, No.1 ,March 2020, pp. 708 – 717.
4. G. Suryanarayana, G. Kesava Rao, S. Sarangi and Raja, P., “Directional relaying using parameter estimation approach”, Electrical Power and Energy Systems, an International Journal, Elsevier, Vol. 107, December 2018, pp. 597-604.
5. Vijayapriya, R, Raja, P. and Selvan, M.P., “A Modified Active Power Control Scheme for Enhanced Operation of PMSG based WGs”, IEEE Transactions on Sustainable Energy, Vol. 9, No.2 , April 2018, pp. 630 – 638.
6. Vijayapriya, R., Raja, P. and Selvan, M.P., "Enhanced Method of Rotor Speed and Position Estimation of Permanent Magnet Synchronous Machine based on stator SRF-PLL", Engineering Science and Technology, an International Journal, Elsevier, Vol. 20, 2017, pp. 1450-1459.
7. Jithin K.K, S. Venkata Hareesh, P. Raja and M.P. Selvan “Design and Implementation of an Algorithm for Diagnosis of Load Encroachment in EHV Lines”, Energy Procedia, Elsevier, 117(2017), 519-526.
8. K. Sujita Kumar Achary and P. Raja “Adaptive design of Distance relay for series compensated transmission line” Energy Procedia, Elsevier, 117(2017), 527-534
9. Venkatraman, K., Moorthi, S., Selvan, M.P., Raja, P. and Deepa Kurup, “Predictive current control of DSTATCOM for VAR compensation of grid connected wind farms”, Journal of Renewable and Sustainable Energy 9, 023301 (2017); doi: <http://dx.doi.org/10.1063/1.4977541>.
10. Venkatraman, K., Moorthi, S., Selvan, M.P. and Raja, P., “A Comprehensive Embedded Solution for Data Acquisition and Communication using FPGA”, Journal of Applied Research and Technology, Elsevier, 2016 In Press, SCImago Indexed ISSN: 1665-6423.

11. Venkatraman, K., Moorthi, S., Selvan, M.P., Raja, P. and Deepa Kurup, "Performance Evaluation of FPGA-Controlled DSTATCOM for Load Compensation", Arabian Journal of Science and Engineering, Vol. 41, No. 9, September 2016, pp.3355- 3367, SCI Indexed ISSN: 2191-4281.