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LAST FIVE YEAR PUBLICATIONS

1. M Vanithasri, R Balamurugan, L Lakshminarasimman, "Radial movement optimization (RMO) technique for solving unit commitment problem in power systems.", Journal of Electrical Systems and Information Technology- Elsevier , Volume 5, Number 3, Dec 2018, pp. 697-707. 2018/ <https://doi.org/10.1016/j.jesit.2017.05.003>.
2. N. Mohandas, R. Balamurugan, and L. Lakshminarasimman, "Optimal location and sizing of MW and MVAR based DG units to improve voltage stability margin in distribution system using a chaotic artificial bee colony algorithm.", International transactions on Electrical Energy Systems, Volume 27, Number 4, Apr 2017, pp. 1-14. 2016/ <https://doi.org/10.1002/etep.2287>.
3. M. Siva, R. Balamurugan, L.Lakshminarasimman and G. Balaji, "Water Wave Optimization Algorithm for solving Thermal Unit Maintenance Scheduling.", IOSR Journal of Electrical and Electronics Engineering, Volume 12, Number 3, May 2017, pp. 61-70. 2017/ 10.9790/1676-1203026170 .
4. M. Siva, R. Balamurugan and L. Lakshminarasimman, "Water wave optimization algorithm for solving combined Economic and emission dispatch problem.", ARPN Journal of Engineering and Applied Sciences, Volume 12, Number 6, Mar 2017, pp. 1730-1742. 2017.
5. L. Lakshminarasimman, M. Siva and R. Balamurugan, "Water Wave Optimization Algorithm for Solving Multi-Area Economic Dispatch Problem.", International Journal of Computer Applications, Volume 167, Number 5, Jun 2017, pp. 19-27. 2017/ 10.5120/ijca2017914247.
6. S.A. ChithraDevi, L. Lakshminarasimman, R. Balamurugan, "Stud Krill herd Algorithm for multiple DG placement and sizing in a radial distribution system.", Engineering Science and Technology, an International Journal, Volume 20, Number 2, Apr 2017, pp. 748-759. 2017/ <https://doi.org/10.1016/j.jestch.2016.11.009>.
7. S..A. ChithraDevi and L. Lakshminarasimman, "Optimal location of capacitors and capacitor sizing in a radial distribution system using Stud krill herd Algorithm.", IOSR Journal of Electrical and Electronics Engineering, Volume 12, Number 4, Aug 2017, pp. 11-19. 2017/ DOI: 10.9790/1676-1204021119 .
8. G.Balaji, , R. Balamurugan, L. Lakshminarasimman, "A Novel Hybrid Symbiotic Organism Search for Solving Generator Maintenance Scheduling in a Power System.", Global Journal of Researches in Engineering: F Electrical and Electronics Engineering, Volume 17, Number 6, Oct 2017, pp. 67-76. 2017.

9. G. Balaji, R. Balamurugan and L. Lakshminarasimman, , "'Mathematical Approach Assisted Differential Evolution Generator Maintenance Scheduling',.", Electrical Power and Energy Systems,, Volume 82, Number 6, Nov 2016, pp. 508-518. 2016/ <https://doi.org/10.1016/j.ijepes.2016.04.033>.
10. G. Balaji, R. Balamurugan and L. Lakshminarasimman, , "'Fuzzy Clustered Multiobjective Differential Evolution for Thermal Generator Maintenance Scheduling'.", International Journal of Intelligent Engineering and Systems, Volume 9, Number 1, 2016, pp. 1-13. 2016/ 10.22266/ijies2016.0331.01.
11. M.Vanithasri, R. Balamurugan and L. Lakshminarasimman, "'Modified Radial Movement Optimization (MRMO) technique for Estimating the Parameters of Fuel Cost Function in Thermal Power Plants'.", Engineering Science and Technology, an International Journal,, Volume 19, Number 4, Dec 2016, pp. 2035-2042. 2016/ <https://doi.org/10.1016/j.jestch.2016.07.012>.
12. M.Vanithasri, R. Balamurugan and L. Lakshminarasimman, "Integer Coded Radial Movement Optimization Technique for Solving the Economic Dispatch Problem with Multiple Fuel Options.", International Journal for Science and Advance Research In Technology, Volume 2, Number 9, Sep 2016, pp. 90-97. 2016.
13. M. Siva, R. Balamurugan, L. Lakshminarasimman, "Water Wave Optimization Algorithm for Solving Economic Dispatch Problems with Generator Constraints.", International Journal of Intelligent Engineering and Systems, Volume 9, Number 4, 2016, pp. 31-40. 2016/ DOI: 10.22266/ijies2016.1231.04.
14. SA.ChithraDevi and Dr. L. Lakshminarasimman , "Optimal Location Of Capacitors and Capacitor Sizing in a Radial Distribution System using Krillherd Algorithm.", International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE), Volume 20, Number 2, Feb 2016, pp. 223-227. 2016.
15. G. Balaji, R. Balamurugan and L. Lakshminarasimman, , "'Reliability based Generator Maintenance Scheduling using Integer Coded Differential Evolution Algorithm'.", International Journal of Computer Applications, , Volume 131, , Number 6, , Dec 2015, pp. 27-38. 2015.
16. G. Balaji, R. Balamurugan and L. Lakshminarasimman, , "'Generator Maintenance Scheduling in a Deregulated Environment using Hybrid Differential Evolution Algorithm'.", ARPN Journal of Engineering and Applied Sciences, Volume 10, Number 22, Dec 2015, pp. 10566-10577. 2015.
17. Sakthivel, P. Vijayakumar, A. Senthilkumar, L. Lakshminarasimman, S.Paramasivam, "Experimental investigations on Ant Colony Optimized PI control algorithm for Shunt Active Power Filter to improve Power Quality.", Control Engineering Practice, Volume 42, Number 9, Sep 2015, pp. 153-169. <https://doi.org/10.1016/j.conengprac.2015.04.013>.
18. N. Mohandas, R. Balamurugan, and L. Lakshminarasimman, "Optimal location and sizing of real power DG units to improve the voltage stability in the distribution system using ABC algorithm united with chaos.", Electrical Power and Energy Systems, Volume 66, Number 2, Mar 2015, pp. 41-52. <https://doi.org/10.1016/j.ijepes.2014.10.033>.

19. N. Mohandas, R. Balamurugan, and L. Lakshminarasimman, "Optimal location and sizing of multiple DGs to enhance the voltage stability in the distribution system using a chaotic ABC algorithm.", *International Journal of Computer Applications*, Volume 128, Number 2, Oct 2015, pp. 10-26. 10.5120/ijca2015906432.