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Scheduling

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Hybrid: particle swarm optimization–genetic algorithm and particle swarm optimization–shuffled frog leaping algorithm for long-term generator maintenance scheduling GG Samuel, CCA Rajan International Journal of Electrical Power & Energy Systems 65, 432-442	61	2015
A modified shuffled frog leaping algorithm for long-term generation maintenance scheduling GG Samuel, CCA Rajan Proceedings of the Third International Conference on Soft Computing for ...	26	2014
A modified genetic approach to long-term generation maintenance scheduling to enhance the reliability of the units GG Samuel, CCA Rajan IEEE-international conference on advances in engineering, science and ...	10	2012
Hybrid Particle Swarm Optimization—Genetic algorithm and Particle Swarm Optimization—Evolutionary programming for long-term generation maintenance scheduling GG Samuel, CCA Rajan 2013 International Conference on Renewable Energy and Sustainable Energy ...	8	2013
Hybrid particle swarm optimization: Evolutionary programming approach for solving generation maintenance scheduling problem GG Samuel, CCA Rajan Scientific Research and Essays 8 (35), 1701-1713	5	2013
Recent trends in renewable energy resources Hydrogen fuel cell KK Saravanan, N Stalin, S Rajalakshmi, GG Samuel IEEE-International Conference On Advances In Engineering, Science And ...	2	2012
Power electronics genesis, trends and improvement KK Saravanan, N Stalin, S Rajalakshmi, GG Samuel IEEE-International Conference On Advances In Engineering, Science And ...	1	2012
Optimal Energy Scheduling of Renewable Energy Sources in Smart Grid using Cuckoo Optimization Algorithm with Enhanced Local Search S Antonyraj, GG Samuel IOP Conference Series: Earth and Environmental Science 312 (1), 012014		2019
Control of a stand-alone photovoltaic/battery bank system to supply energy to resistance load CCAR G. Giftson Samuel, M. Muthuramalingam, P. S. Manoharan International Journal of Applied Power Engineering (IJAPE) 8 (1), 93-100		2019

TITLE	CITED BY	YEAR
ANALYSIS OF NOVEL ANFIS BASED MPPT ALGORITHM UNDER PARTIALLY SHADED PHOTOVOLTAIC SYSTEM CCAR G. Giftson Samuel, M. Muthuramalingam, P. S. Manoharan Journal of Electrical Engineering 9 (1), 29-36		2018
A Novel Intelligent Controller for Soft Starting Scheme in Three Phase Induction Motor CCAR M.Muthuramalingam, G. Giftson Samuel Journal of Engineering Technological Research 8 (Half Yearly), 371-377		2017
THE PERFORMANCE ANALYSIS OF AUTOMATIC TRACING OF SPV STANDALONE SYSTEM WITH REDUCED OUTPUT LOSSES DUE TO DUST AND TEMPERATURE SN A.K.SURESH, G. Giftson Samuel International Journal of Research In Science & Engineering 3 (3), 125-135		2017
THE PERFORMANCE ANALYSIS OF AUTOMATIC TRACING OF SPV STANDALONE SYSTEM WITH REDUCED OUTPUT LOSSES DUE TO DUST AND TEMPERATURE DSN A.K.SURESH, Dr. Giftson Samuel International Journal of Research In Science & Engineering 3 (3), 125-135		2017
A Novel Intelligent Controller for Soft Starting Scheme in Three Phase Induction Motor DCCAR Dr. M .Muthuramalingam, Dr.G. Giftson Samuel Journal of Engineering Technological Research 8 (8), 371 - 377		2017
Long-term Generator Maintenance Scheduling Using Shuffled Frog Leaping Algorithm to Enhance the Grid Reliability GG Samuel, CCA Rajan International Journal of Applied Engineering Research 10 (4), 3686-3692		2015
Long term Generator Maintenance Scheduling Using Shuffled Frog Leaping Algorithm to Enchance the Grid Reliability CCAR G. Giftson Samuel International Journal of Applied Engineering Reseach 10 (4), 3686 - 3692		2015
Long Term Generation Maintenance Scheduling to Enhance Grid Reliability Using Genetic Approach C Giftson Samuel, G. and Christoher Asir Rajan Archives Des Sciences 66 (01), 119-127		2013
A Hybrid Particle Swarm Optimization - Evolutionary Programming Method for Optimum Long-Term Generation Maintenance Scheduling to Enhance the Grid Reliability C Giftson Samuel, G. and Christoher Asir Rajan European Journal of Scientific Research 97, 527-537		2013
Optimum Long- Term Generation Maintenance Scheduling to Enhance Grid Reliability Using Particle Swam Optimization C Giftson Samuel, G. and Christoher Asir Rajan International Review on Modelling and Simulations 6, 154-159		2013

TITLE	CITED BY	YEAR
<p>Optimum Long-Term Generation Maintenance Scheduling to Enhance the Grid Reliability Using Particle Swarm Optimization</p> <p>GG Samuel, CCA Rajan</p> <p>Modelling and Simulations, 154</p>		2013
<p>ANALYSIS OF NOVEL ANFIS BASED MPPT ALGORITHM UNDER PARTIALLY SHADED PHOTOVOLTAIC SYSTEM</p> <p>GG Samuel, M Muthuramalingam, PS Manoharan, CCA Rajan</p>		
<p>Generation Maintenance Scheduling to Enhance the Grid Reliability</p> <p>GG Samuel, CCA Rajan</p>		
<p>Generation Maintenance Scheduling</p> <p>GG Samuel, CCA Rajan</p>		