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List of Publication for Past 5 Years:

S.No	Title	Year
1	Investigation of voltage regulation in grid connected PV system S Gorai, D Sattianadan, V Shanmugasundaram, S Vidyasagar, GR Prudhvi Kumar, M Sudhakaran Indonesian Journal of Electrical Engineering and Computer Science 19 (3), 1131-1139	2020
2	Smart Helmet for Fall N Prakash, SU Kumar, SSG Vashan, M Sudhakaran International Journal of Scientific Research in Science, Engineering and Technology, 4 (4), 380-384.	2018
3	Solution for Multi-area Unit Commitment Problem Using PSO-Based Modified Firefly Algorithm S Prabakaran, S Tamilselvi, PADV Raj, M Sudhakaran, S Rajasekar Advances in Systems, Control and Automation, 625-636	2018
4	Three Phase Four Wire Dstatcom Strategy for Power Quality Improvement Using T Connected Transformer S Prabakaran, T Saranya, P Ajay-D-Vimalraj, M Sudhakaran International Journal on Recent Technologies in Mechanical and Electrical Engineering, 4 (4), 14-19.	2017
5	A Simplified Direct Torque Control-Space Vector Modulation Based Induction Motor Drive for Trinary Hybrid Cascaded H-Bridge Multilevel Inverter M Sudhakaran, R Seyezhai Journal of Computational and Theoretical Nanoscience 14 (2), 1190-1198	2017
6	Design of ANN-based adaptive hysteresis band control scheme for compensation of THD and reactive power demand in PV tied grid system using DSTATCOM PM Kumar, M Sudhakaran International Journal of Computational Systems Engineering 3 (1-2), 3-13	2017
7	Tabu search-enhanced artificial bee colony algorithm to solve profit-based unit commitment problem with emission limitations in deregulated electricity market CS Sundaram, M Sudhakaran, PADV Raj International Journal of Metaheuristics 6 (1-2), 107-132	2017
8	Application of integrated GA-PSO-TS algorithm for solving hydro thermal scheduling problem with prohibited operating zones J Sanjeevikumar, M Sudhakaran International Journal of Applied Engineering Research 11 (6), 3842-3847	2016

9	Comparative Analysis of PD and APOD for Cascaded H-Bridge Multilevel Inverter M Sudhakaran, A Bharathi, G Muthuselvi, S Subathra, M Shanmugasundaram, M Sudhakaran, A Bharathi, G Muthuselvi, S Subathra, M Shanmugasundaram International Journal 2, 126-130	2015
10	Optimal placement and sizing of solar and wind based DGs in distribution systems for power loss minimization and economic operation B Patnaik, D Sattianadan, M Sudhakaran, SS Dash Power electronics and renewable energy systems, 351-360	2015
11	Multi objective optimal power flow with STATCOM using DE in WAFGP R Vanitha, J Baskaran, M Sudhakaran Indian Journal of Science and Technology 8 (2), 191-198	2015